



POMPE GRUPPO 2

OT OilTechnology è una giovane azienda, costituita nel novembre del 2001 , che produce nell'hinterland di Parma una valida gamma di pompe ad ingranaggi esterni.

Dal punto di vista tecnico OT OilTechnology ha realizzato un progetto " aggiornato " che è la sintesi delle esperienze applicative e delle nuove esigenze di mercato.

Le chiavi del successo di OT sono:

- SERVIZIO: Un servizio esemplare e flessibile per caratterizzare l'azienda.**
- QUALITA': Costante monitoraggio del processo produttivo e adeguato collaudo finale prodotto al 100% per assicurare la migliore qualita'.**
- PREZZO: Bassi costi di struttura uniti ad un processo produttivo efficiente per garantire prezzi competitivi.**
- PROPORSI E DIVENIRE PARTNER DEI PROPRI CLIENTI: questa è la MISSION di OT OilTechnology.**

GROUP 2 PUMPS

OT OilTechnology is a young Company, founded in November 2001, which makes a comprehensive range of external gear pumps.

From the technical side OT Oiltechnology has realized an "up-to date" project that is in line with the new needs of the market.

The OT key to succes is the following:

- SERVICE: A very good service, higly flexible, most important attribute of the Company.**
- QUALITY: Costant quality control and 100% product resting to achieve the best results possible from our working processes.**
- PRICE: Low overheads together with an efficient working process to offer competitive prices.**
- TO BE A PARTNER OF OUR CUSTOMERS: This is the MISSION of OT OilTechnology.**

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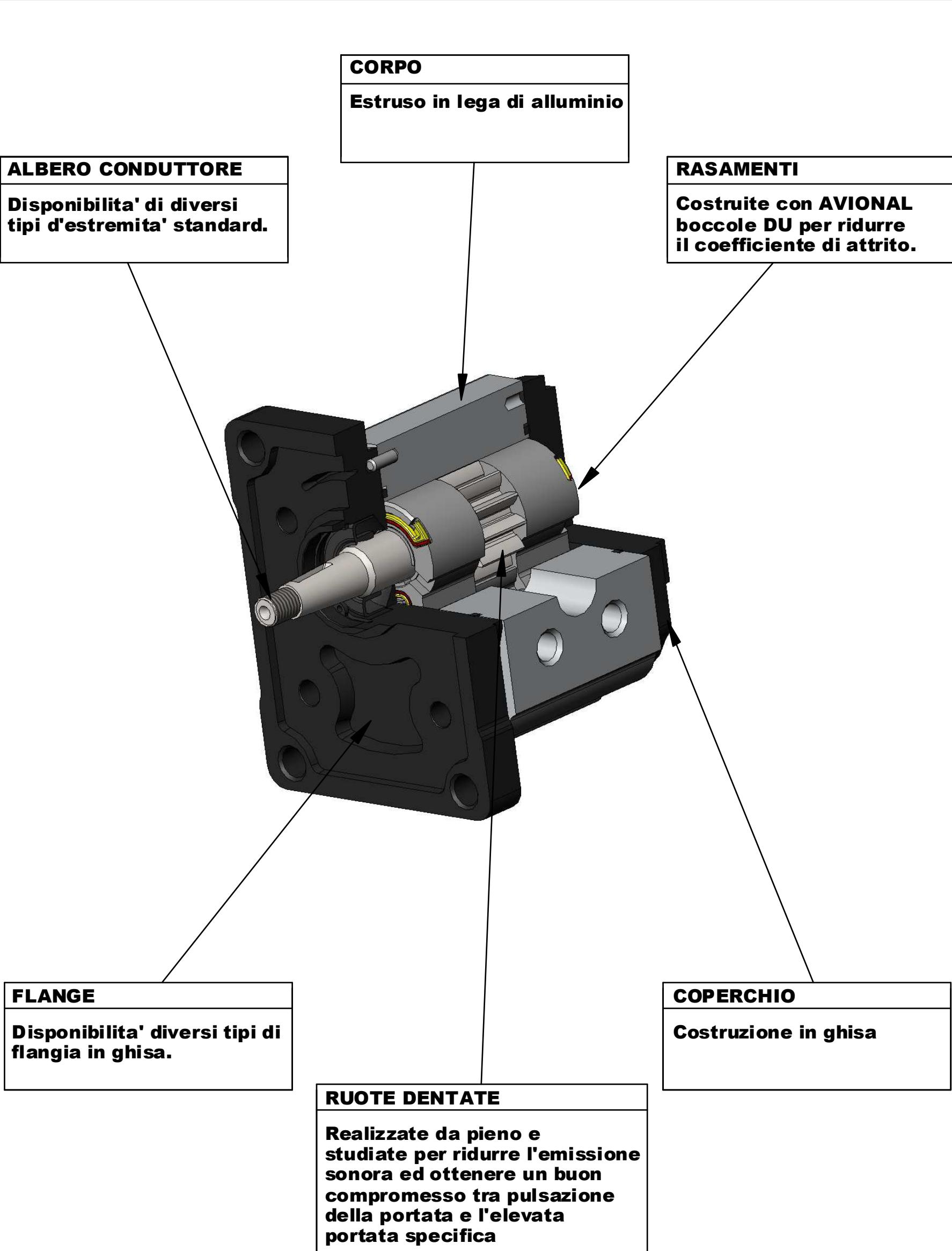
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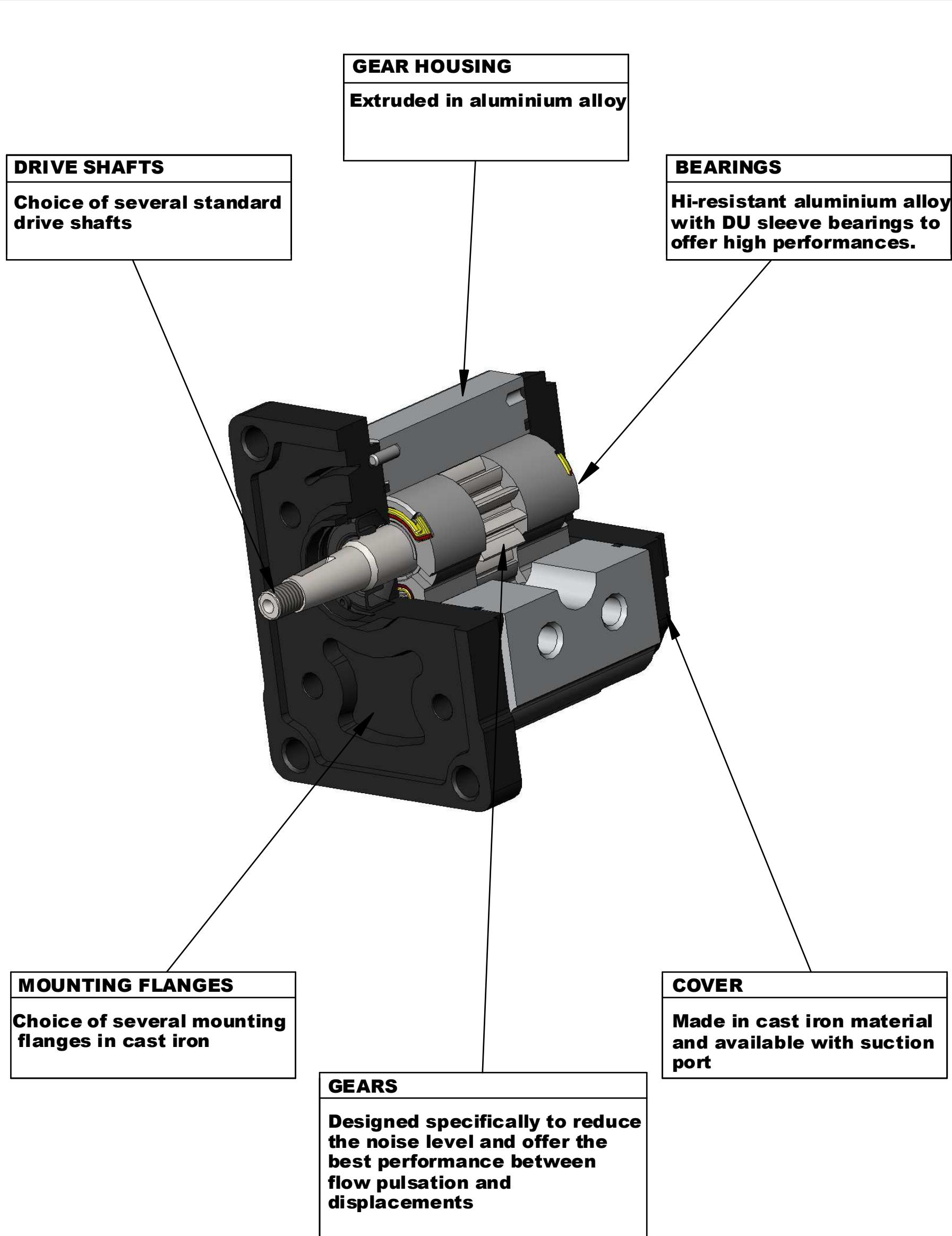
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CARATTERISTICHE COSTRUTTIVE

PARTE	MATERIALE	CARATTERISTICHE
INGRANAGGI	Acciaio da cement. UNI 7846	$Rs= 1250 \text{ N/mm}^2$ $Rm= 1450 \text{ N/mm}^2$
FLANGIA E COPERTO	Ghisa G25 / G30	$Rs= 300 \text{ N/mm}^2$ $Rm= 450 \text{ N/mm}^2$
RASAMENTI	Avional Boccole autolubrificanti DU	$Rs= 350 \text{ N/mm}^2$ $Rm= 390 \text{ N/mm}^2$
CORPO POMPA	Estruso Lega serie 7020 trattato termicamente	$Rs= 350 \text{ N/mm}^2$ $Rm= 390 \text{ N/mm}^2$
GUARNIZIONI	Acrilonitrile standard Viton	90 Shore, resistenza termica 120°C 80 Shore, resistenza termica 200°C
ANTIESTRUSORI	Zitel	Caricato con fibra di vetro

Rs= Carico di snervamento.

Rm= Carico di rottura

CARATTERISTICHE GENERALI:

Pressioni massime fino a 300 bar.

Pesi : da 3.1 Kg a 4.3 kg

Regimi di rotazione fino a 4000 giri/min.

Alberi disponibili: Conico 1:8 con linguetta a disco.

Conico 1:5 con linguetta a disco

Penna con codolo fresato.

Scanalato DIN 5482 17x14.

SAE A-9 denti , SAE cilindrico Ø15.85 , SAE A 11 denti

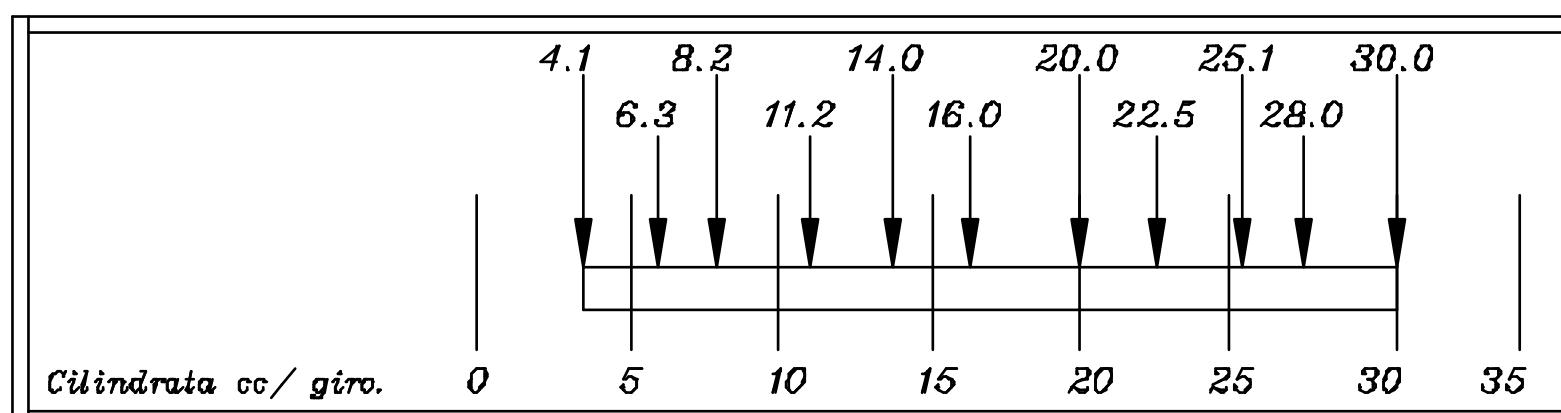
Versioni con flangie: Tipo standard europeo.

Tipo serie tedesca Ø80, e BOSCHØ50

Tipo SAE "A".

Cilindrate da 4.1 cc/giro a 30 cc/giro.

Le cilindrate disponibili sono espresse nel seguente schema:



Sono inoltre disponibili versioni speciali con flangia a supporto per trasmissione indipendente.

Altre versioni speciali prevedono la realizzazione di pompe doppie con valvola di sequenza integrata nel coperchio posteriore e pompe con valvola di massima pressione integrata.

TRASCINAMENTO

Il collegamento della pompa al motore deve essere realizzato con un giunto che, durante la rotazione, non trasferisca alcuna forza radiale e/o assiale.

In questo caso sarebbe inevitabile una rapida usura delle parti interne in movimento con conseguente decadimento delle prestazioni stesse della pompa.

Se il moto viene trasmesso alla pompa a mezzo di ingranaggi , cinghie o catene e' necessario montare il supporto per trasmissione indipendente.

Nel caso di utilizzo di manicotti scanalati o di giunti di oldham , per evitare il deterioramento degli stessi , occorre assicurare una costante lubrificazione mediante grasso o prodotti specifici.

GROUP 2 PUMPS

CONSTRUCTIVE CHARACTERISTICS:

PART	MATERIAL	CHARACTERISTICS
GEARS	Hardened steel UNI 7846	$Rs= 1250 \text{ N/mm}^2$ $Rm= 1450 \text{ N/mm}^2$
FLANGE AND COVER	G25 / G30 cast iron	$Rs= 300 \text{ N/mm}^2$ $Rm= 450 \text{ N/mm}^2$
BEARINGS	Avional Bearings with DU	$Rs= 350 \text{ N/mm}^2$ $Rm= 390 \text{ N/mm}^2$
BODY	Etruded in aluminium alloy Series 7020	$Rs= 350 \text{ N/mm}^2$ $Rm= 390 \text{ N/mm}^2$
O-RINGS	Buna N Viton	90 Shore, up to 90°C 80 Shore, for high temperature
ANTIEXTRUSION	Zitel	With glass fibres

Rs= Enervation load

Rm= Breaking load

GENERAL CHARACTERISTICS:

Maximum pressures up to 300 bar.

Weight : from 3.1 Kg to 4.3 kg

Maximum speed up to 4.000 rpm.

Type of shafts: Taper 1:8 and 1:5

Oldham

Slined DIN 5482 17x14.

SAE A splined-9 TEETH

SAE A cylindrical - Ø15.85 - SAE A 11 TEETH

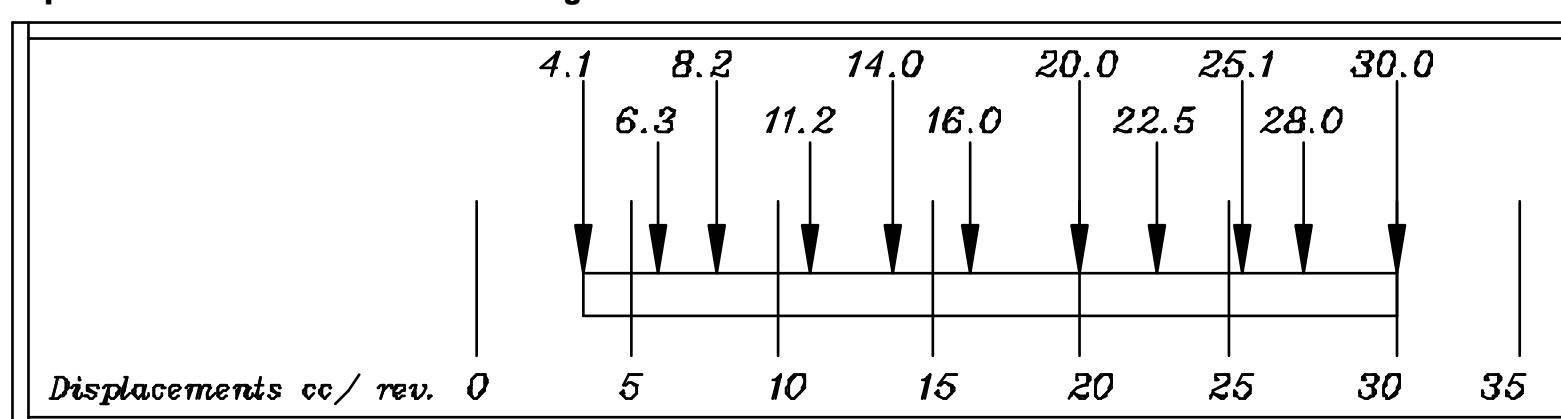
Type of flanges: European standard

German standard

SAE A standard.

Displacements from 4 cc/rev to 30cc/rev.

The displacements are available according this table:



There is also available a special version with built-in support.

DRIVE:

The connection of the pump to the motor must be done preferably with the use of a flexible coupling to avoid any radial and/or axial force on the shaft, otherwise pump efficiency will dramatically drop due to early wear of inner moving parts.

In any applications where the motion is trasmitted through belts, it is necessary to use a support to avoid any radial or axial load to the pump shaft.

In any applications where are used splined shafts ot Oldham couplings, it is suggested to assure a costant lubrification through grease or similar products.

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CONDIZIONI DI IMPIEGO- PRESTAZIONI LIMITE

In normali condizioni di funzionamento , nel condotto di aspirazione rileviamo una leggera depressione: cioè in normale utilizzo la pressione di alimentazione è minore di quella atmosferica.
Il campo di pressioni di esercizio in alimentazione deve rispettare i seguenti valori:

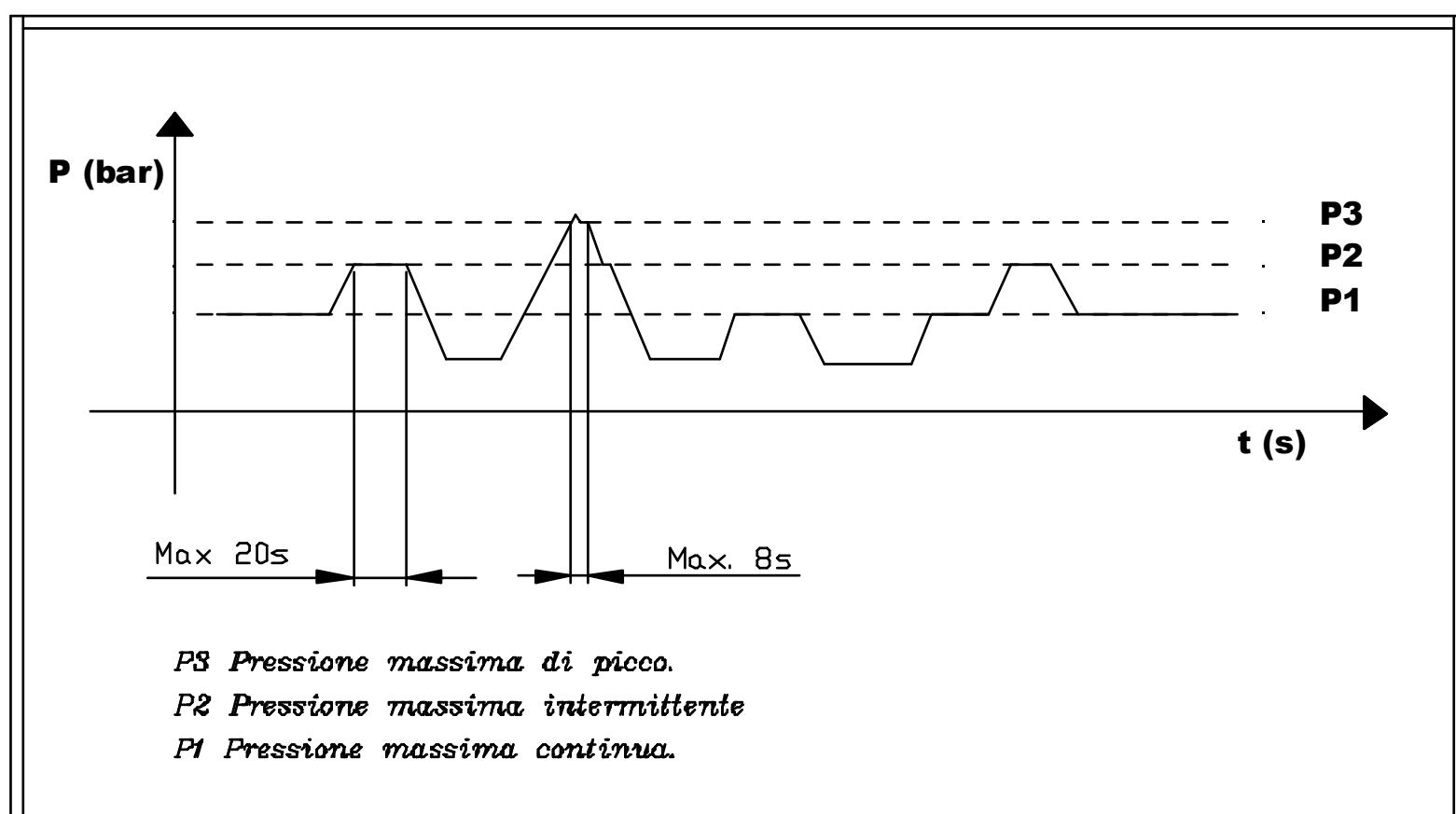
Min. 0.75 bar (assoluti)

MAX 2,0 bar (assoluti)

Per valori di funzionamento con pressione in ingresso maggiore di quella Max. indicata è necessario contattare il nostro ufficio tecnico.

I valori di pressione massima " P1 " sono riferiti al funzionamento continuo a 1500 giri/1' con fluidi idraulici normali con viscosità min = 10 cST.

Per valori più gravi sia di regime che di viscosità (alta temperatura) è necessario diminuire la P1.
La normale definizione delle pressioni di lavoro o ammesse è riportata nella seguente tabella:

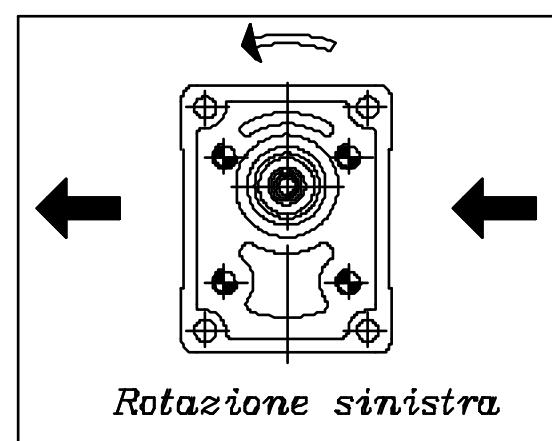
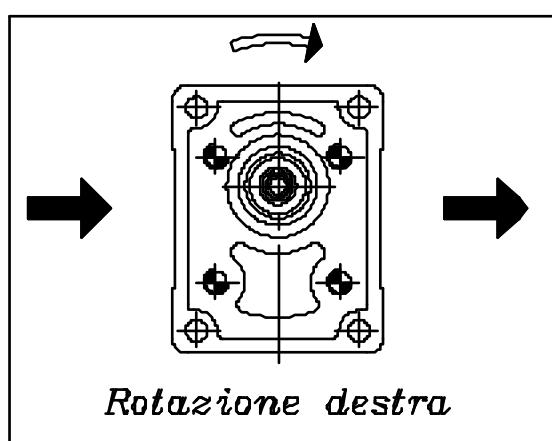


Per un regolare funzionamento i regimi di rotazione non debbono superare i valori max indicati, e riportati nelle relative tabelle, così come il regime minimo di rotazione non deve essere inferiore al seguente valore:

Min. = 400 giri/1'

Max = (vedi tabelle)

DEFINIZIONE DEL SENSO DI ROTAZIONE GUARDANDO L'ALBERO DI TRASCINAMENTO



GROUP 2 PUMPS

WORKING CONDITIONS- LIMIT PERFORMANCES

In normal working conditions there must be, in the suction pipe, a pressure lower than the atmospheric pressure.

The pressure range in suction must be:

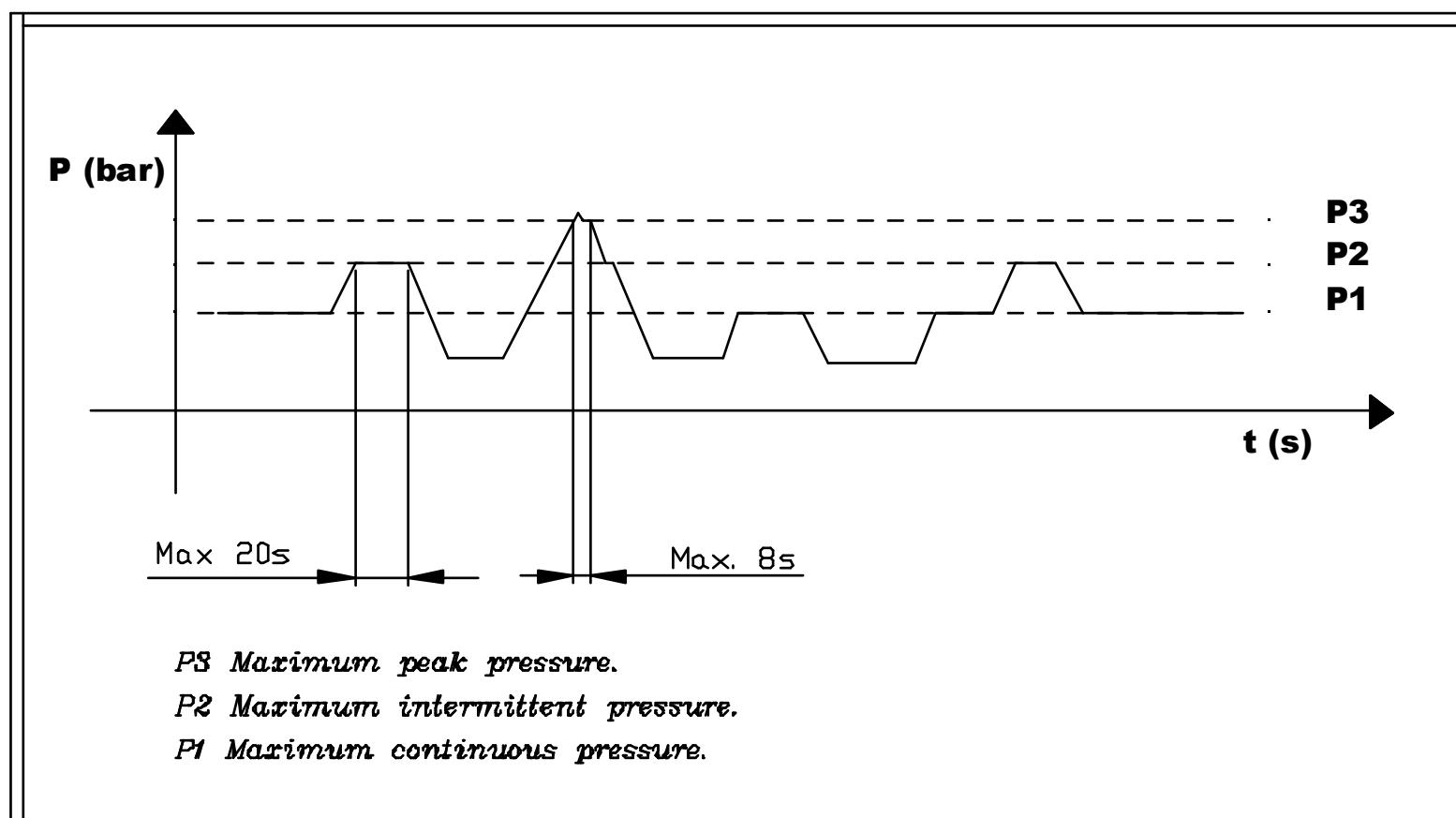
Min. 0.75 bar (absolute)

MAX 2,0 bar (absolute)

The maximum pressure values "P1" are referred to a continuous working at 1500 rpm with standard hydraulic fluids with minimum viscosity of 10 cSt.

For heavier working conditions (viscosity or high temperature) it is necessary to reduce the "P1" values.

In the following table are described the admitted pressures:

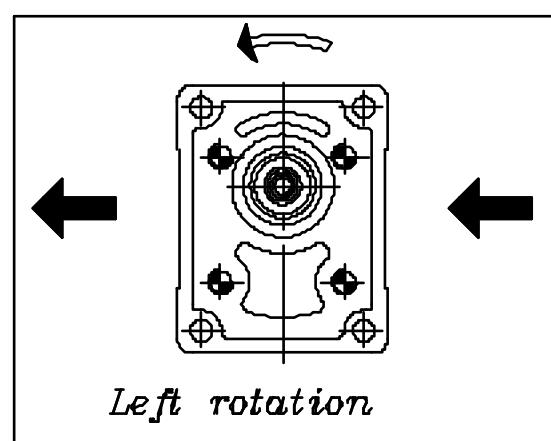
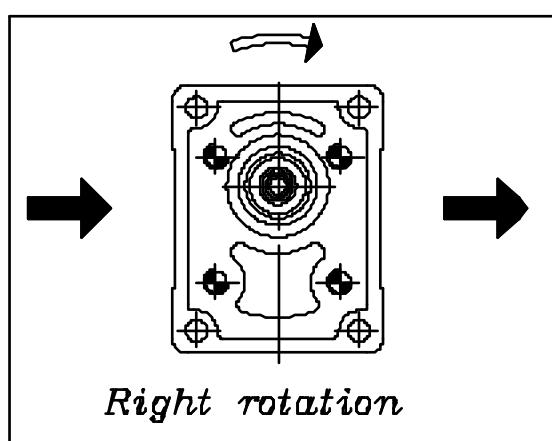


The standard working speeds (minimum and maximum) are the following:

Min. = 400 rpm

Max = (See following table)

DIRECTION OF ROTATION LOOKING AT THE SHAFT:



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FILTRAZIONE FLUIDO

E' ormai provato che la maggior parte dei prematuri cali di prestazione delle pompe e' dovuto al loro funzionamento in condizioni di filtrazione scorretta.

La presenza di particelle contaminanti in un fluido idraulico dovuta ad un inefficacite sistema di filtrazione puo' in effetti portare ad un irreparabile danneggiamento degli elementi interni della pompa.

Si raccomanda di porre particolare attenzione alla pulizia dell' impianto , soprattutto in fase di avviamento dello stesso.

L'iniziale contaminazione del fluido deve essere in accordo alla norma ISO 4406 e non dovrebbe superare la classe 19/16 con un filtro 3x75.

E' importante dimensionare il serbatoio in modo tale che abbia una capacita' almeno doppia rispetto al volume di fluido pompato dalla pompa in un minuto di funzionamento.

Sono indicati di seguito i parametri tecnici che e' importante rispettare:

FILTRACCIO IN INGRESSO	120 / 150 Micron nominali
FILTRAGGIO IN USCITA	10 / 25 Micron assoluti
VELOCITA' MAX IN INGRESSO	0.5 / 1.5 m/s
VELOCITA' MAX IN USCITA	3.0 / 5.5 m/s

In ambienti di lavoro particolarmente inquinati è particolarmente importante ridurre ulteriormente il filtraggio in uscita e prevedere anche un filtro aria.

FLUIDI IDRAULICI

Si raccomanda l'utilizzo di fluidi esclusivamente progettati per l'impiego in trasmissioni oleodinamiche, tipicamente olio idraulico a base minerale HLP HV (DIN 51524)

Sono indicati di seguito i parametri tecnici che e' importante rispettare:

VISCOSITA' MINIMA	10 mm²/s
VISCOSITA' MASSIMA	100 mm²/s
VISCOSITA' CONSIGLIATA	20 mm²/s - 100 mm²/s
TEMPERATURA CONSIGLIATA	30°C / 50°C
TEMPERATURA DI ESERCIZIO	-15°C / +80°C

Se si impiega Acqua-glicol (HF-C) si devono adottare le seguenti limitazioni: n.giri max 1500 giri/min pressione max 200 bar.

Per impieghi con fluidi esteri-fosforici consultare nostro ufficio tecnico.

ISTRUZIONI PER L' INSTALLAZIONE

- Durante il primo avviamento tarare le valvole limitatrici di pressione al minor valore possibile e raggiungere il valore massimo in modo graduale.
- Verificare , nel caso di pompa monodirezionale , che il senso di rotazione sia coerente con quello dell'albero dal quale deriva il moto.
- Controllare che il collegamento tra albero motore e pompa sia corretto:
cioe' che non induca a carichi radiali o assiali.
- Evitare partenze sotto carico in condizioni di bassa temperatura o comunque dopo lunghi periodi di inattività.
- Verificare che il livello del serbatoio sia adeguato dopo l'installazione di tutta la componentistica.
- Durante il primo avviamento scollare lo scarico per permettere di spurgare l'aria nel circuito.
- Proteggere l'anello di tenuta della pompa in caso di verniciatura; verificare la pulizia della zona di contatto tra anello di tenuta ed albero: la presenza di polvere puo' accelerare l'usura causare delle perdite.
- E' inoltre importante dotare l'impianto di idonei sistemi di sicurezza atti ad evitare turbolenze nel fluido, in special modo nei condotti di ritorno al serbatoio, e evitare l' entrata in circolo nei sistemi di aria, acqua, o contaminanti di vario genere.
- Verificare sempre che la coppia applicata sia minore o uguale alla coppia ammissibile dell'albero.
- Utilizzare sempre oli ben filtrati, con assenza di acqua o con qualsiasi altra sostanza emulsionante.
- Non far mai girare la pompa con soluzioni olio aria.

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FLUID FILTRATION

It is known that in many cases the premature pump performances reduction is due to a non correct filtration in the circuit.

The presence of contamination particles in the fluid usually corresponds to an irreparable wear of the pump internal parts.

It is recommended to pay attention to the plant cleaning, mainly in the starting activity.

The starting fluid contamination it must be according to the Norms ISO 4406 and it should not exceed the Class 19/16 with a filter 3x75.

Here below the technical parameters to respect:

FILTRATION IN SUCTION LINE	120 / 150 Nominal micron
FILTRATION IN PRESSURE LINE	10 / 25 absolute micron
MAXIMUM SPEED IN SUCTION	0.5 / 1.5 m/s
MAXIMUM SPEED IN OUTPUT	3.0 / 5.5 m/s

Sometime (contaminated places) it is recommended to improve the filtration in pressure line and fit also an air filter.

HYDRAULIC FLUIDS

It is recommended the use of fluids made for hydraulic circuits.

Usually they are hydraulic oils with mineral basis HLP HV (DIN 51524).

Here below the technical parameters to respect:

MINIMUM VISCOSITY	10 mm²/s
MAXIMUM VISCOSITY	100 mm²/s
SUGGESTED VISCOSITY	20 mm²/s - 100 mm²/s
SUGGESTED TEMPERATURE	30°C / 50°C
WORKING TEMPERATURE	-15°C / +80°C

For applications with water-glycol (HF-C) it is recommended to consider the following limitations: 1500 rpm maximum speed and 200 bar maximum pressure.

For applications with phosphate ester fluids, please contact our Technical department.

INSTALLATION INSTRUCTION

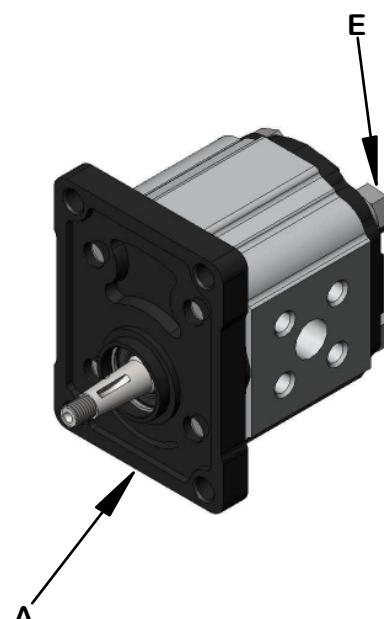
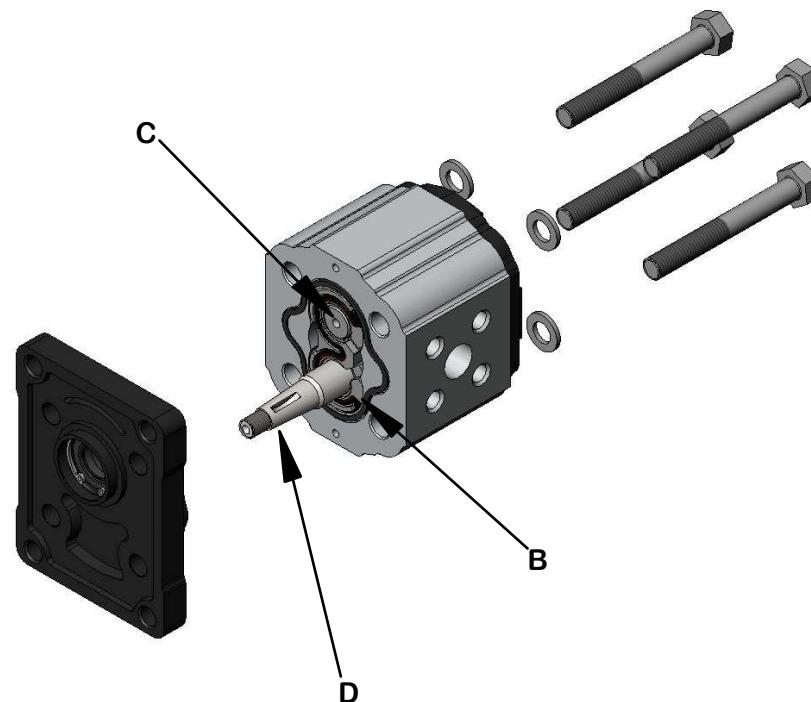
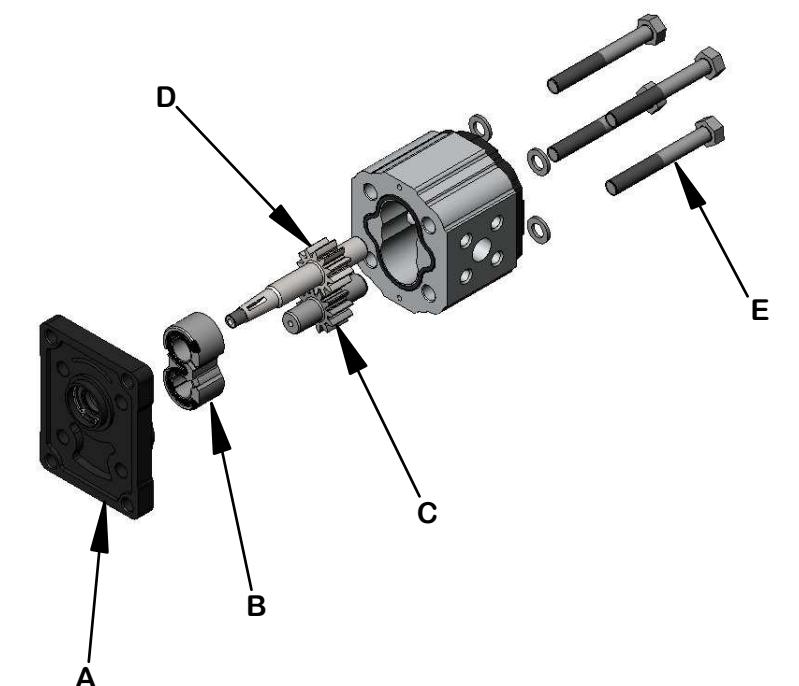
During the first starting it is recommended:

- to set the maximum pressure relief valves to a low value and gradually increase the pressure.
 - to check, with single rotation pumps, that the rotation direction is correct.
 - to check that the connection between the motor and pump shaft is correct: without radial or axial load.
 - to avoid starting under pressure in low temperature conditions or after long period of inactivity
 - to check the fluid level in the tank
 - to disconnect the return pipe and purge any air in the circuit
 - to protect the pumpshaft seal when painting power pack
 - to use suitable systems in the return lines to tank, to avoid turbulence in the circuit and ingress of air, water or contamination
 - to check the torque that must be lower than the maximum torque admissible on the pump shaft
 - to use new oil filters with absence of water or any other emulsifying substance
 - to avoid starting with a air-oil solution
- It is important to specify an oil tank at least twice the flow from the pump.**

POMPE GRUPPO 2- INVERSIONE DELLA ROTAZIONE

PER INVERTIRE LA ROTAZIONE DELLA POMPA OT200 È NECESSARIO SEGUIRE LE PROCEDURE ELENcate:

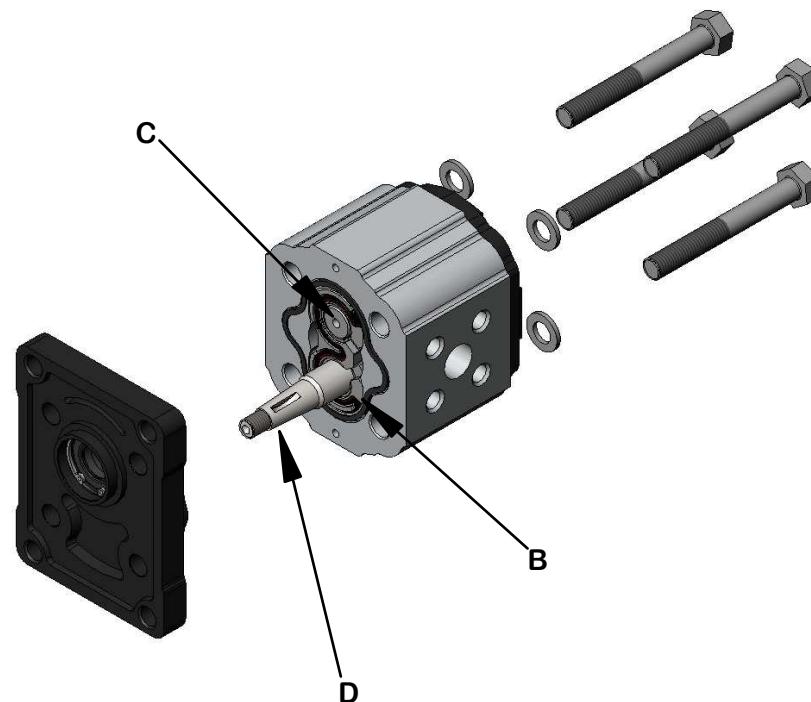
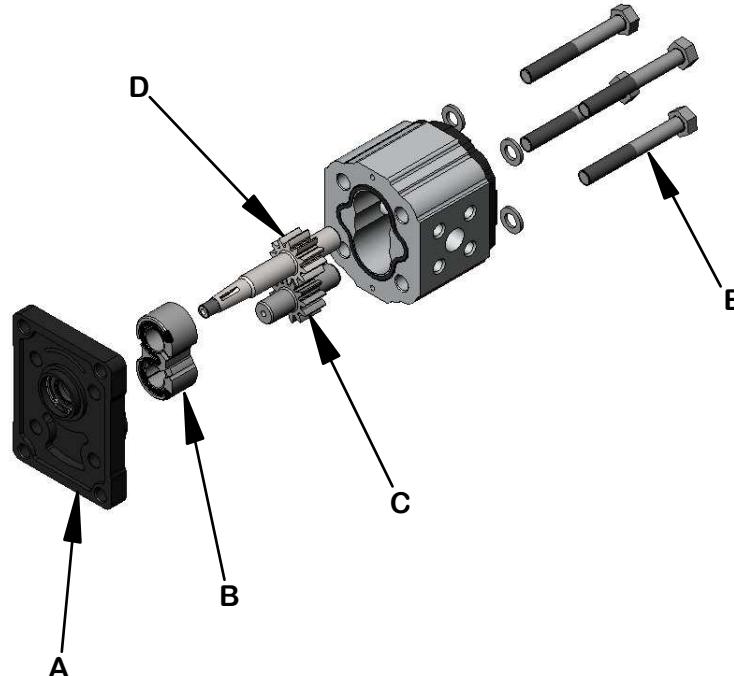
1. **Pulire accuratamente l'esterno della pompa.**
2. **Allentare e successivamente rimuovere le viti di serraggio (E).**
3. **Rivestire con nastro adesivo gli spigoli vivi dell'albero motore(D), e spalmare uno strato di grasso sulla parte terminale dell'albero al fine di evitare il danneggiamento del paraolio quando si andrà a rimuovere la flangia.**
4. **Rimuovere la flangia (A), avere cura di mantenere la flangia il più dritta possibile durante la rimozione. Accertarsi che durante la rimozione della flangia, l'albero motore e gli altri componenti restino in posizione.**
5. **Allentare l'albero motore (D) in modo da facilitare la rimozione dei rasamenti (B), avere cura di non danneggiare la superficie del corpo pompa.**
6. **Rimuovere l'albero (D) senza ribaltarlo. La flangia posteriore non deve essere rimossa.**
7. **Riposizionare l'albero condotto (C) nell'alloggiamento dove prima era posizionata l'albero motore (D).**
8. **Riposizionare l'albero motore (D) nell'alloggiamento dove prima era posizionata l'albero condotto (C).**
9. **Riposizionare il rasamento (B) nella sua posizione originale.**
10. **Pulire accuratamente la superficie lavorata della flangia e del corpo con un canovaccio.**
11. **Rimontare la flangia frontale (A) ruotata di 180° rispetto alla sua originaria posizione.**
12. **Rimontare le viti di serraggio (E). (COPPIA DI SERRAGGIO VITI = 28 Nm)**
13. **Verificare che la pompa possa ruotare liberamente quando l'albero motore viene girato manualmente.**
14. **La pompa è pronta per essere installata con il verso di rotazione invertito.**



GROUP 2 PUMPS- CHANGING ROTATION

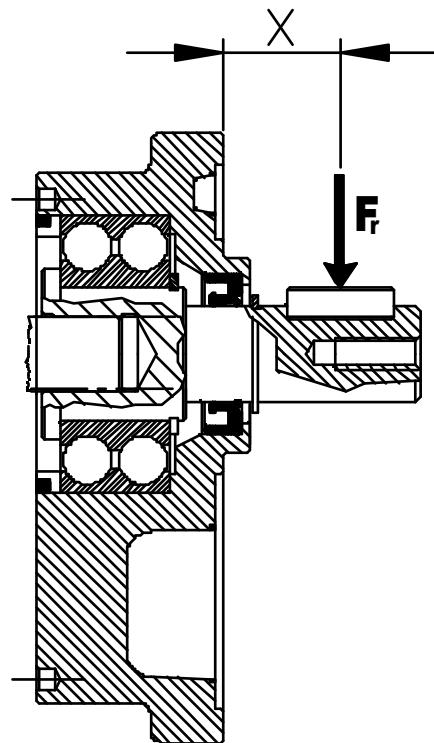
TO CHANGE ROTATION OF OT200 PUMP IT'S NECESSARY TO OPERATE IN THE FOLLOWING WAY:

1. Clean the pump externally with care.
2. Loosen, and remove, the clamp bolts (E).
3. Coat the sharp edges of the drive shaft (D) with adhesive tape and smear a layer of clean grease on the shaft end extension to avoid damaging the lip of the shaft seal when removing the mounting flange.
4. Remove the mounting flange (A), taking care to keep the flange as straight as possible during removal. Ensure that while removing the front mounting flange, the drive shaft and other components remain in position.
5. Ease the drive gear (D) up to facilitate removal of bearings (B), taking care that the precision ground surfaces do not become damaged, and removed the drive gear.
6. Remove the driven gear (D) without overturning. The rear flange has not to be removed.
7. Re-locate the driven gear (C) in the position previously occupied by the drive gear (D).
8. Re-locate the drive gear (D) in the position previously occupied by the driven gear (C).
9. Replace the front flange (A) in its original position.
10. Gently wipe the machined surface of the front flange (A) and the body with a canvas.
11. Refit the front mounting flange (A) turned by 180° from its original position.
12. Refit the clamp bolts (E). **(SCREW TIGHTENING TORQUE = 28 Nm)**
13. Check that the pump rotates freely when the drive shaft (D) is turned by hand. If not a pressure plate seal may be pinched.
14. The pump is ready for installation with the original rotation reversed.



POMPE GRUPPO 2- con SUPPORTO

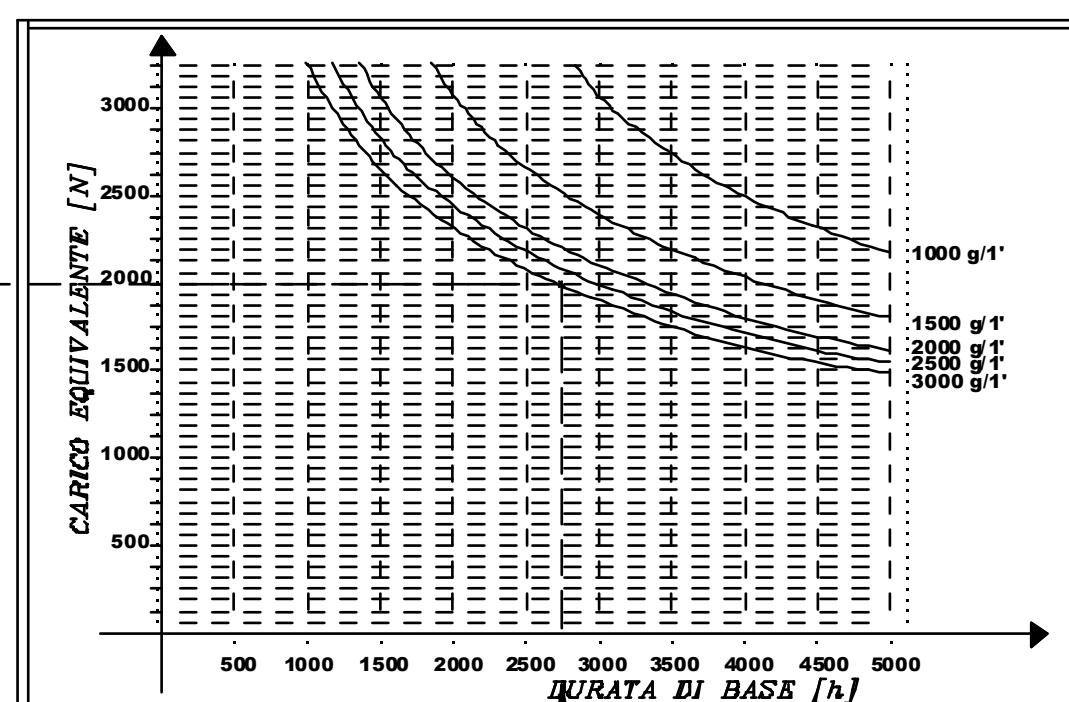
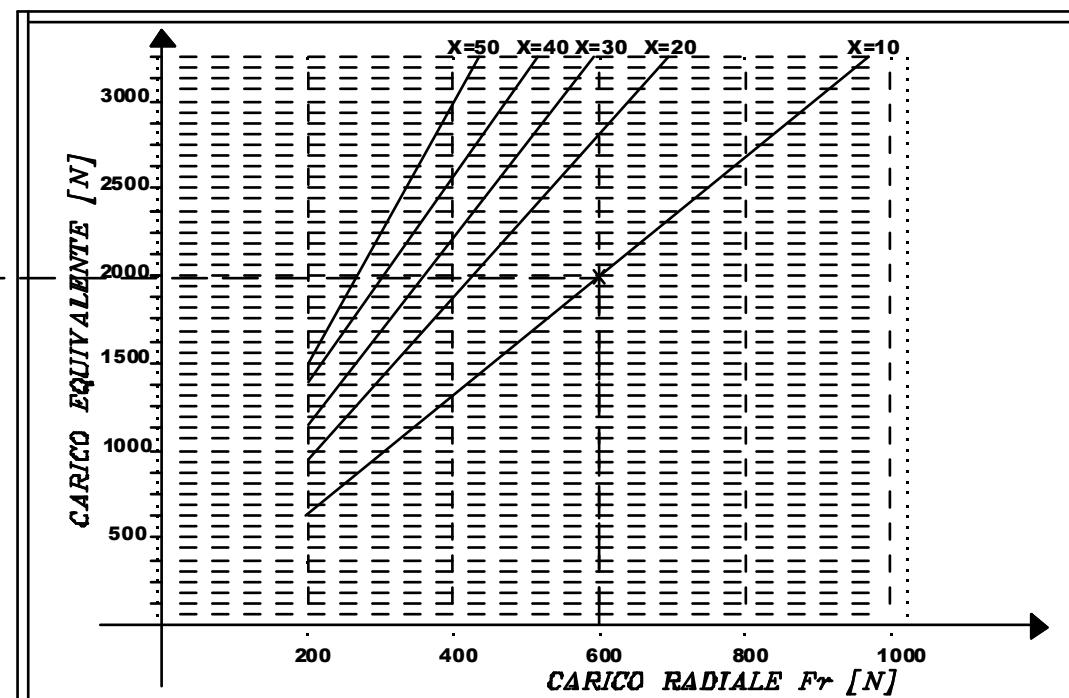
VERIFICA DELLA DURATA DEL CUSCINETTO



X = Distanza del carico radiale rispetto alla battuta della flangia

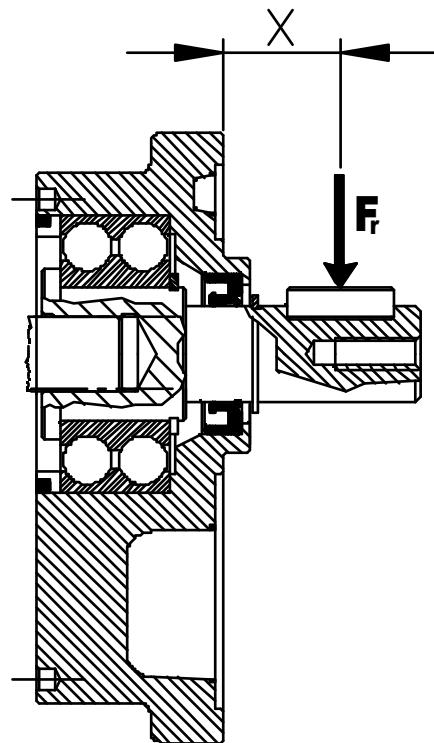
Per l'ottenimento delle curve si sono utilizzati:
Olio lubrificante ISO VG 46
Temperatura 60° C
Assenza o ridottissimo carico assiale

Esempio
Fr = 600 N
X = 10 mm
Velocità = 3000 g/1'
Durata di base ≈ 2750 h



GROUP 2 PUMPS- WITH FRONT BEARING

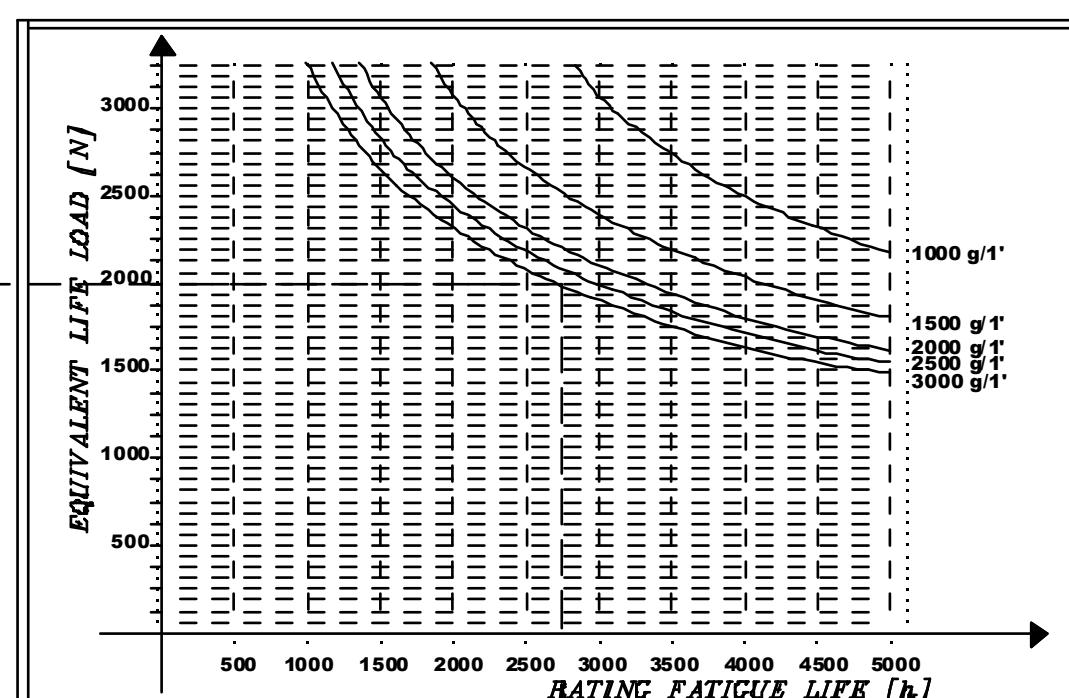
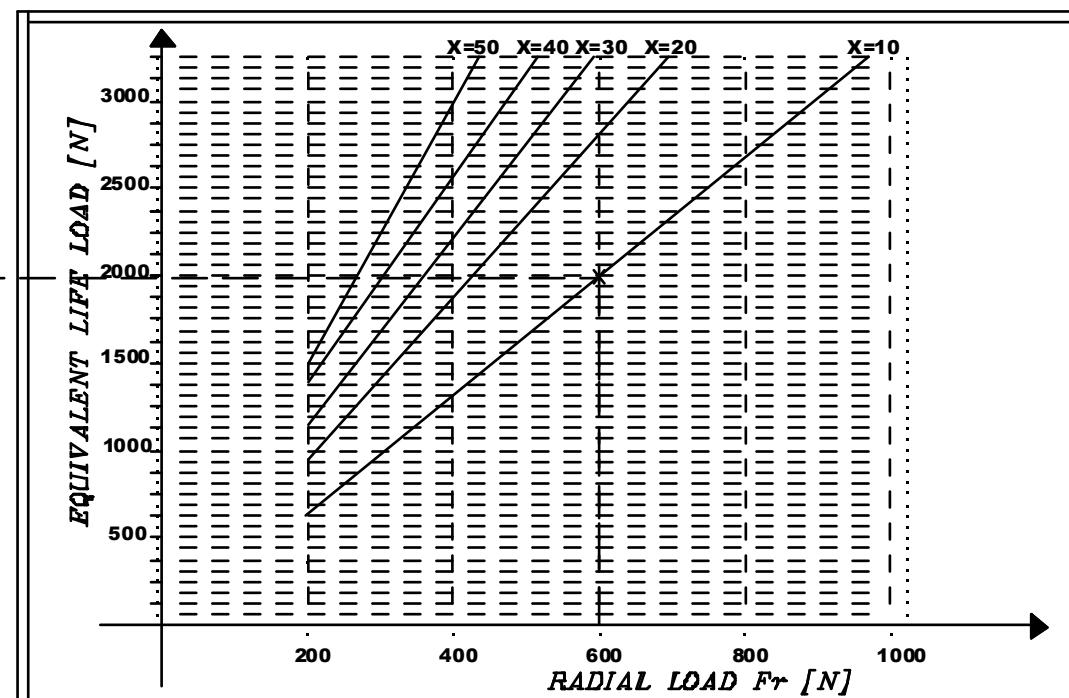
VERIFY OF BEARING LIFE



X = Distance of the radial flange result from the mounting flange

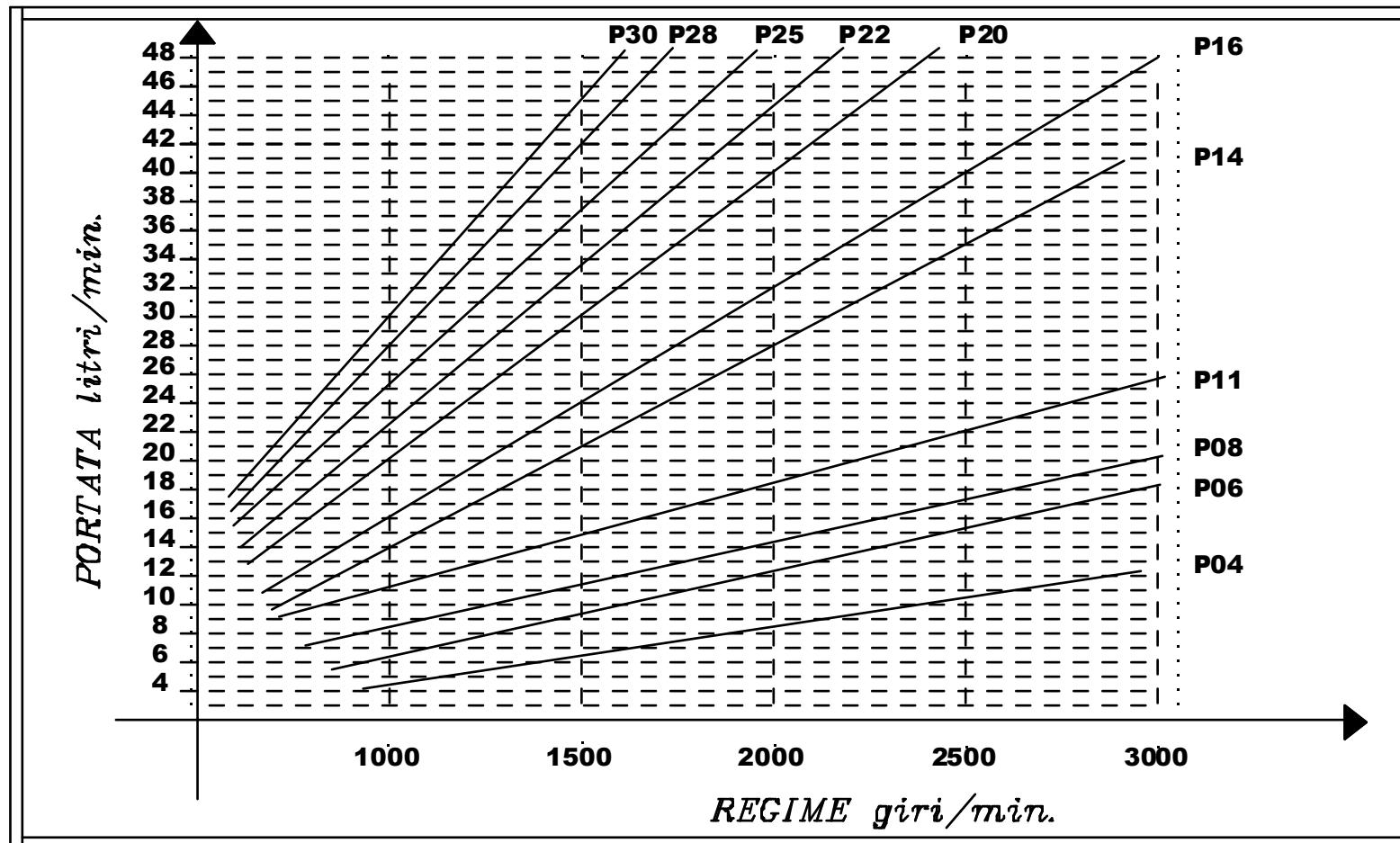
Each curve has been obtained at:
Lubricant oil ISO VG 46
Temperature 60° C (140° F)
Without or with very low axial load

Example
Fr = 600 N
X = 20 mm
Speed = 3000 rpm
Rating fatigue life ≈ 2750 h

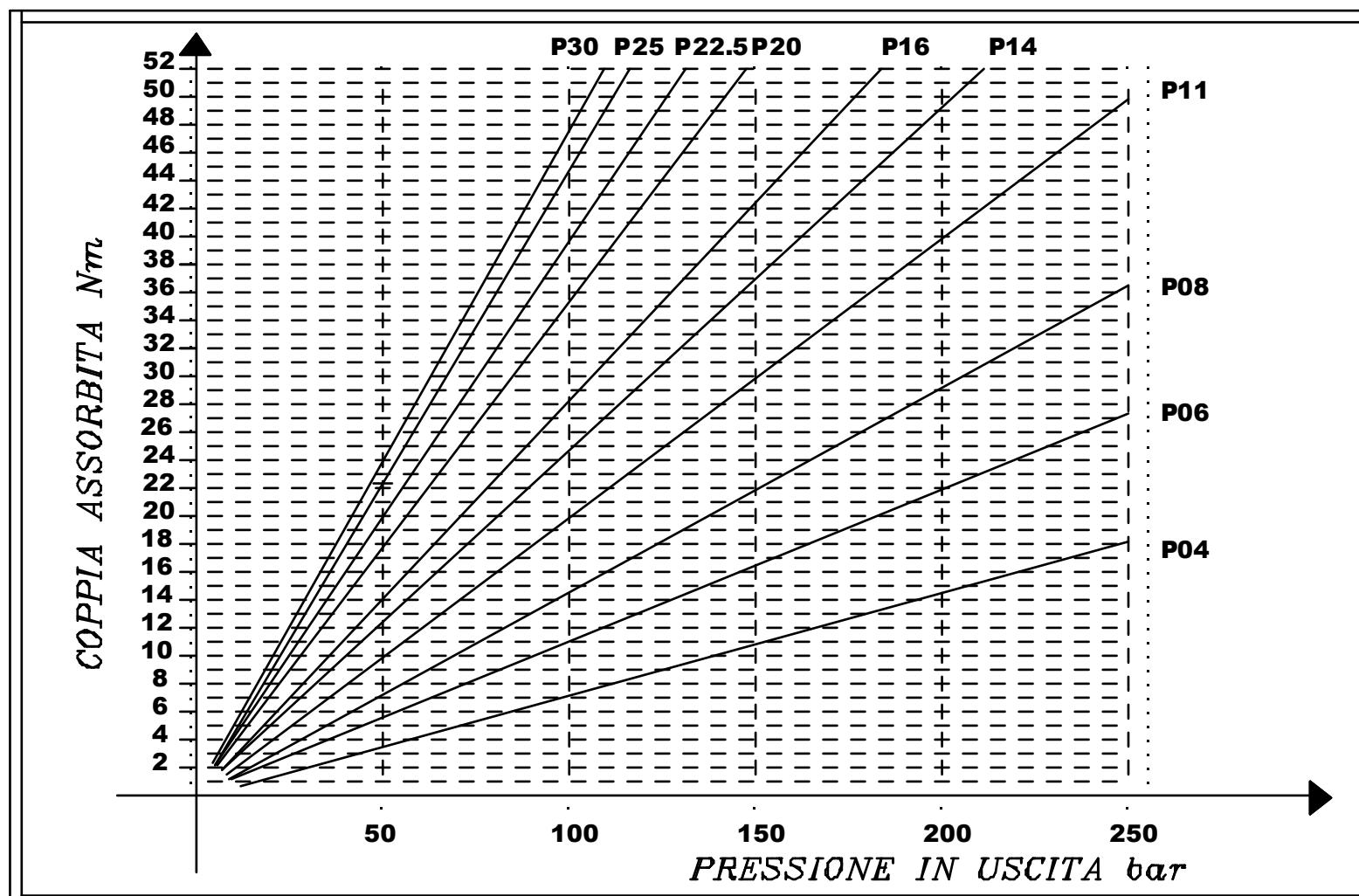


POMPE GRUPPO 2

CURVE CARATTERISTICHE DI PORTATA



COPPIA ASSORBITA

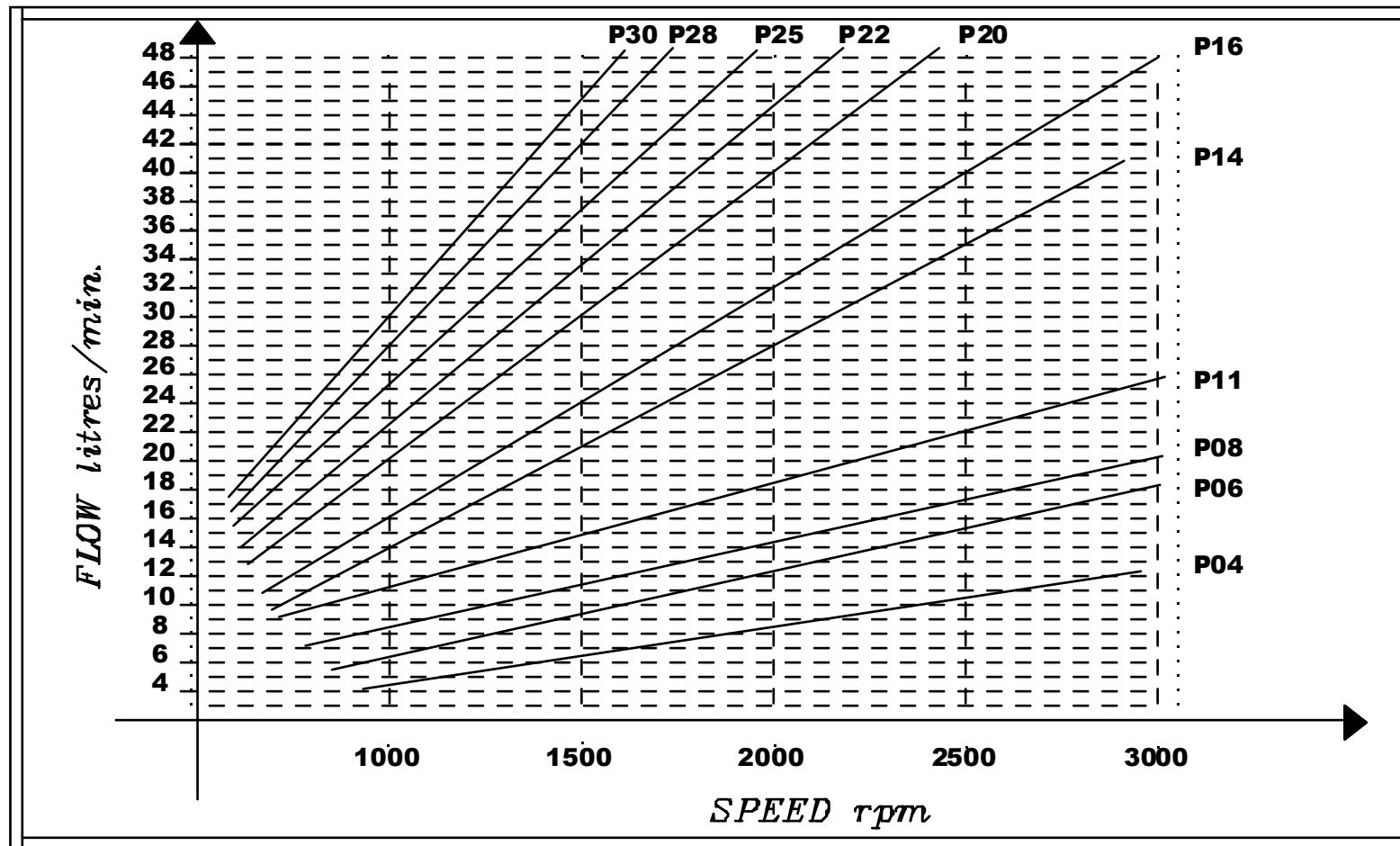


NOTE

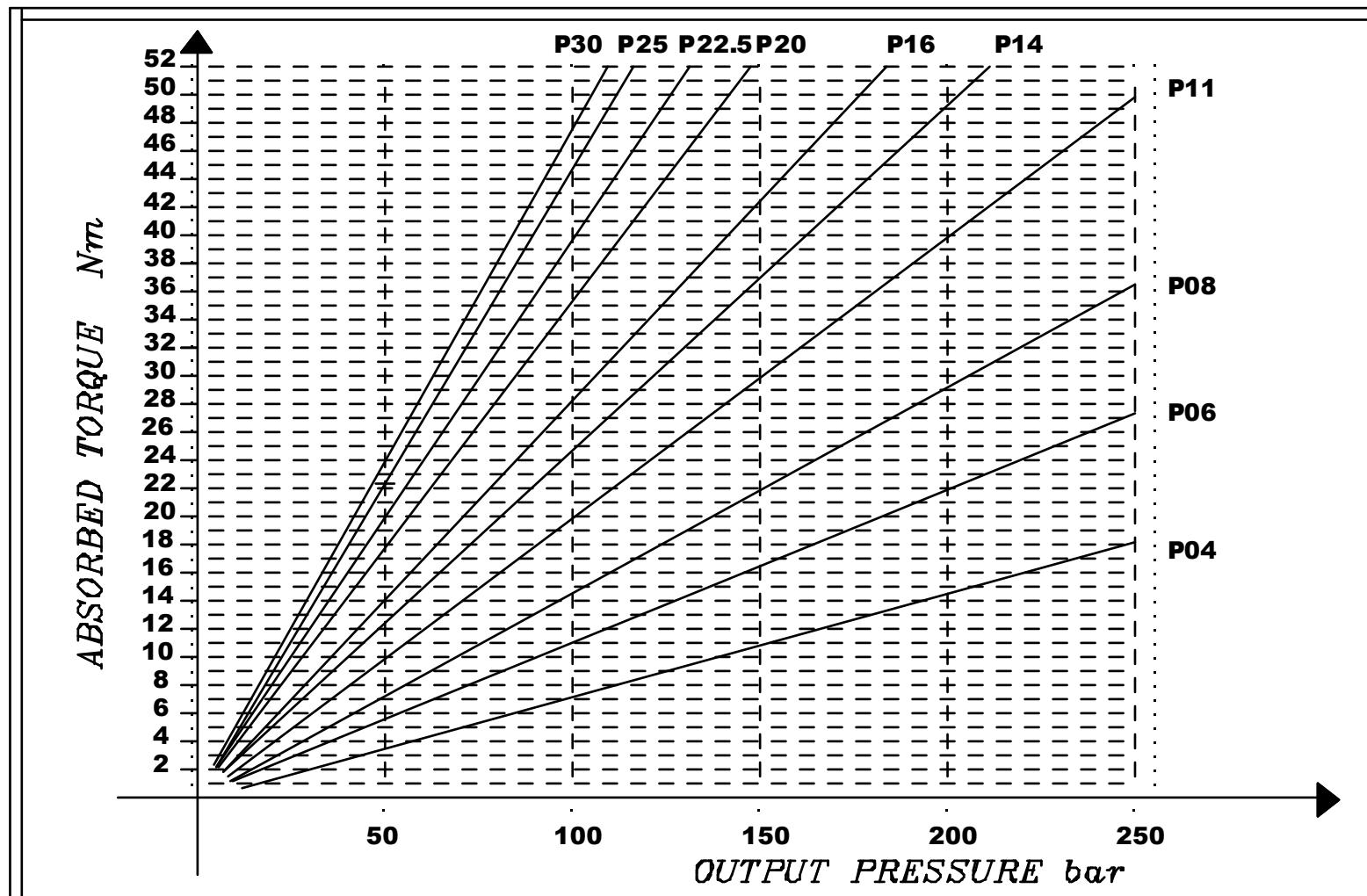
Le curve caratteristiche di portata sono state tracciate considerando un rendimento volumetrico del 95%

GROUP 2 PUMPS

FLOW CHARACTERISTICS CURVES



ABSORBED TORQUE



NOTE

Above flow characteristics curves have been made considering a volumetric efficiency of 95%

POMPE GRUPPO 2

DETERMINAZIONE DI UNA POMPA

<i>V</i>	Cilindrata	cm³/giro
<i>Q</i>	Portata	l/min
<i>P</i>	Potenza	kW
<i>C</i>	Coppia	Nm
<i>N</i>	Velocita'	g/min
ΔP	Pressione	bar
<i>n_v</i>	Rendimento volumetrico	0.85
<i>n_m</i>	Rendimento meccanico	0.9
<i>n_t</i>	Rendimento totale	0.80

$$Q = V \cdot n_v \cdot N \cdot 10^{-3} \quad l/min$$

$$C = \frac{\Delta P \cdot V}{62.8 \cdot n_m} \quad Nm$$

$$P = \frac{\Delta P \cdot V \cdot N}{612000 \cdot n_t} \quad kW$$

GROUP 2 PUMPS

PUMP CALCULATION

<i>V</i>	Displacement	cc / rev
<i>Q</i>	Flow	l/min
<i>P</i>	Power	kW
<i>C</i>	Torque	Nm
<i>N</i>	Speed	rpm
ΔP	Pressure	bar
<i>n_v</i>	Volumetric efficiency	0.85
<i>n_m</i>	Mechanical efficiency	0.9
<i>n_t</i>	Total efficiency	0.80

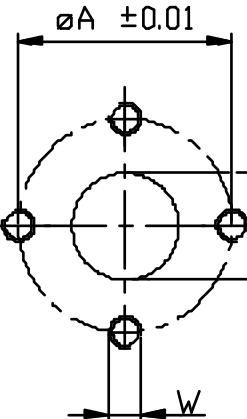
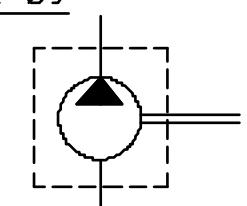
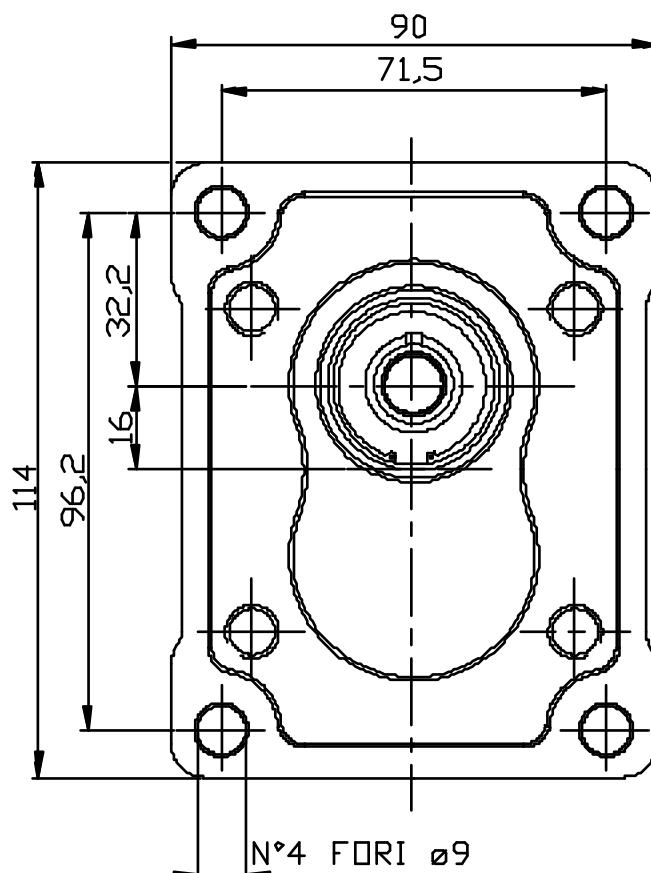
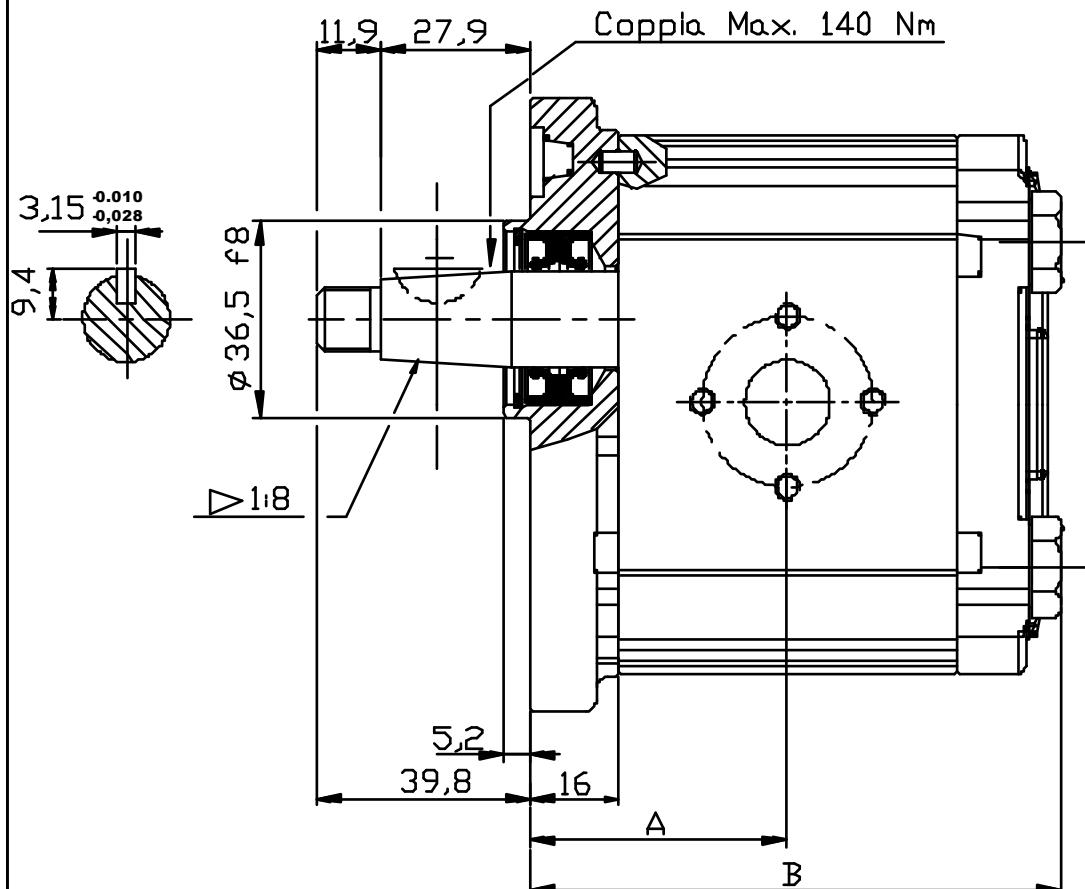
$$Q = V \cdot n_v \cdot N \cdot 10^{-3} \quad l/min$$

$$C = \frac{\Delta P \cdot V}{62.8 \cdot n_m} \quad Nm$$

$$P = \frac{\Delta P \cdot V \cdot N}{612000 \cdot n_t} \quad kW$$

POMPE GRUPPO 2- STANDARD EUROPEO

VERSIONE: P28 P2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	40,00	83,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	41,50	86,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	43,00	89,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	45,15	93,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	47,15	97,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	48,60	100,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	51,50	106,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	57,35	118,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	59,25	122,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	61,35	126,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	62,75	129,0	20	40	M8	13	30	M6

ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / P 28 P2

Serie

Flangia standard Europeo

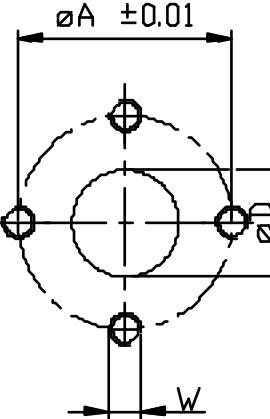
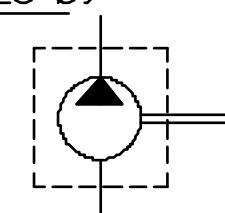
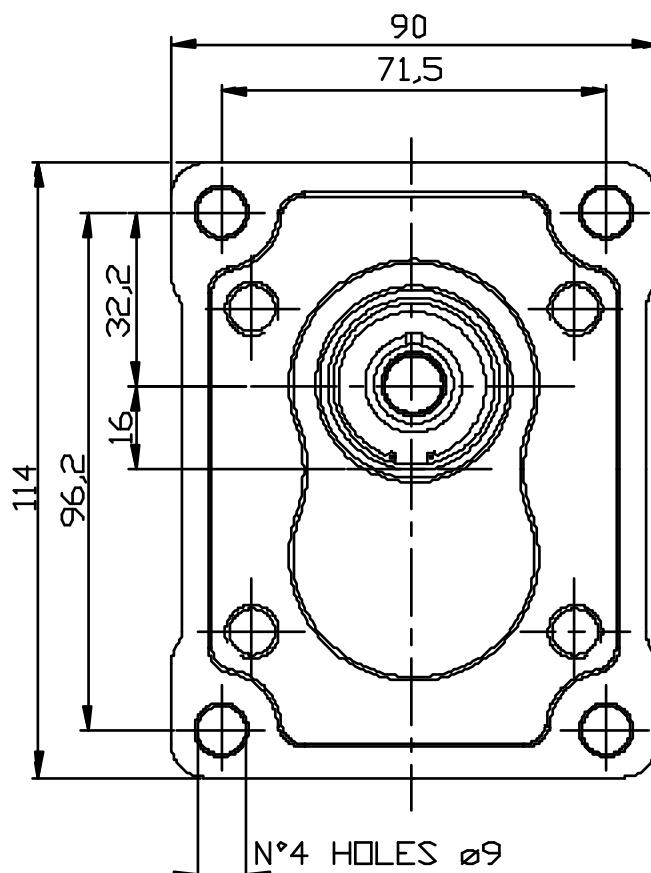
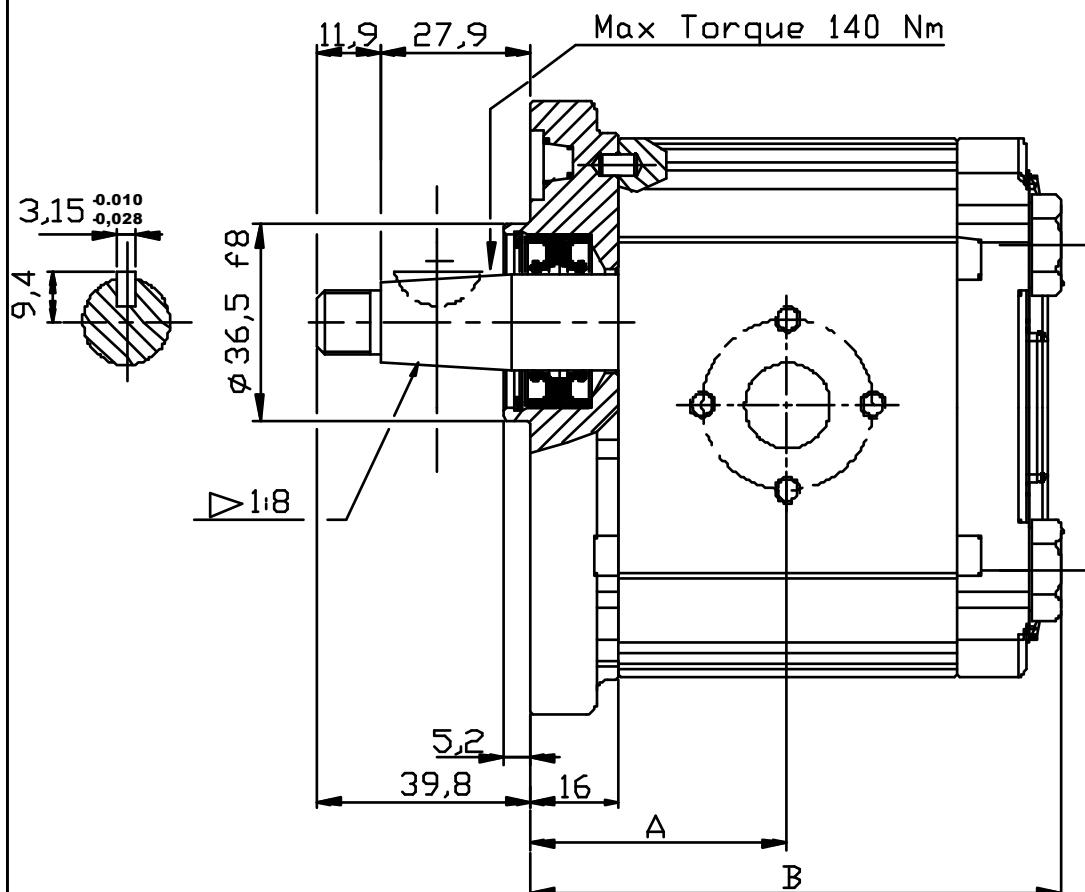
Pompa

Albero conico (1:8)

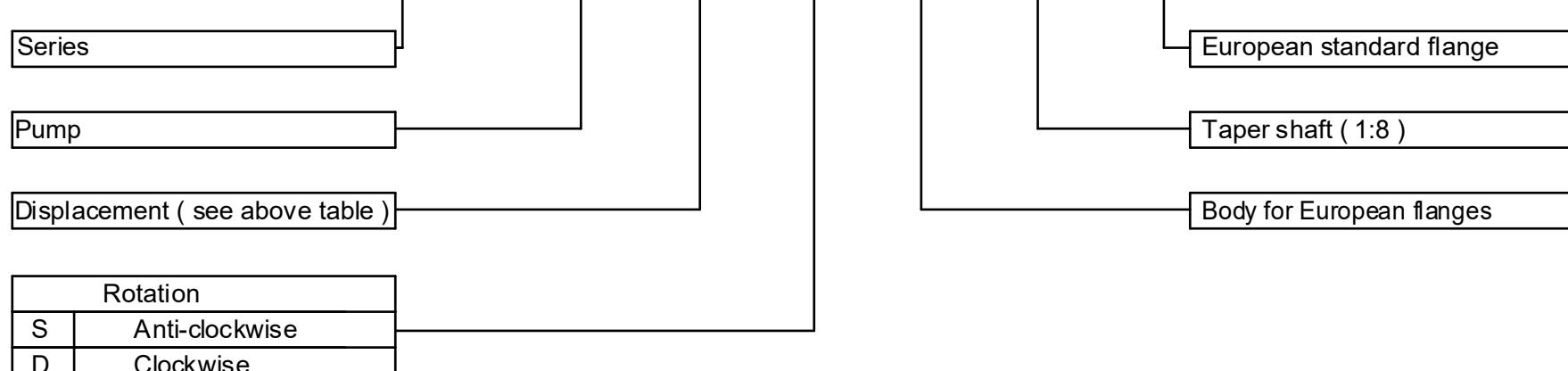
Cilindrata (vedere tabella)

Corpo con bocche a flangia

Rotazione	
S	Sinistra
D	Destra

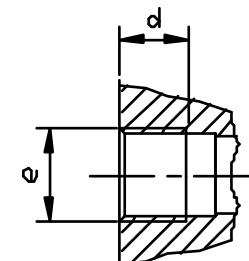
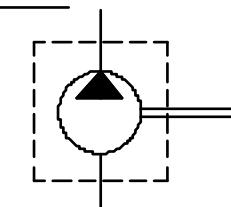
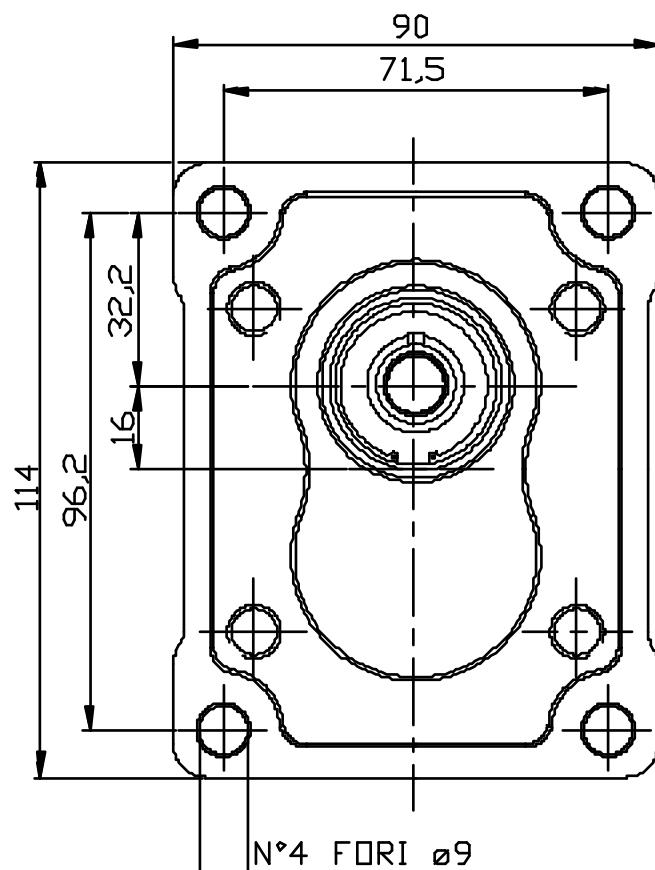
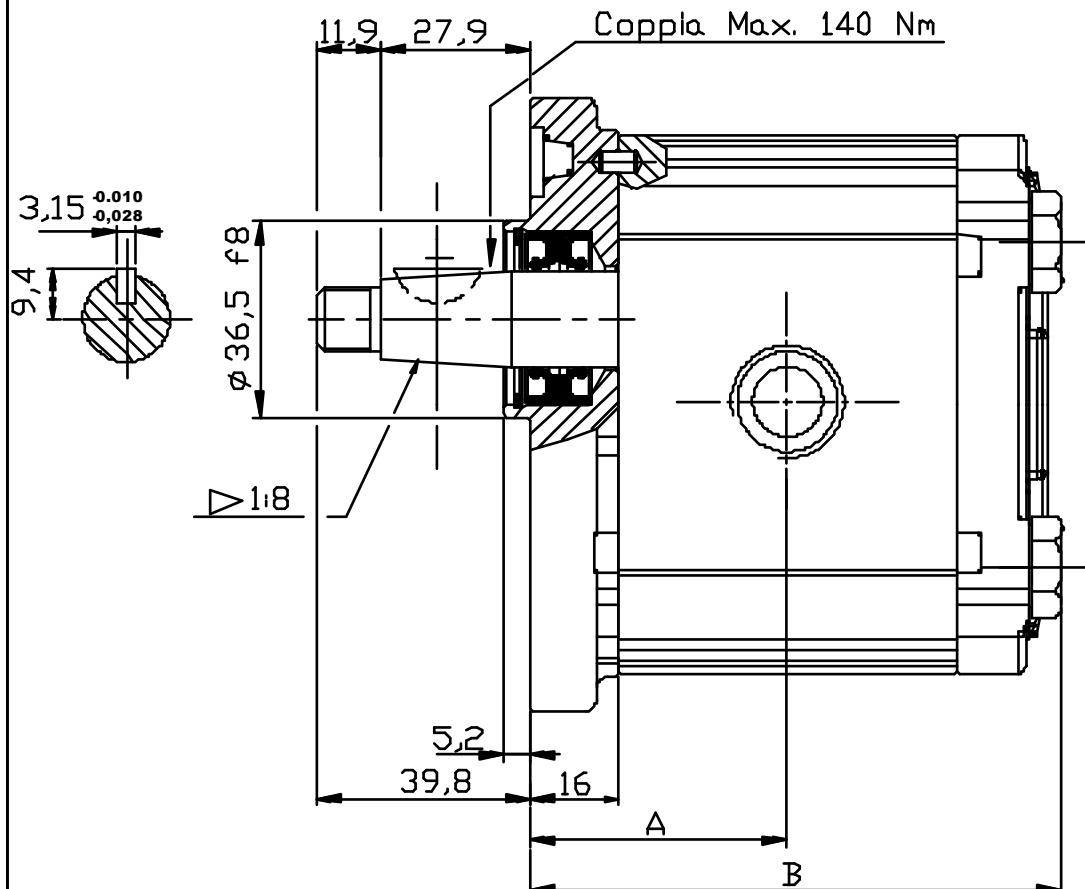
GROUP 2 PUMPS- EUROPEAN STANDARD
VERSION: P28 P2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	40,00	83,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	41,50	86,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	43,00	89,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	45,15	93,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	47,15	97,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	48,60	100,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	51,50	106,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	57,35	118,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	59,25	122,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	61,35	126,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	62,75	129,0	20	40	M8	13	30	M6

EXAMPLE OF ORDERING CODE
OT200 P 08 S / P 28 P2


POMPE GRUPPO 2- STANDARD EUROPEO

VERSIONE: G28 P2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata	
					(mm)	e	d	e	d	
OT 200 P04	04,10	250	300	4000	40,00	83,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	41,50	86,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	43,00	89,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	45,15	93,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	47,15	97,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	48,60	100,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	51,50	106,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	57,35	118,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	59,25	122,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	61,35	126,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	62,75	129,0	G3/4	16	G1/2	14

ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / G 28 P2

Serie

Flangia standard Europeo

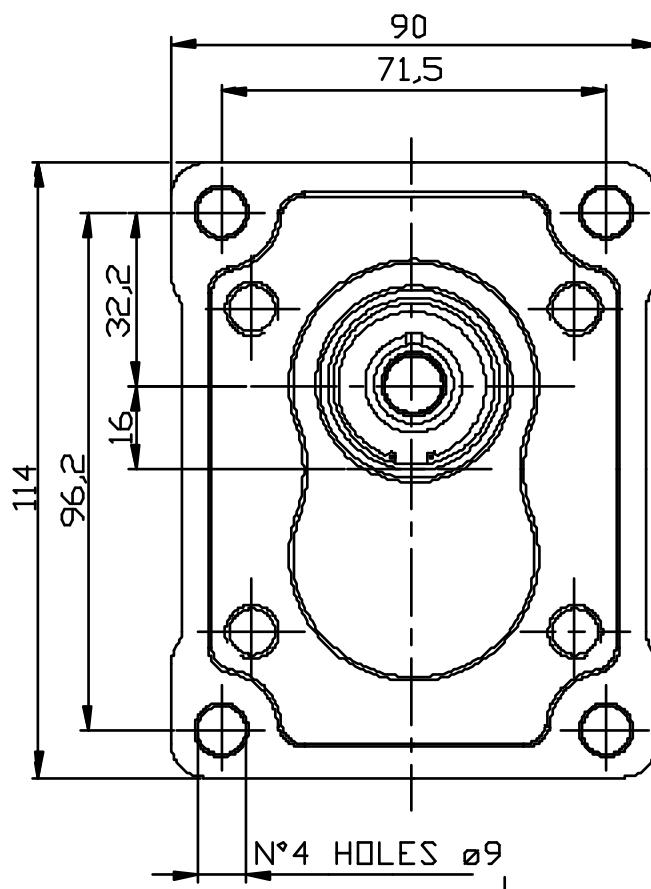
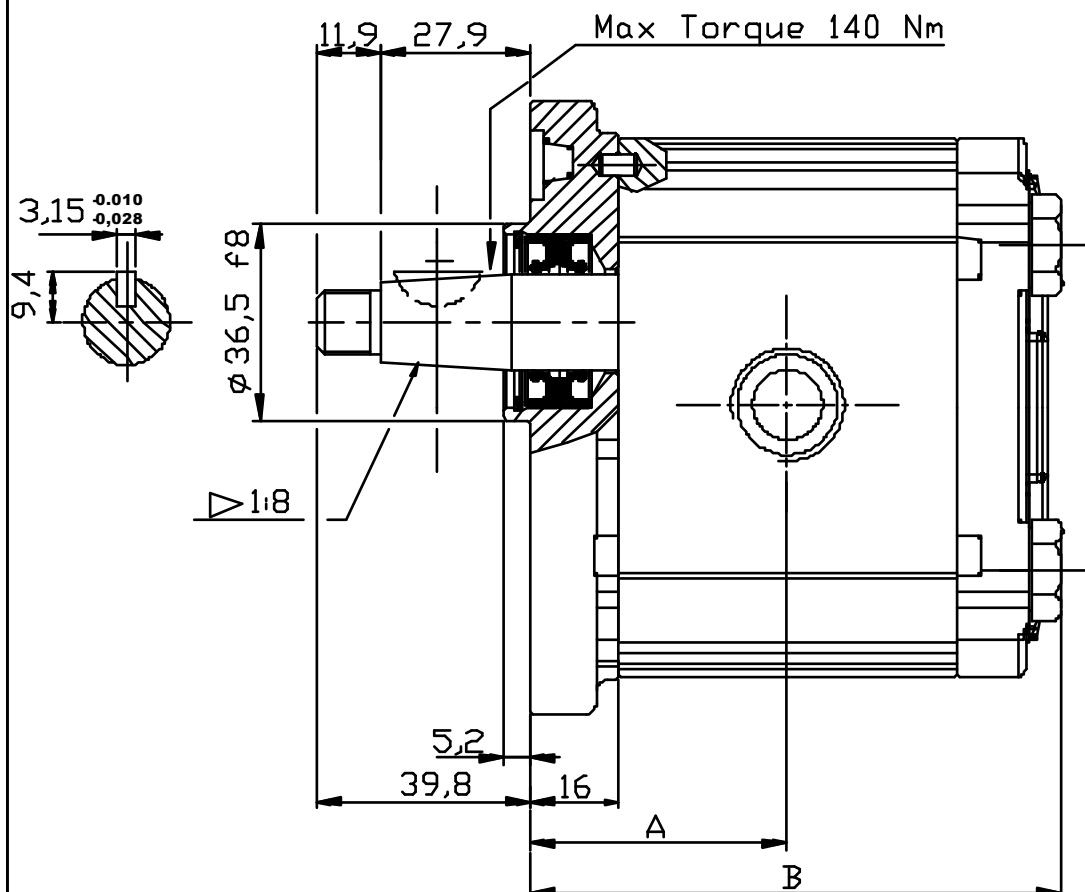
Pompa

Albero conico (1:8)

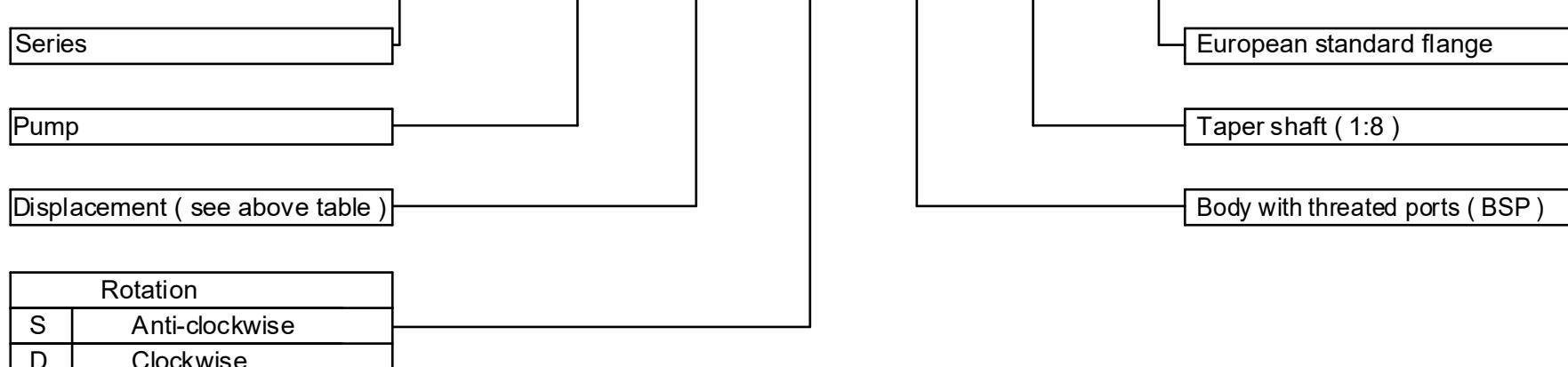
Cilindrata (vedere tabella)

Corpo con bocche filettate (GAS)

Rotazione	
S	Sinistra
D	Destra

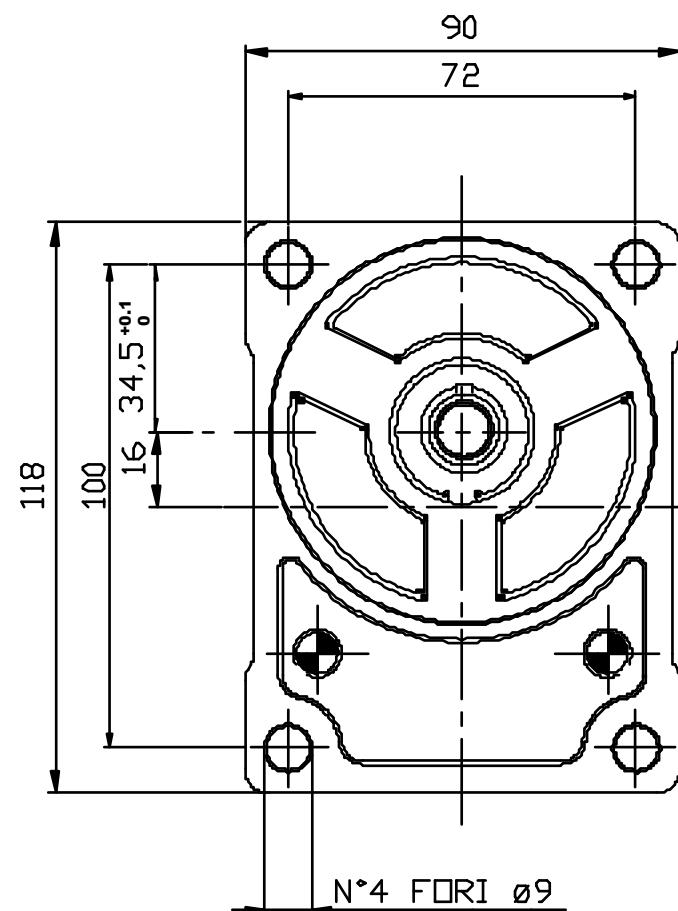
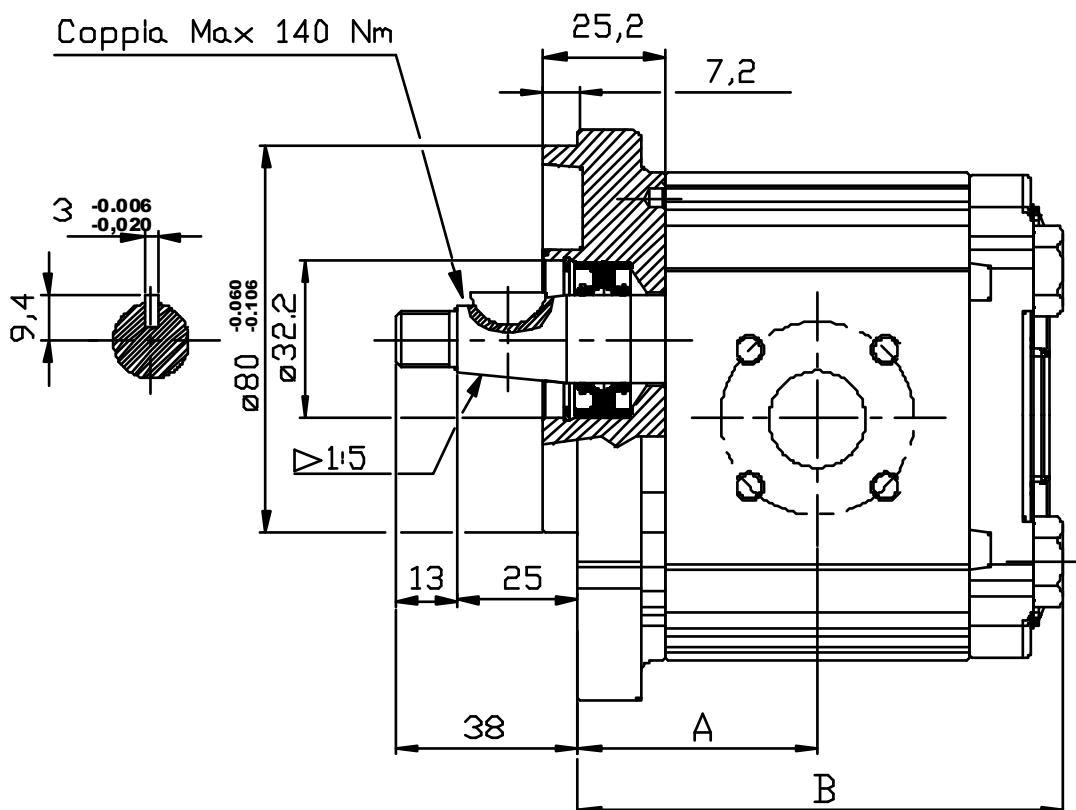
GROUP 2 PUMPS- EUROPEAN STANDARD
VERSION: G28 P2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port		Outlet port	
					B	(mm)	e	d	e	d
OT 200 P04	04,10	250	300	4000	40,00	83,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	41,50	86,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	43,00	89,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	45,15	93,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	47,15	97,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	48,60	100,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	51,50	106,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	57,35	118,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	59,25	122,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	61,35	126,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	62,75	129,0	G3/4	16	G1/2	14

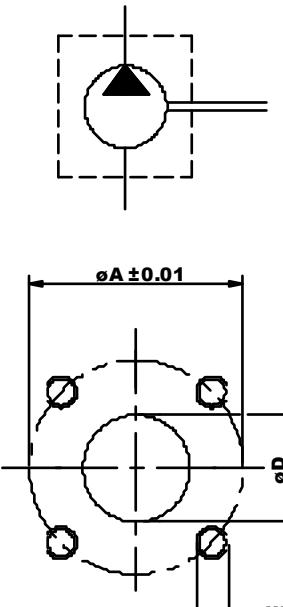
EXAMPLE OF ORDERING CODE
OT200 P 08 S / G 28 P2


POMPE GRUPPO 2- UNIFICAZIONE TEDESCA

VERSIONE: B25 B2

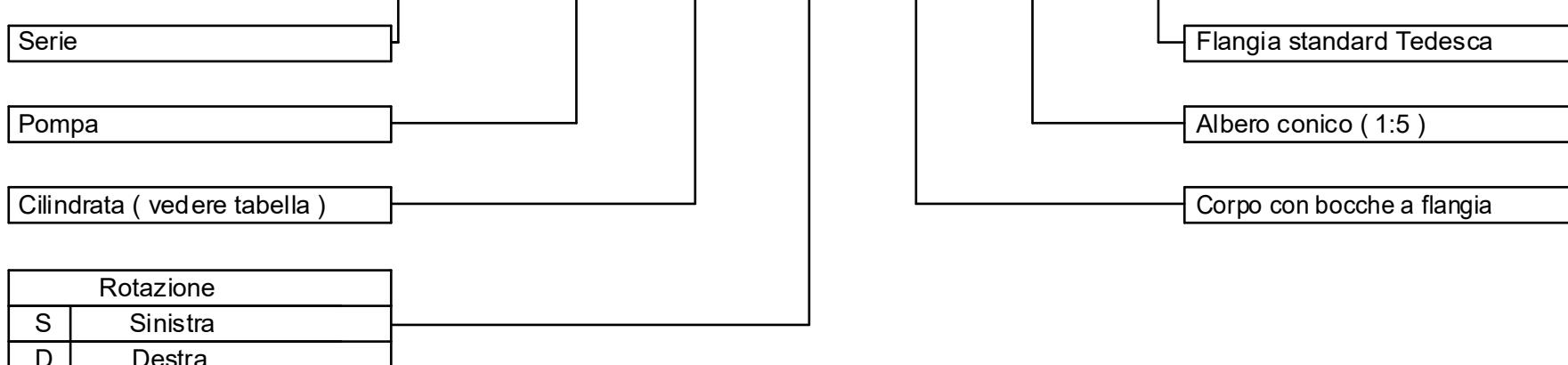


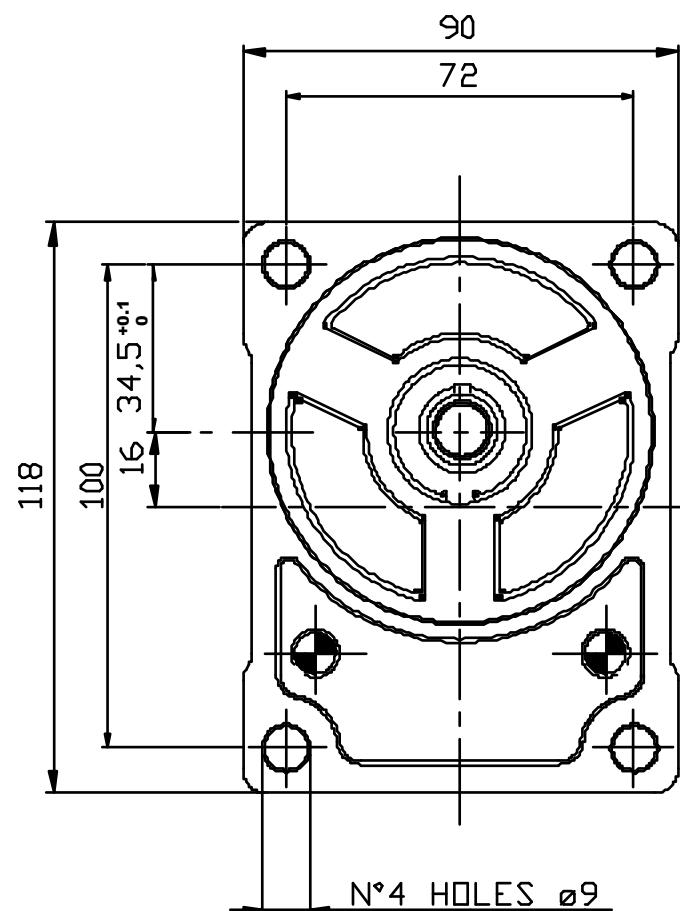
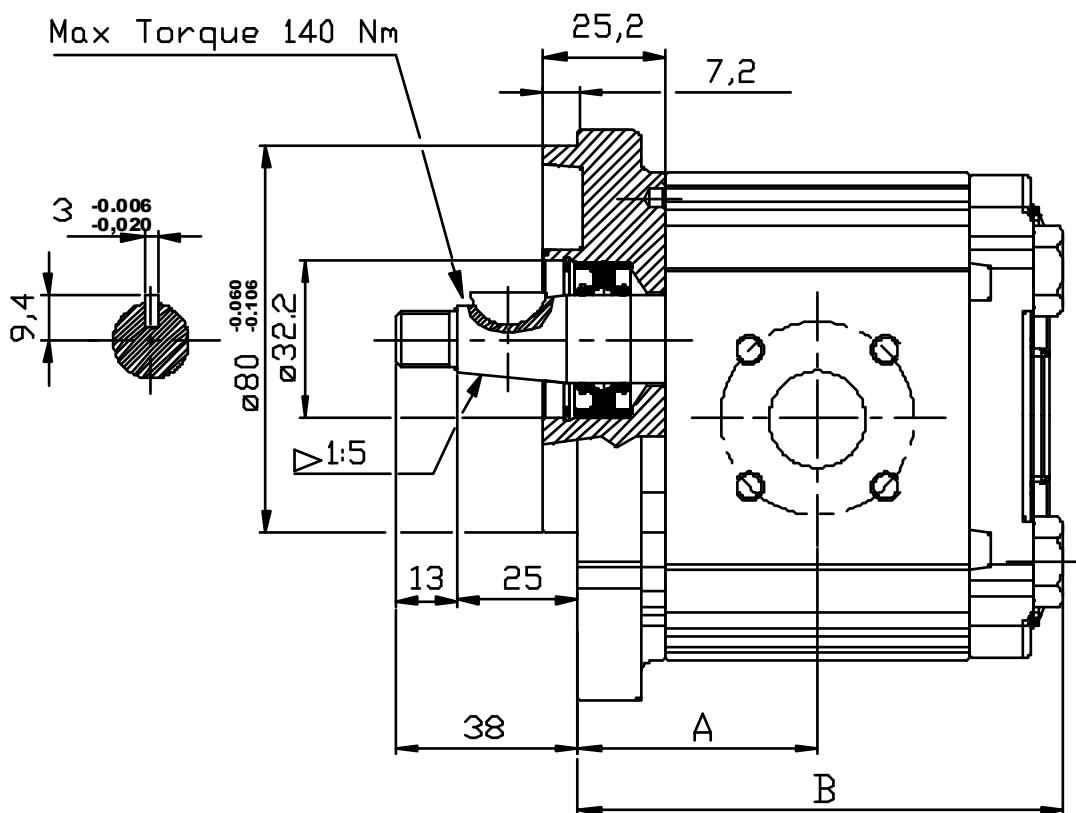
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione			Bocca di mandata		
					ØD	ØA	W	ØD	ØA	W	ØD	ØA
OT 200 P04	04,10	250	300	4000	42,00	85,50	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	43,50	88,50	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	45,00	91,50	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	47,15	95,80	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	49,15	99,80	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	50,60	102,7	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	53,50	108,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	59,35	120,2	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	61,25	124,0	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	63,35	128,2	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	64,75	131,0	20	40	M6	15	35	M6



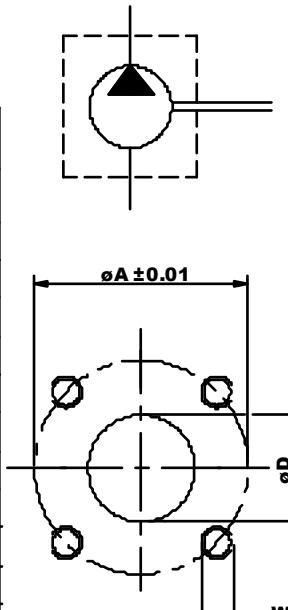
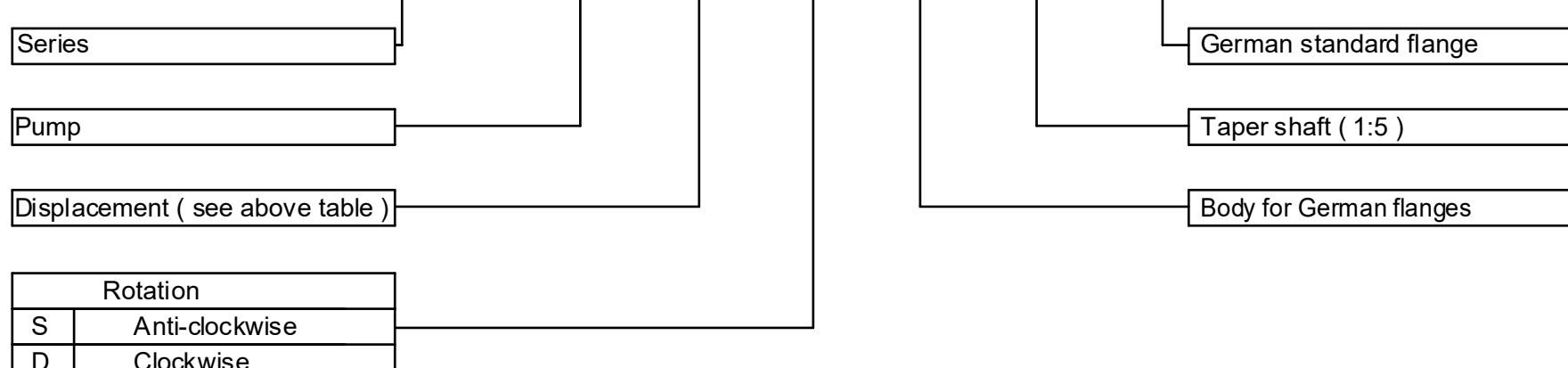
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B 25 B2



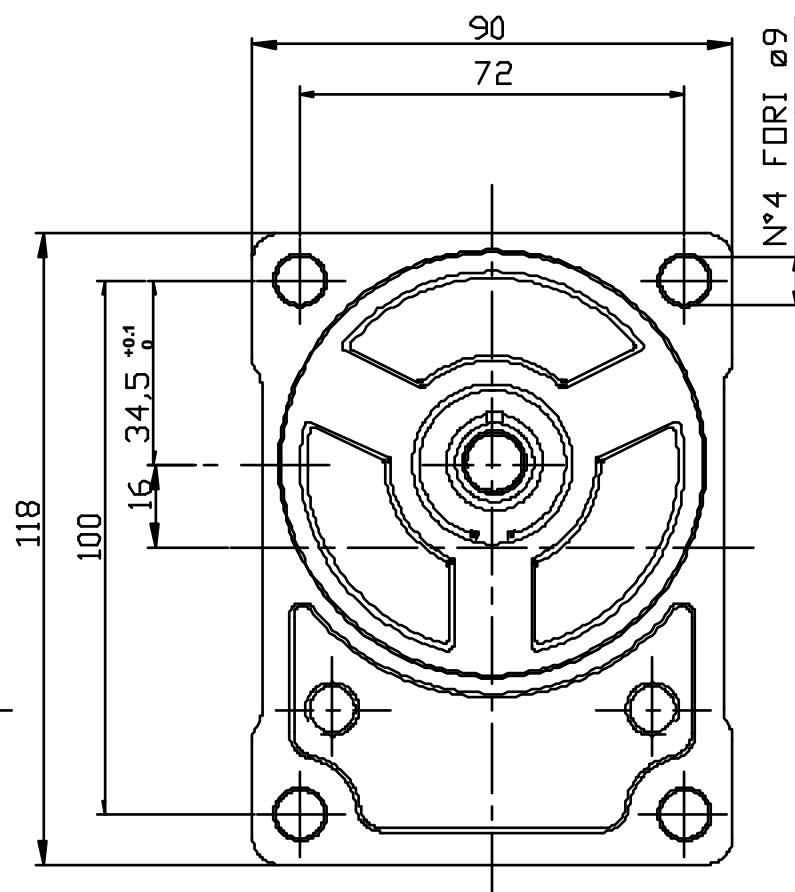
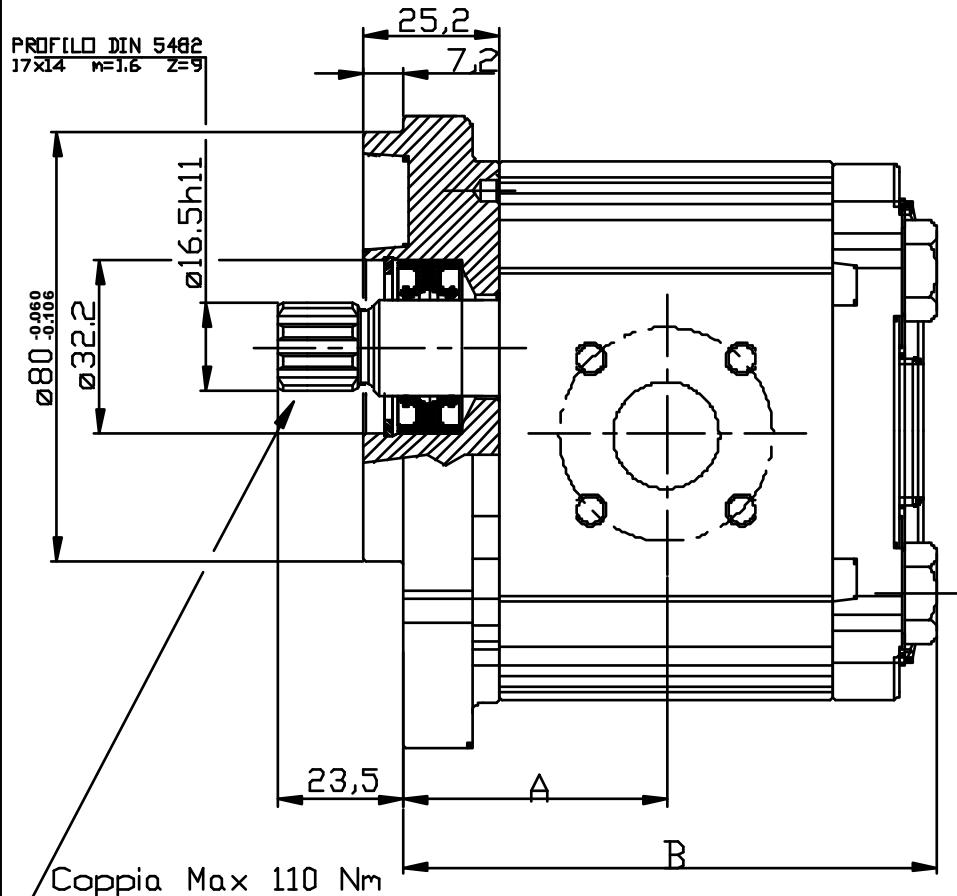
GROUP 2 PUMPS- GERMAN STANDARD
VERSION: B25 B2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	42,00 85,50	20	40	M6	15	35	M6	
OT 200 P06	06,20	250	300	3500	43,50 88,50	20	40	M6	15	35	M6	
OT 200 P08	08,20	250	300	3500	45,00 91,50	20	40	M6	15	35	M6	
OT 200 P11	11,20	250	300	3500	47,15 95,80	20	40	M6	15	35	M6	
OT 200 P14	14,00	240	300	3000	49,15 99,80	20	40	M6	15	35	M6	
OT 200 P16	16,00	240	300	3000	50,60 102,7	20	40	M6	15	35	M6	
OT 200 P20	20,00	200	240	3000	53,50 108,5	20	40	M6	15	35	M6	
OT 200 P22	22,50	170	210	2500	59,35 120,2	20	40	M6	15	35	M6	
OT 200 P25	25,10	170	210	2500	61,25 124,0	20	40	M6	15	35	M6	
OT 200 P28	28,00	140	180	2500	63,35 128,2	20	40	M6	15	35	M6	
OT 200 P30	30,00	130	170	2000	64,75 131,0	20	40	M6	15	35	M6	

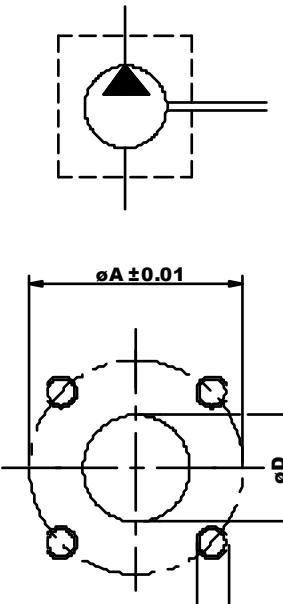

EXAMPLE OF ORDERING CODE
OT200 P 08 S / B 25 B2


POMPE GRUPPO 2- UNIFICAZIONE TEDESCA

VERSIONE: B23 B2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	42,00	85,50	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	43,50	88,50	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	45,00	91,50	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	47,15	95,80	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	49,15	99,80	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	50,60	102,7	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	53,50	108,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	59,35	120,2	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	61,25	124,0	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	63,35	128,2	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	64,75	131,0	20	40	M6	15	35	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B 23 B2

Serie

Pompa

Cilindrata (vedere tabella)

Rotazione

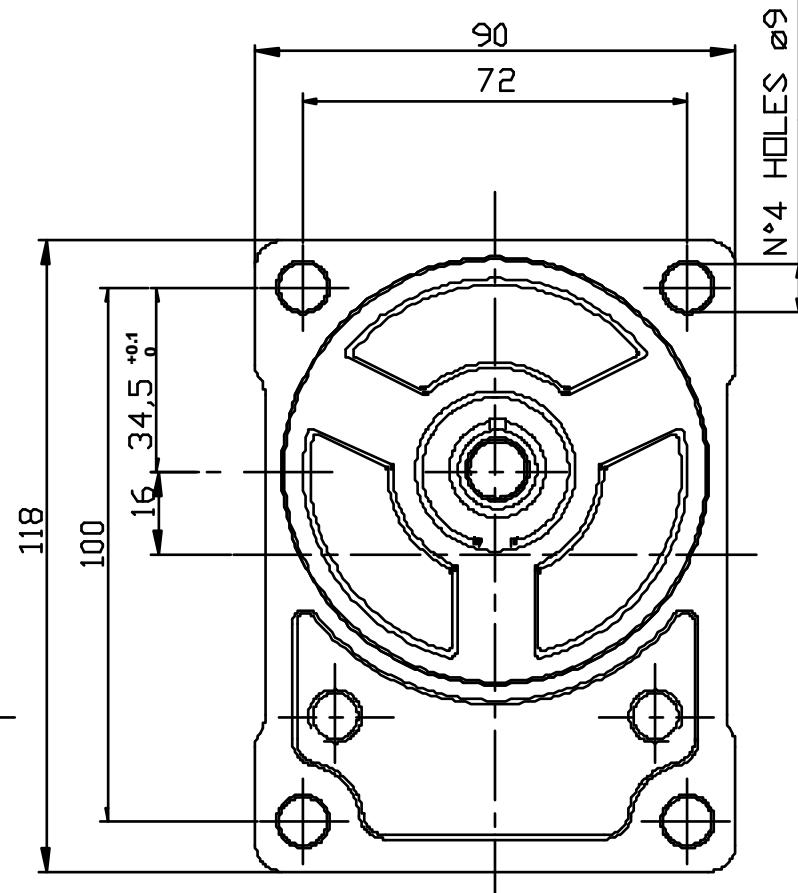
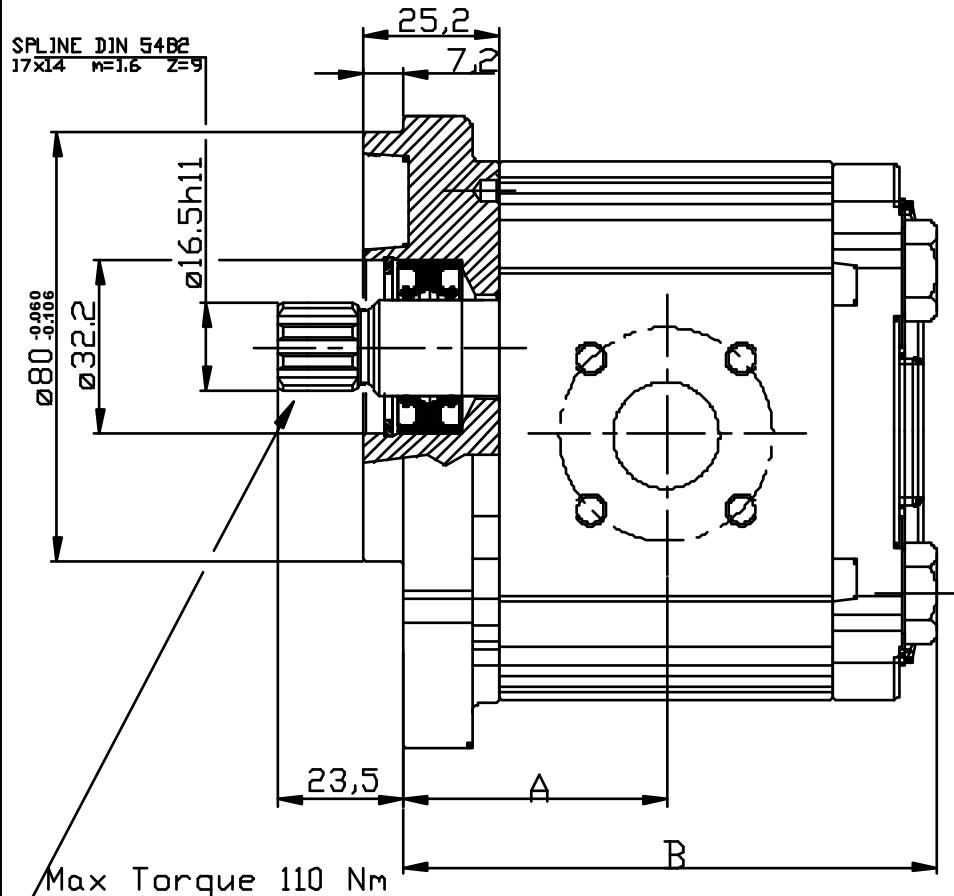
S Sinistra

D Destra

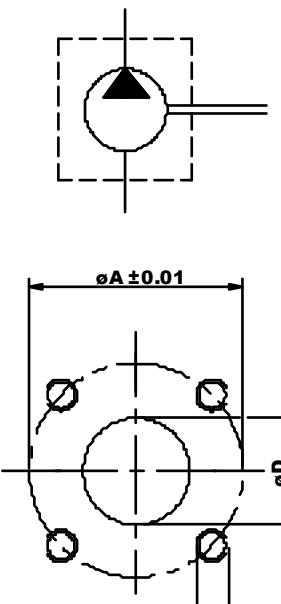
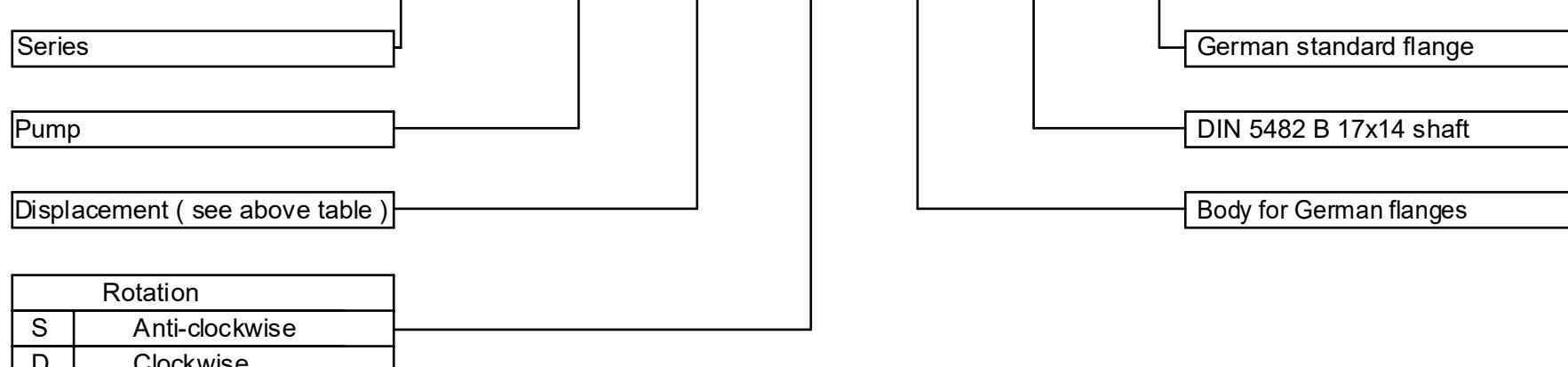
Flangia standard Tedesca

Albero DIN 5482 B 17x14

Corpo con bocche a flangia

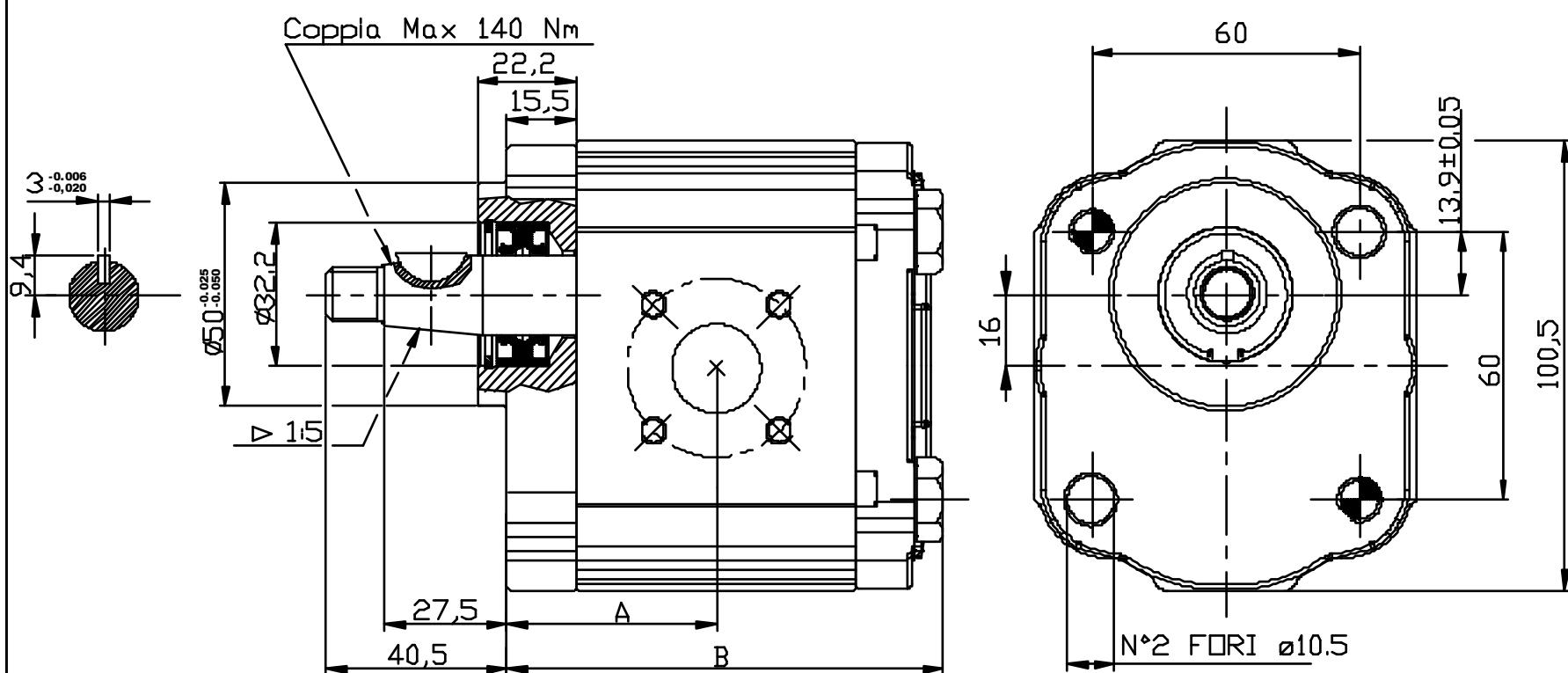
GROUP 2 PUMPS- GERMAN STANDARD
VERSION: B23 B2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	42,00	85,50	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	43,50	88,50	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	45,00	91,50	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	47,15	95,80	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	49,15	99,80	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	50,60	102,7	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	53,50	108,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	59,35	120,2	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	61,25	124,0	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	63,35	128,2	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	64,75	131,0	20	40	M6	15	35	M6

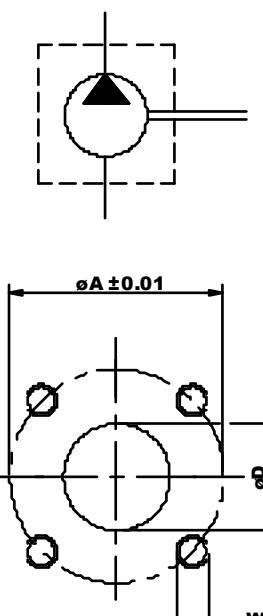

EXAMPLE OF ORDERING CODE
OT200 P 08 S / B 23 B2


POMPE GRUPPO 2- UNIFICAZIONE TEDESCA

VERSIONE: B25 B4

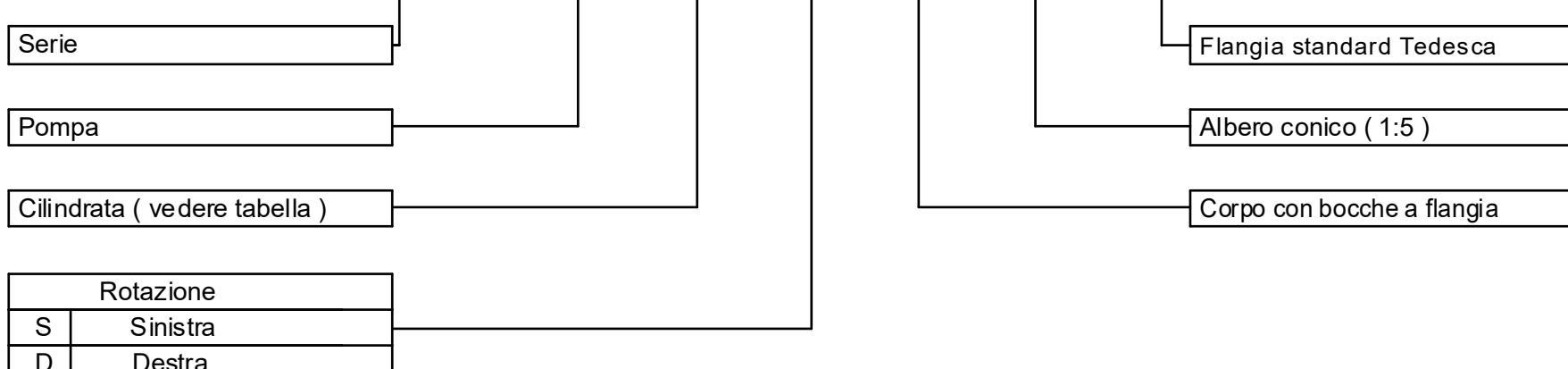


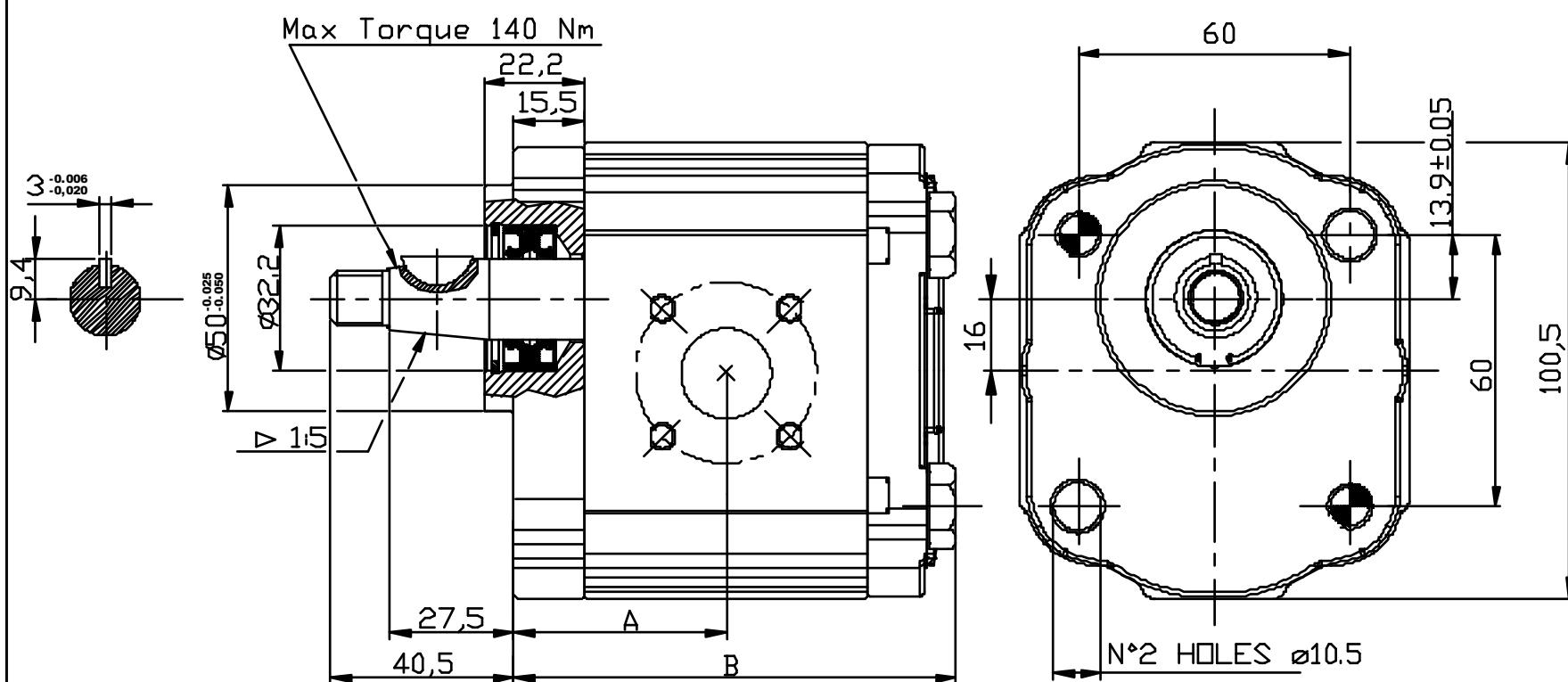
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione			Bocca di mandata		
					ØD	ØA	W	ØD	ØA	W	ØD	ØA
OT 200 P04	04,10	250	300	4000	39.50	83.00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41.00	86.00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42.50	89.00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45.65	93.30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46.65	97.30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48.10	100.2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51.00	103.5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56.85	117.7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58.75	121.5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60.85	125.7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62.25	128.5	20	40	M6	15	35	M6



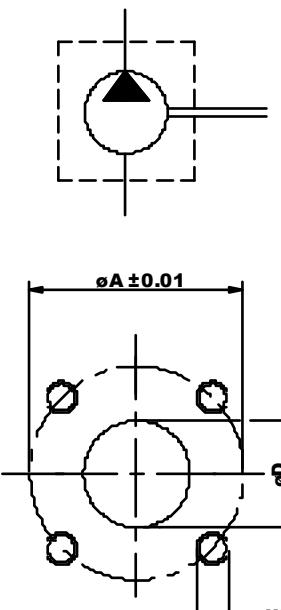
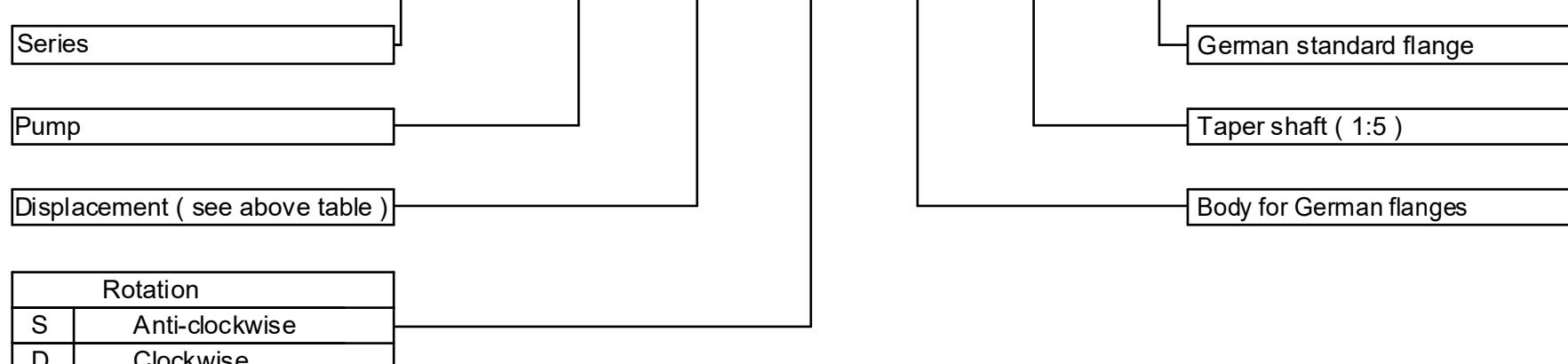
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B 25 B4



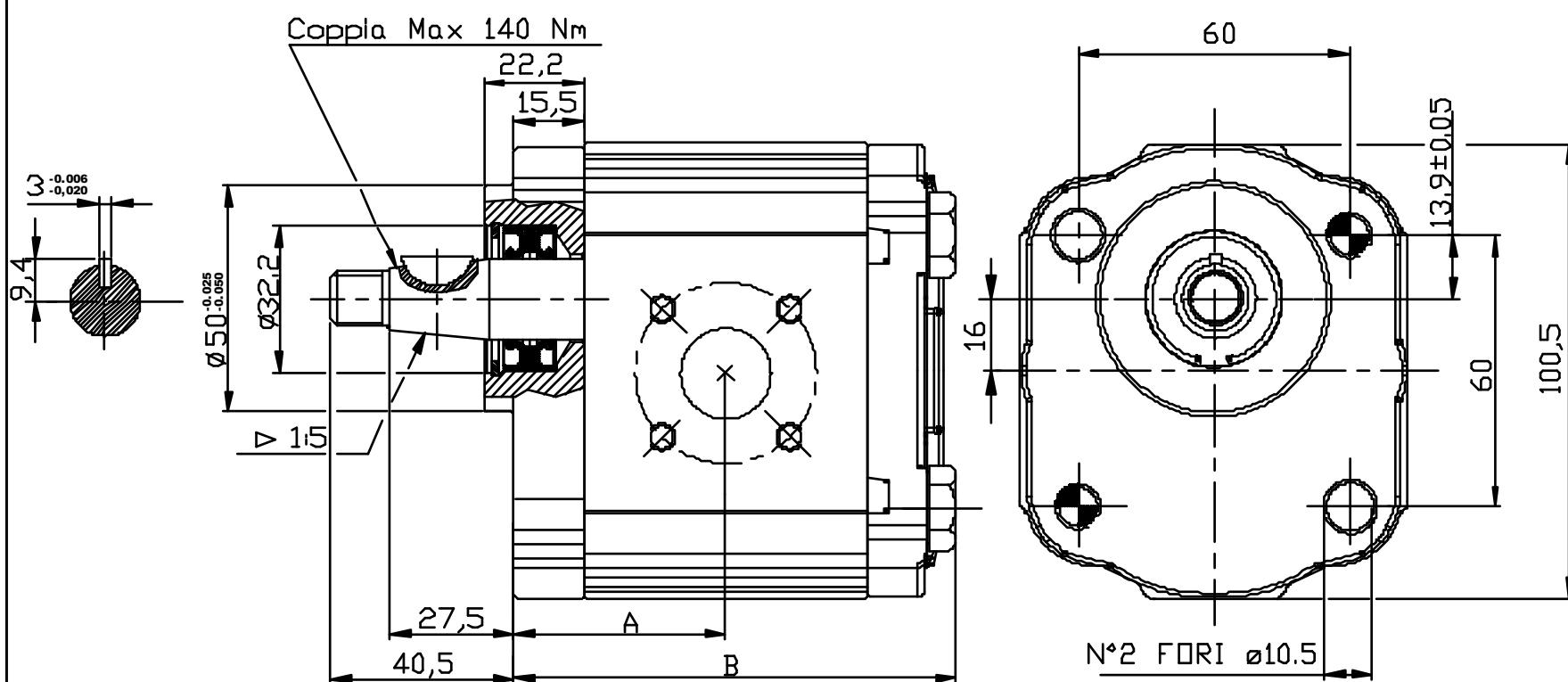
GROUP 2 PUMPS- GERMAN STANDARD
VERSION: B25 B4


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port			Outlet port		
					B	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	39.50	83.00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41.00	86.00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42.50	89.00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45.65	93.30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46.65	97.30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48.10	100.2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51.00	103.5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56.85	117.7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58.75	121.5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60.85	125.7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62.25	128.5	20	40	M6	15	35	M6

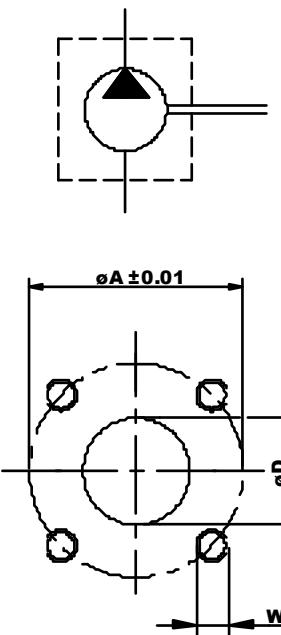

EXAMPLE OF ORDERING CODE
OT200 P 08 S / B 25 B4


POMPE GRUPPO 2- UNIFICAZIONE TEDESCA

VERSIONE: B25 B5

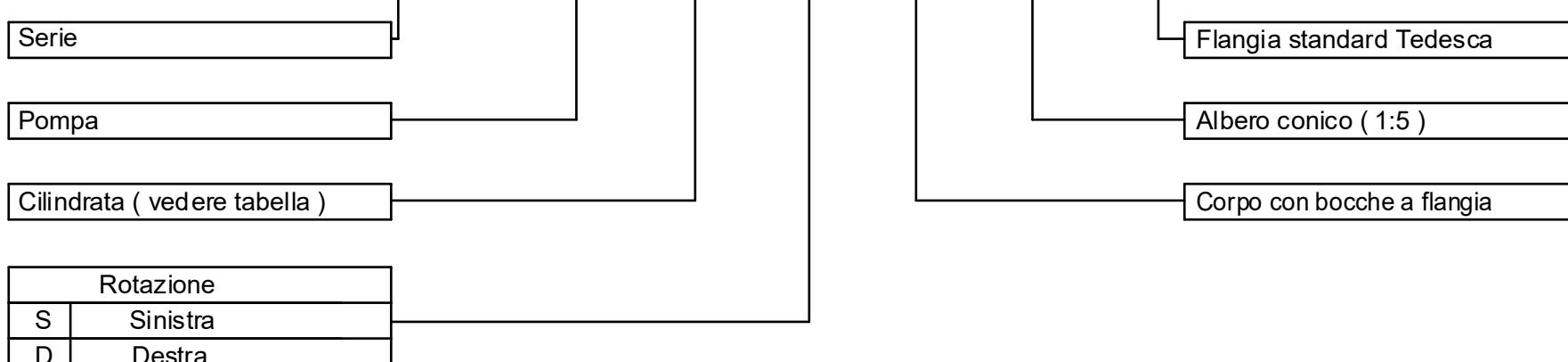


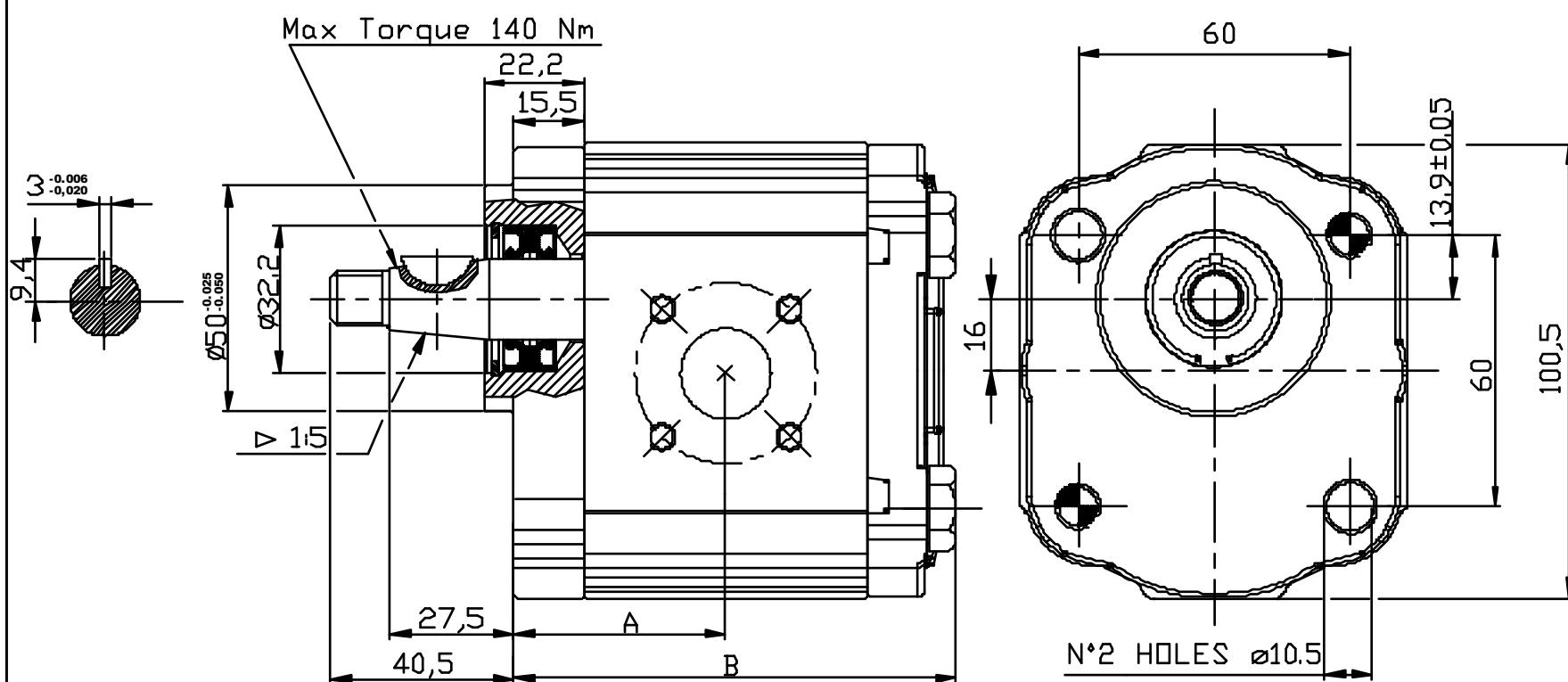
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	39.50	83,00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41.00	86,00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42.50	89,00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45.65	93,30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46.65	97,30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48.10	100,2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51.00	103,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56.85	117,7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58.75	121,5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60.85	125,7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62.25	128,5	20	40	M6	15	35	M6



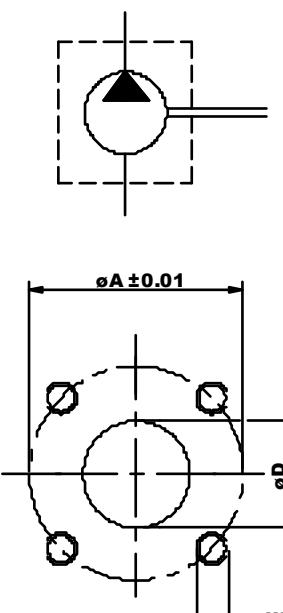
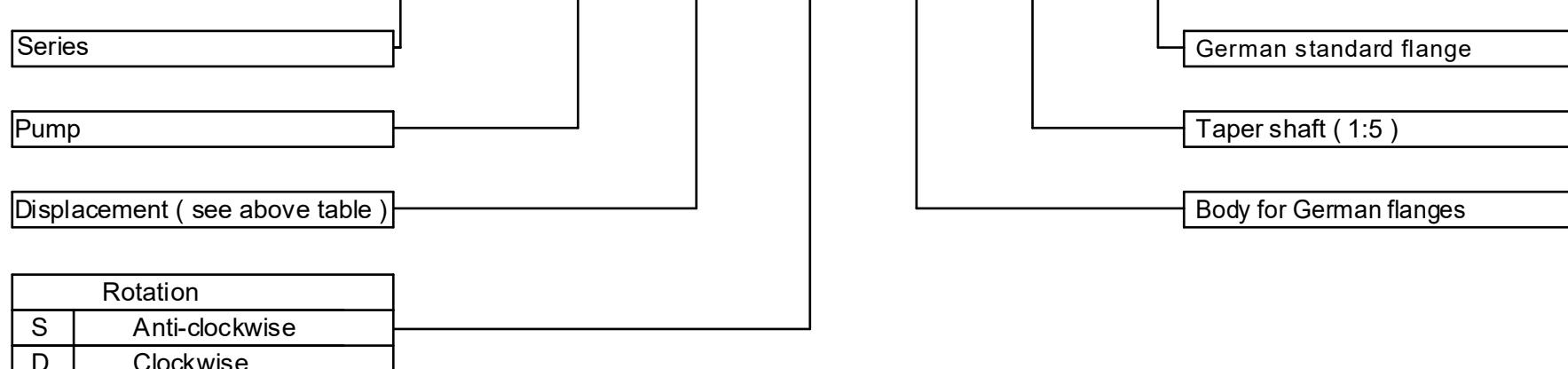
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B 25 B5



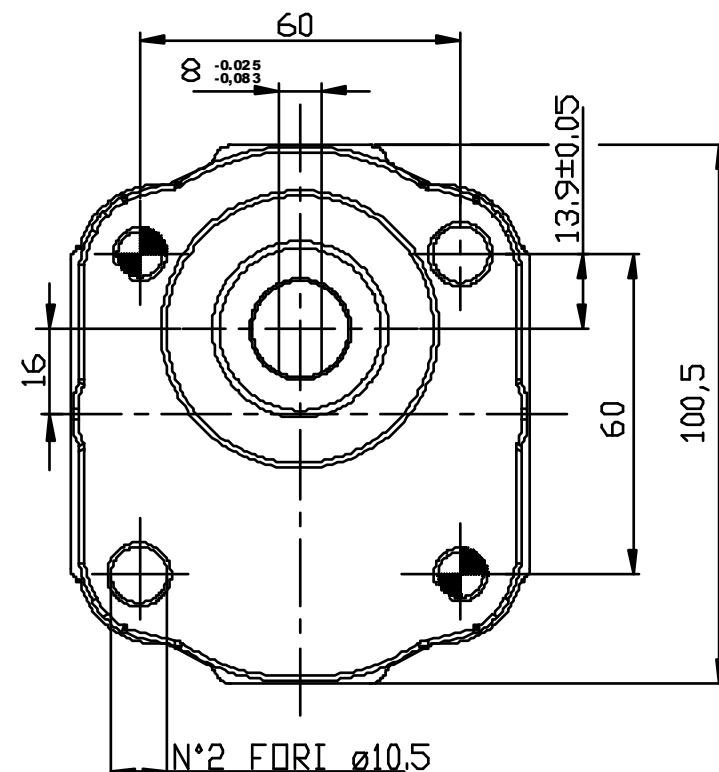
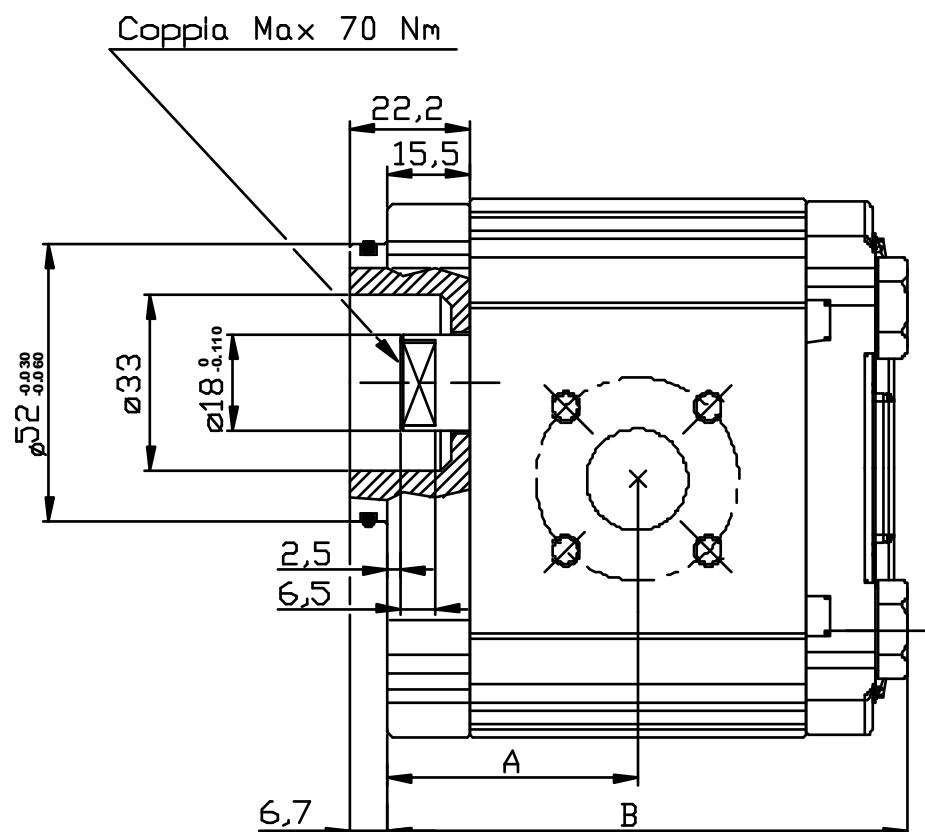
GROUP 2 PUMPS- GERMAN STANDARD
VERSION: B25 B5


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port			Outlet port		
					B	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	39.50	83,00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41.00	86,00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42.50	89,00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45.65	93,30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46.65	97,30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48.10	100,2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51.00	103,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56.85	117,7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58.75	121,5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60.85	125,7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62.25	128,5	20	40	M6	15	35	M6

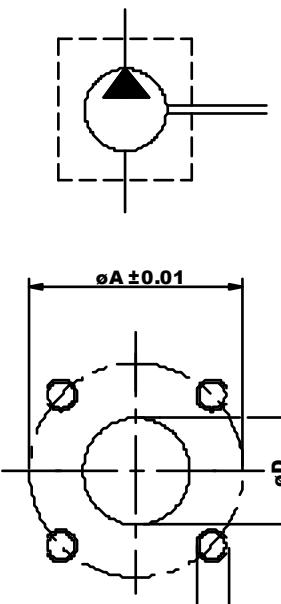

EXAMPLE OF ORDERING CODE
OT200 P 08 S / B 25 B5


POMPE GRUPPO 2- UNIFICAZIONE TEDESCA

VERSIONE: B24 B6

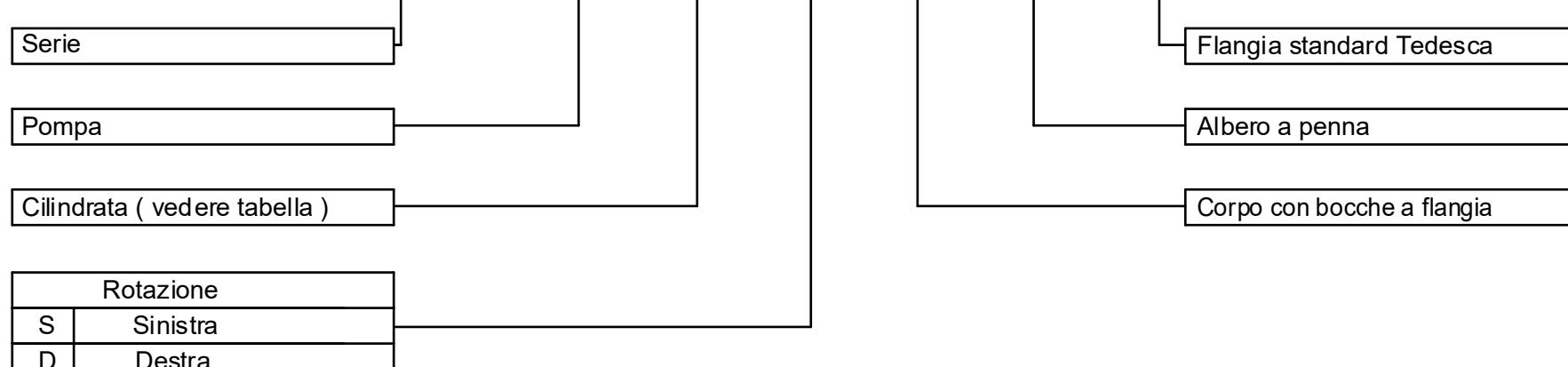


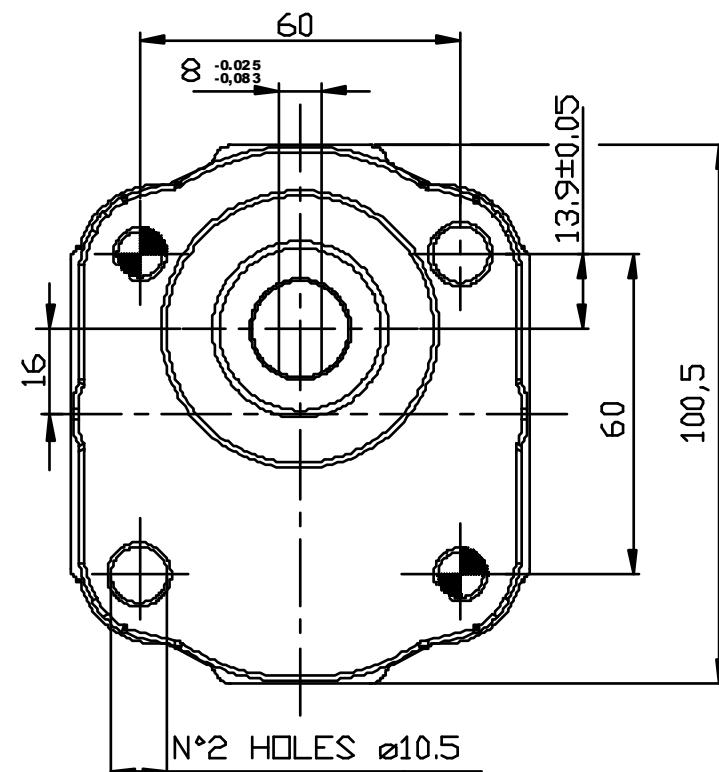
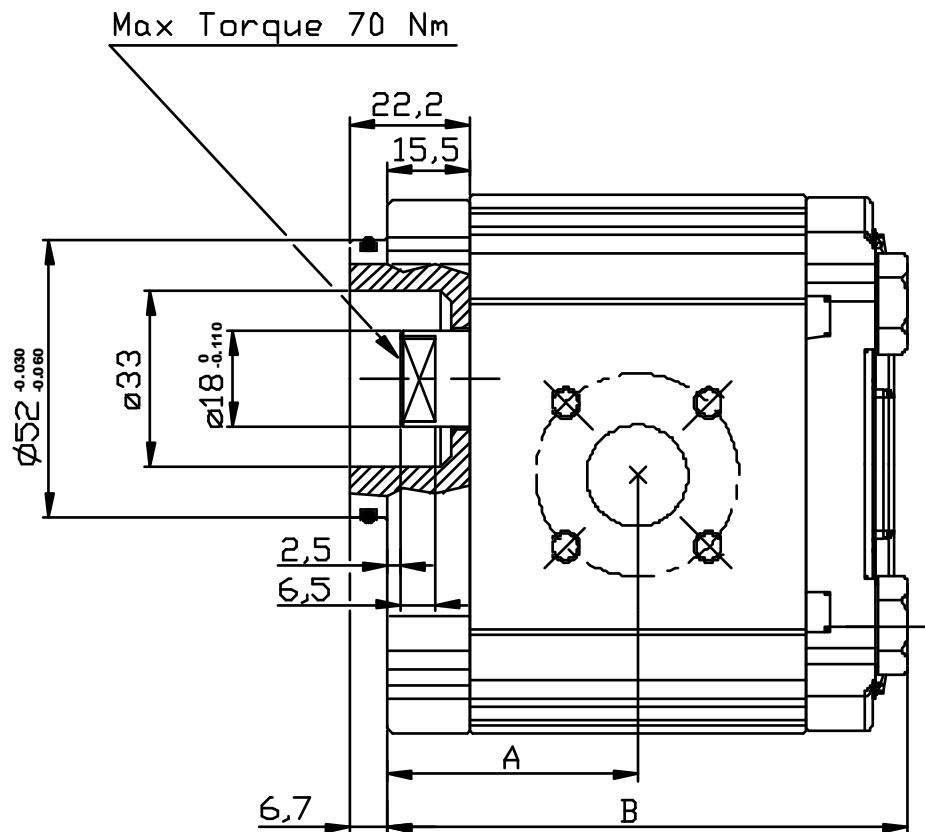
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	39.50	83,00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41.00	86,00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42.50	89,00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45.65	93,30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46.65	97,30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48.10	100,2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51.00	103,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56.85	117,7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58.75	121,5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60.85	125,7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62.25	128,5	20	40	M6	15	35	M6



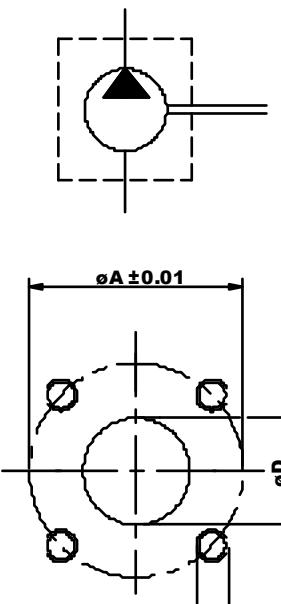
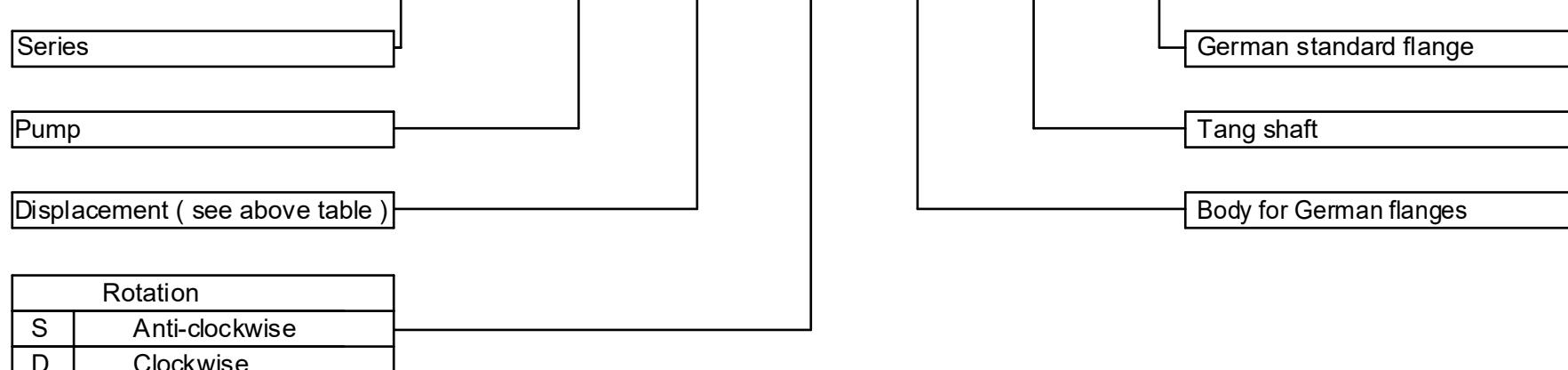
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B 24 B6



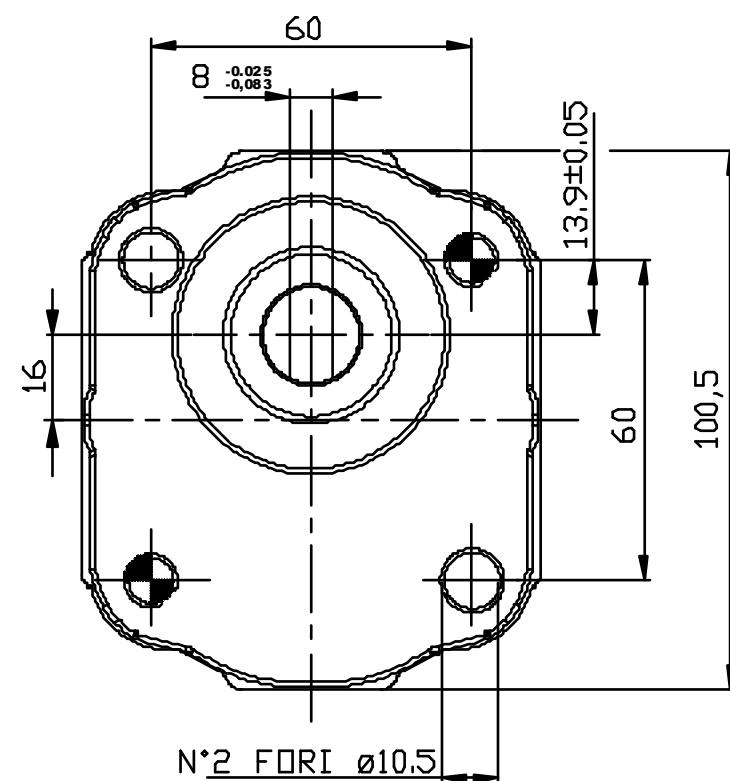
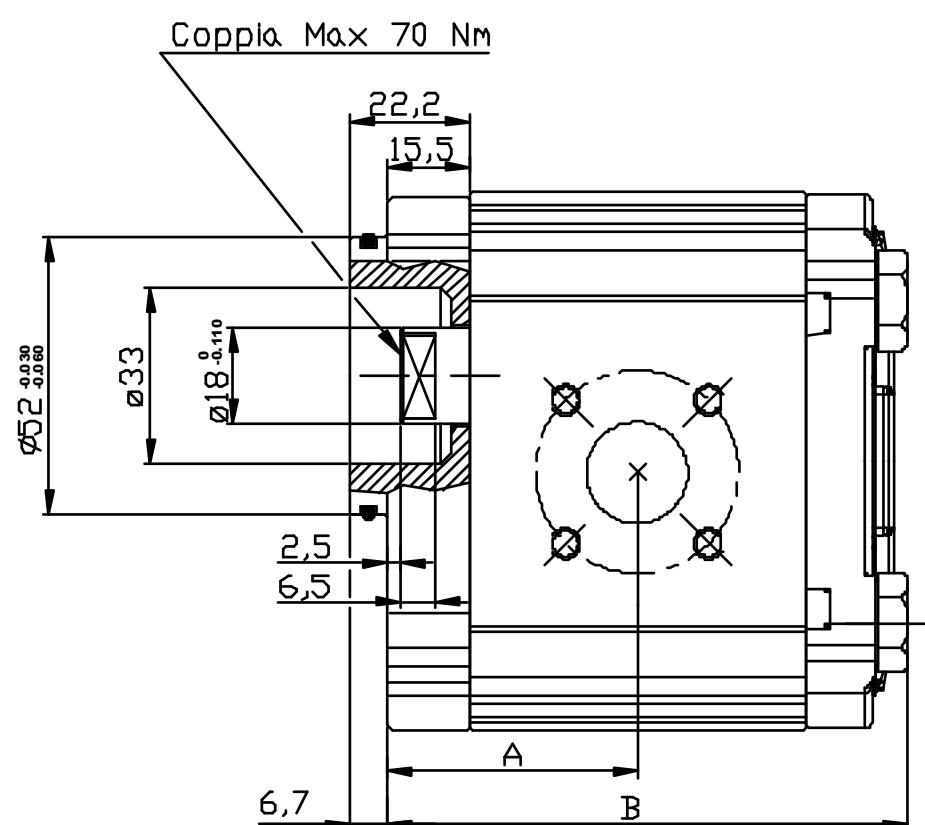
GROUP 2 PUMPS- GERMAN STANDARD
VERSION: B24 B6


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	39.50	83,00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41.00	86,00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42.50	89,00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45.65	93,30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46.65	97,30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48.10	100,2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51.00	103,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56.85	117,7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58.75	121,5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60.85	125,7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62.25	128,5	20	40	M6	15	35	M6

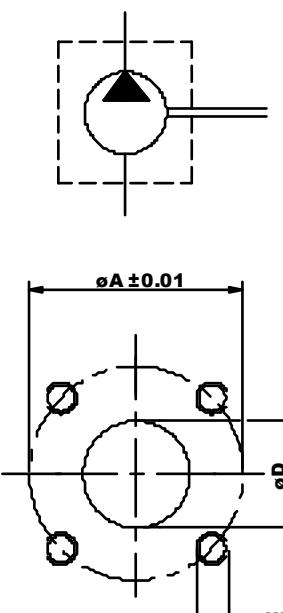

EXAMPLE OF ORDERING CODE
OT200 P 08 S / B 24 B6


POMPE GRUPPO 2- UNIFICAZIONE TEDESCA

VERSIONE: B24 B7

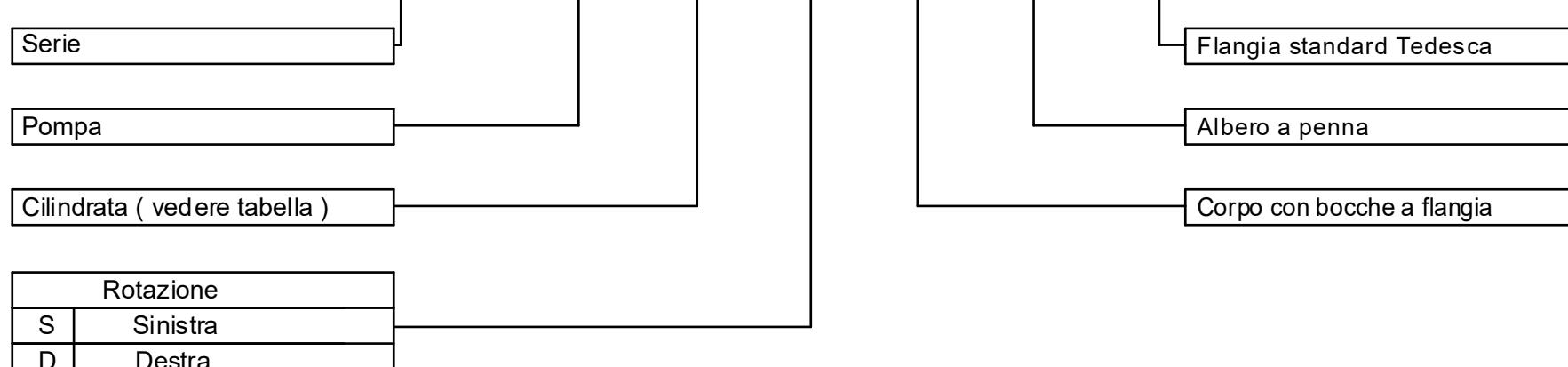


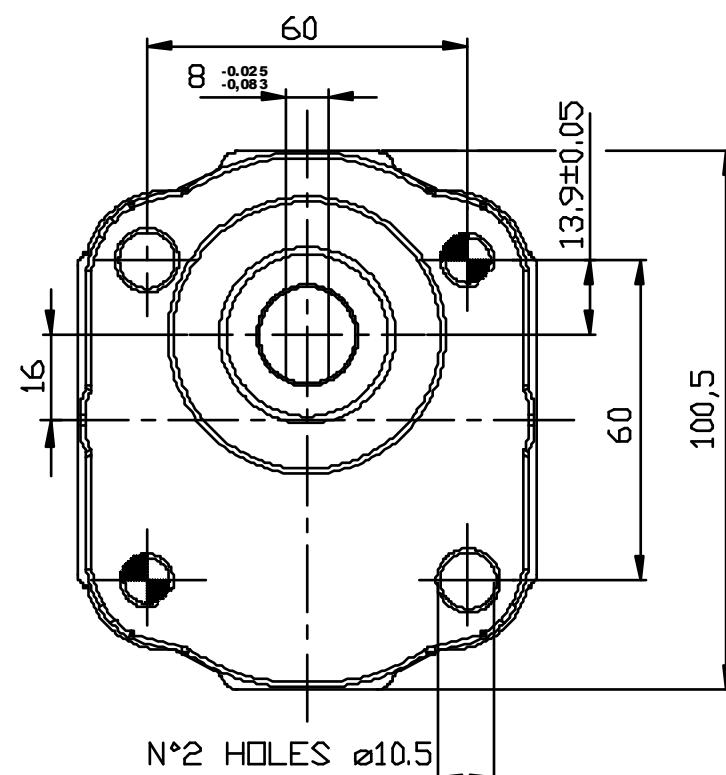
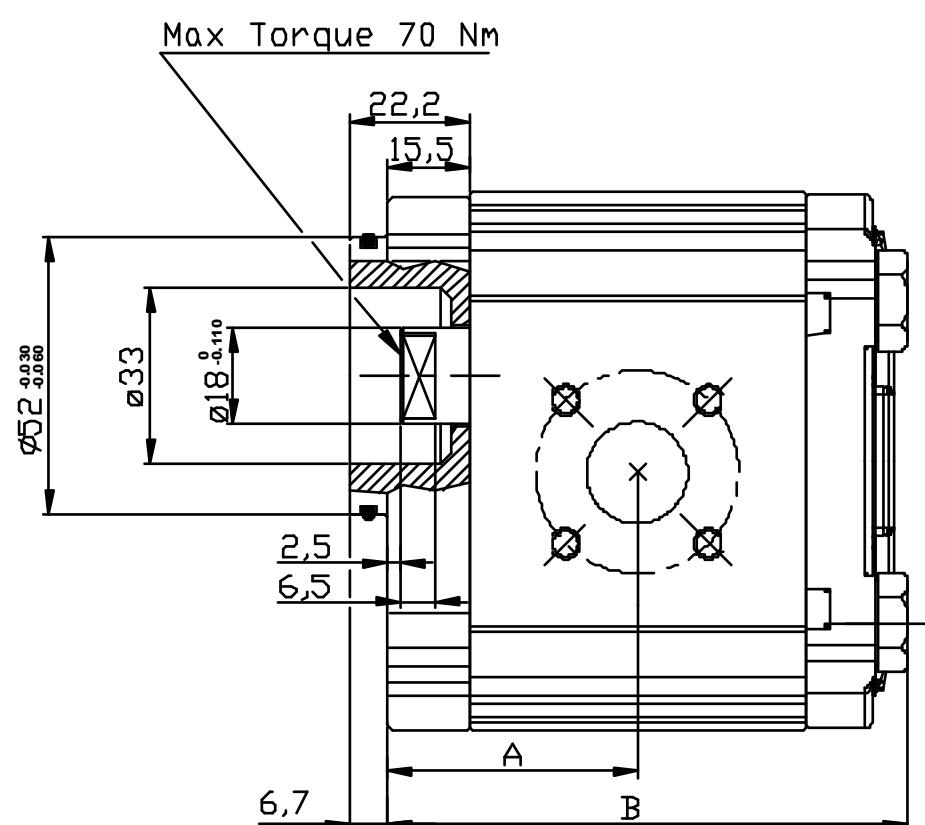
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Dimensione B		Bocca di aspirazione		Bocca di mandata	
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	39,50	83,00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41,00	86,00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42,50	89,00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45,65	93,30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46,65	97,30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48,10	100,2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51,00	103,5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56,85	117,7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58,75	121,5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60,85	125,7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62,25	128,5	20	40	M6	15	35	M6



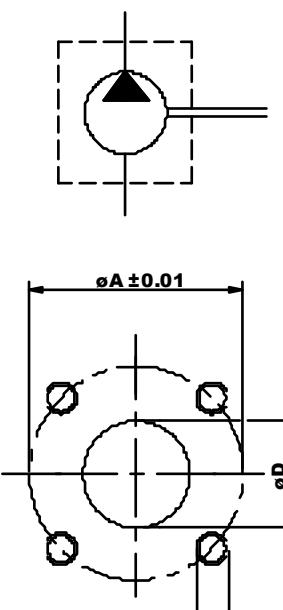
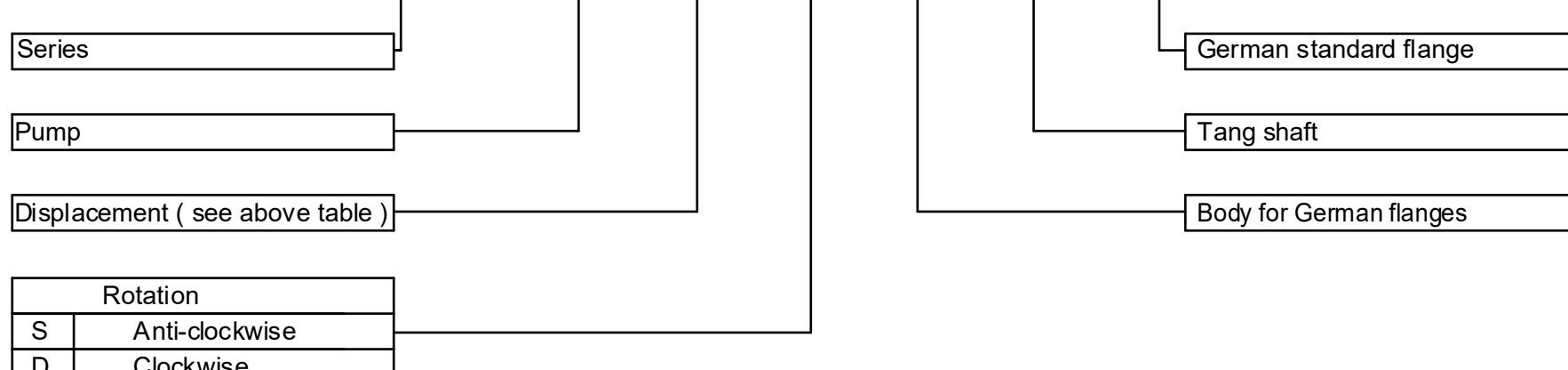
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B 24 B7



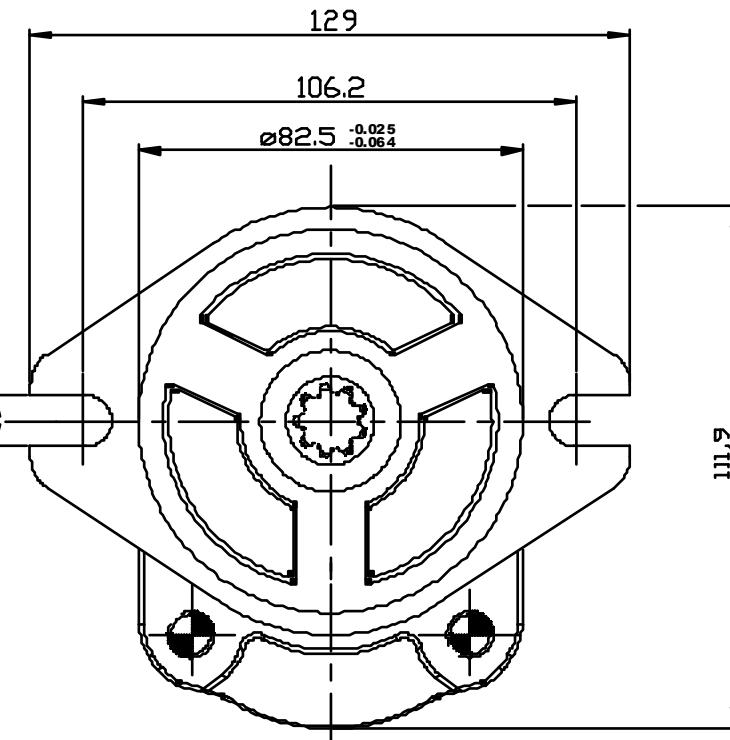
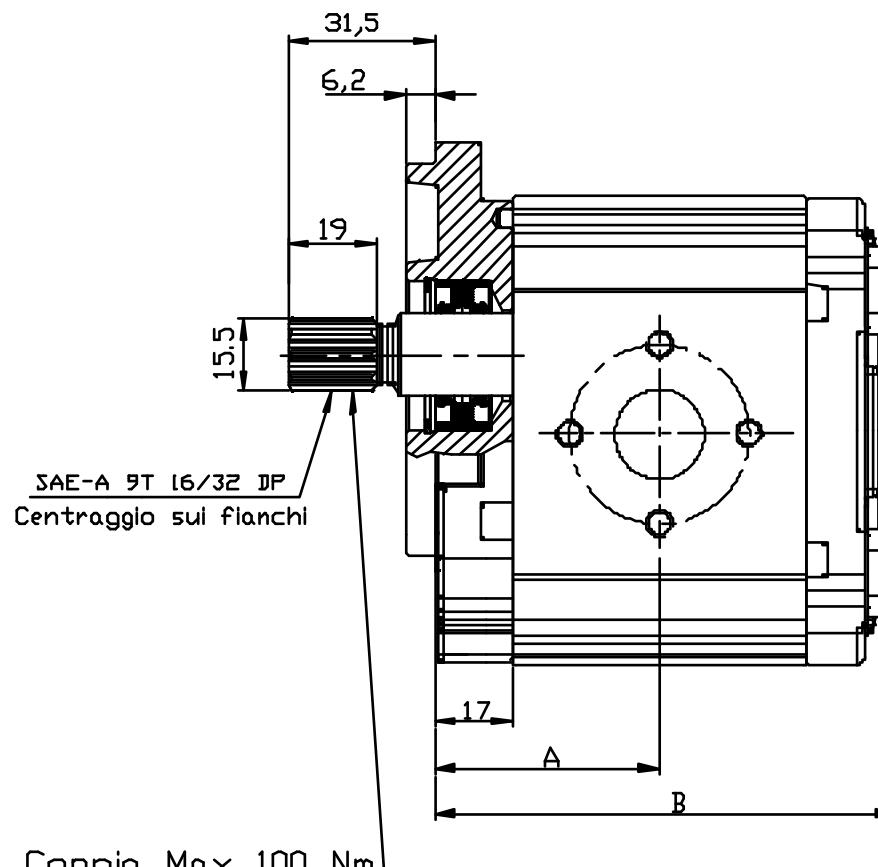
GROUP 2 PUMPS- GERMAN STANDARD
VERSION: B24 B7


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	39.50	83.00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	41.00	86.00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	42.50	89.00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	45.65	93.30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	46.65	97.30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	48.10	100.2	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	51.00	103.5	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	56.85	117.7	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	58.75	121.5	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	60.85	125.7	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	62.25	128.5	20	40	M6	15	35	M6

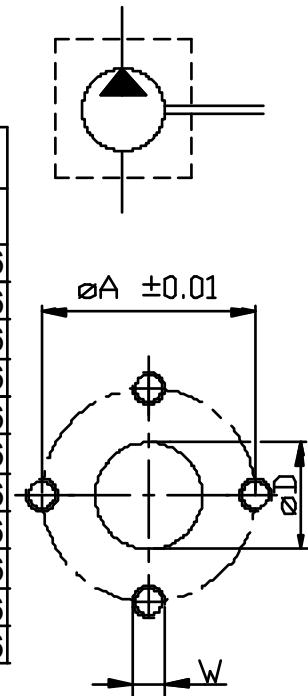

EXAMPLE OF ORDERING CODE
OT200 P 08 S / B 24 B7


POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

VERSIONE: P21 S2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione			Bocca di mandata		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	41,00	84,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	42,50	87,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	44,00	90,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	46,15	94,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	48,15	98,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	49,60	101,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	52,50	107,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	58,35	119,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	60,25	123,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	62,35	127,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	63,75	130,0	20	40	M8	13	30	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / P 21 S2

Serie

Pompa

Cilindrata (vedere tabella)

Rotazione	
S	Sinistra
D	Destra

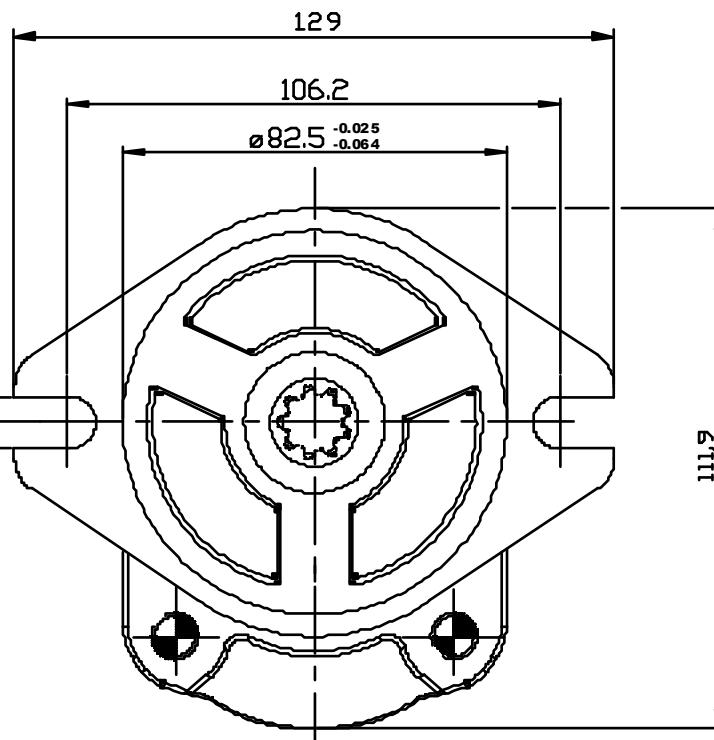
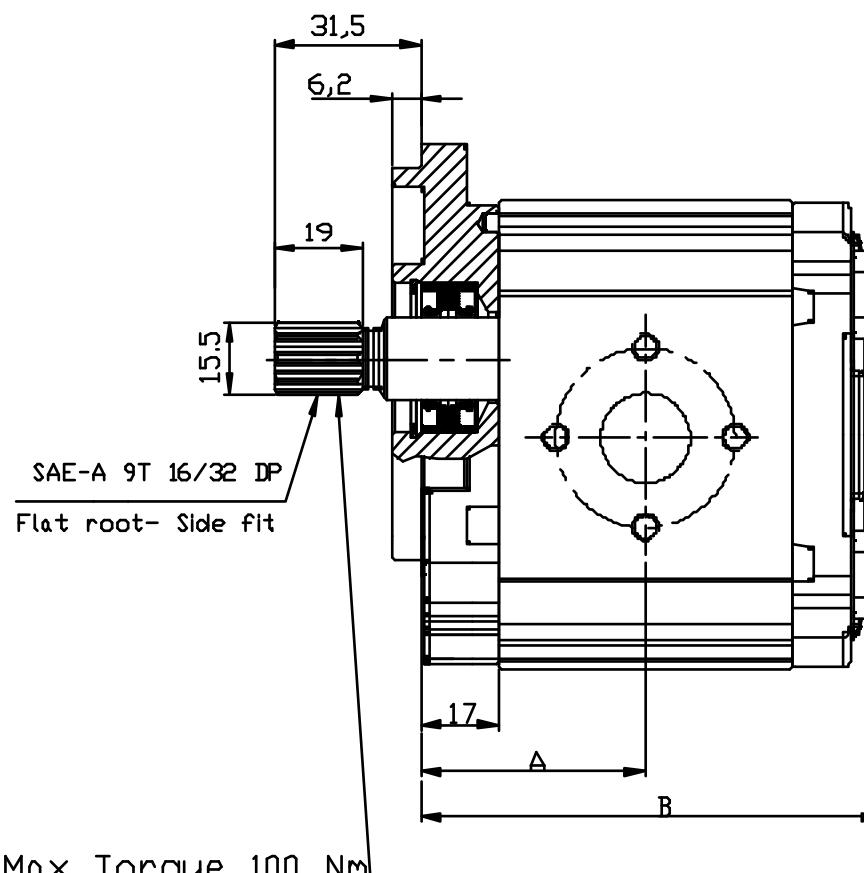
Flangia SAE A

Albero SAE-A 9T 16/32 DP

Corpo con bocche a flangia

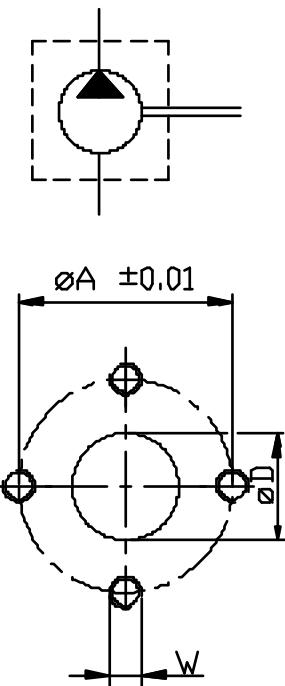
GROUP 2 PUMPS- SAE "A" STANDARD

VERSION: P21 S2



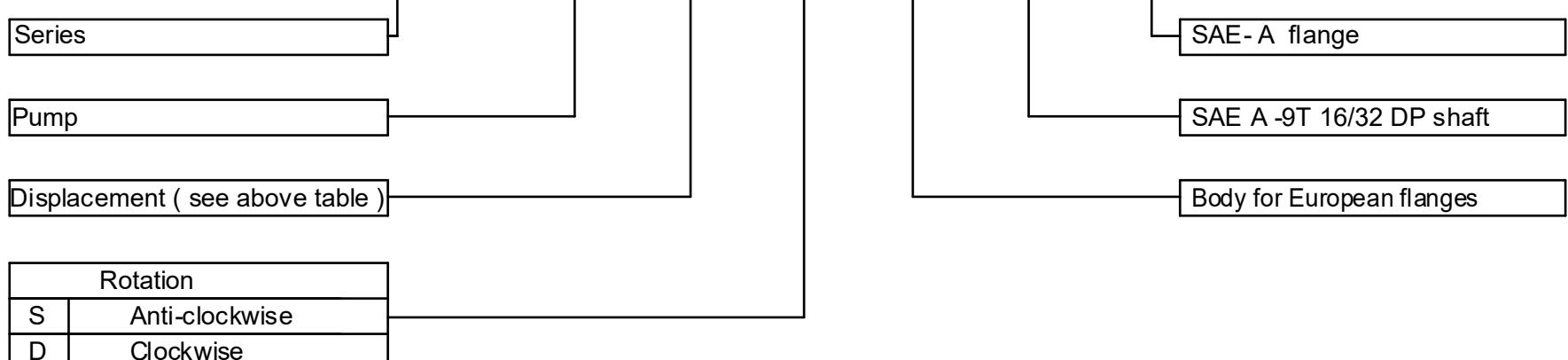
Max Torque 100 NM

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port			Outlet port		
					B	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	41,00	84,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	42,50	87,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	44,00	90,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	46,15	94,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	48,15	98,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	49,60	101,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	52,50	107,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	58,35	119,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	60,25	123,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	62,35	127,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	63,75	130,0	20	40	M8	13	30	M6



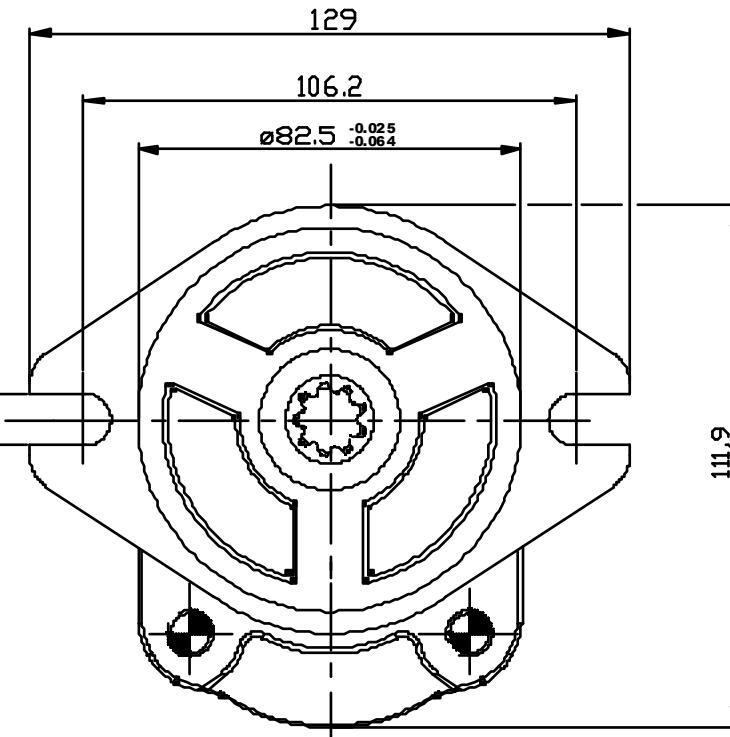
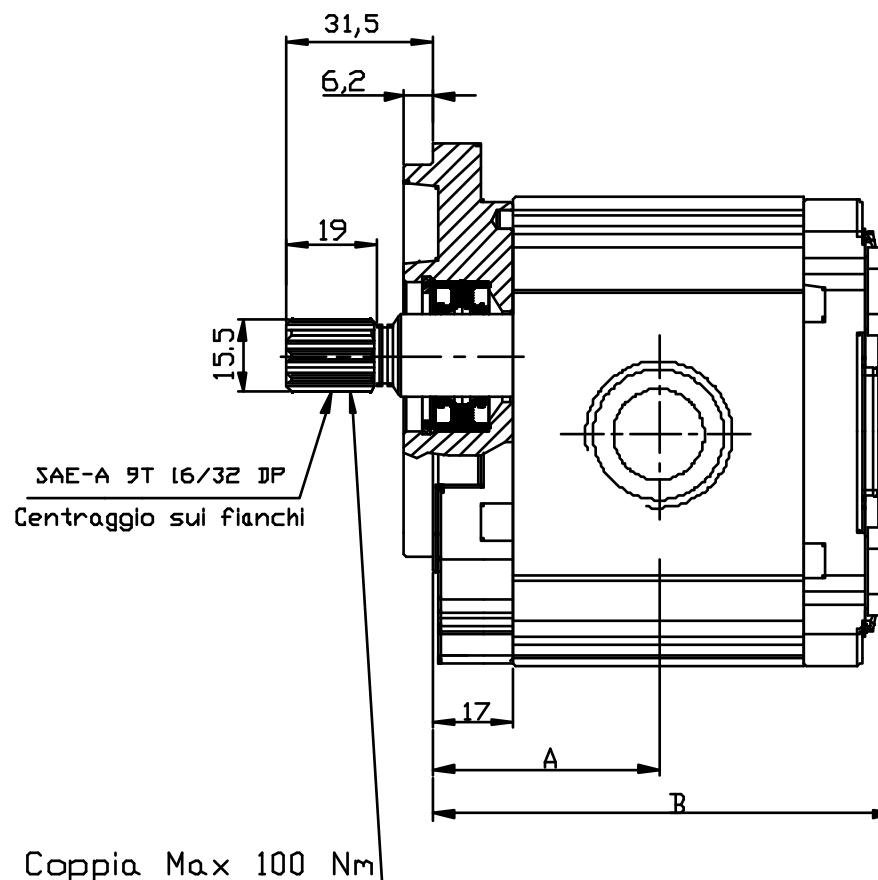
EXAMPLE OF ORDERING CODE

OT200 P 08 S / P 21 S2



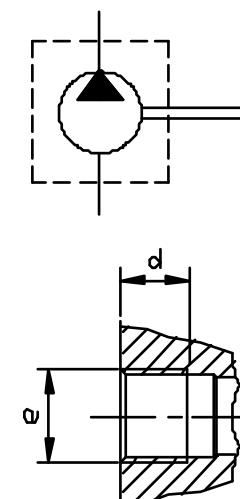
POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

VERSIONE: G21 S2



Coppia Max 100 Nm

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata	
					(mm)		e	d	e	d
OT 200 P04	04,10	250	300	4000	41,00	84,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	42,50	87,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	44,00	90,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	46,15	94,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	48,15	98,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	49,60	101,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	52,50	107,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	58,35	119,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	60,25	123,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	62,35	127,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	63,75	130,0	G3/4	16	G1/2	14



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / G 21 S2

Serie

Pompa

Cilindrata (vedere tabella)

Rotazione	
S	Sinistra
D	Destra

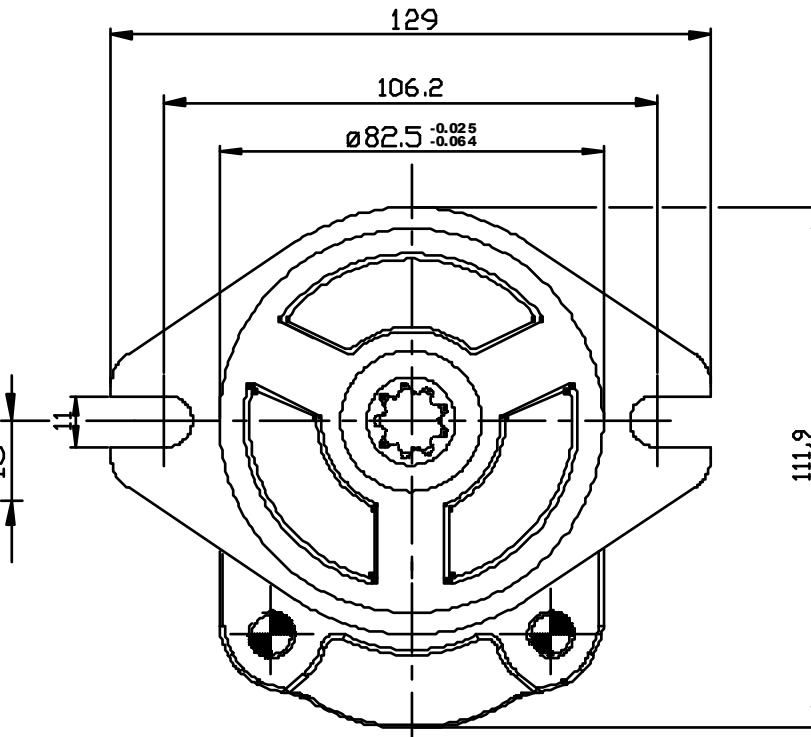
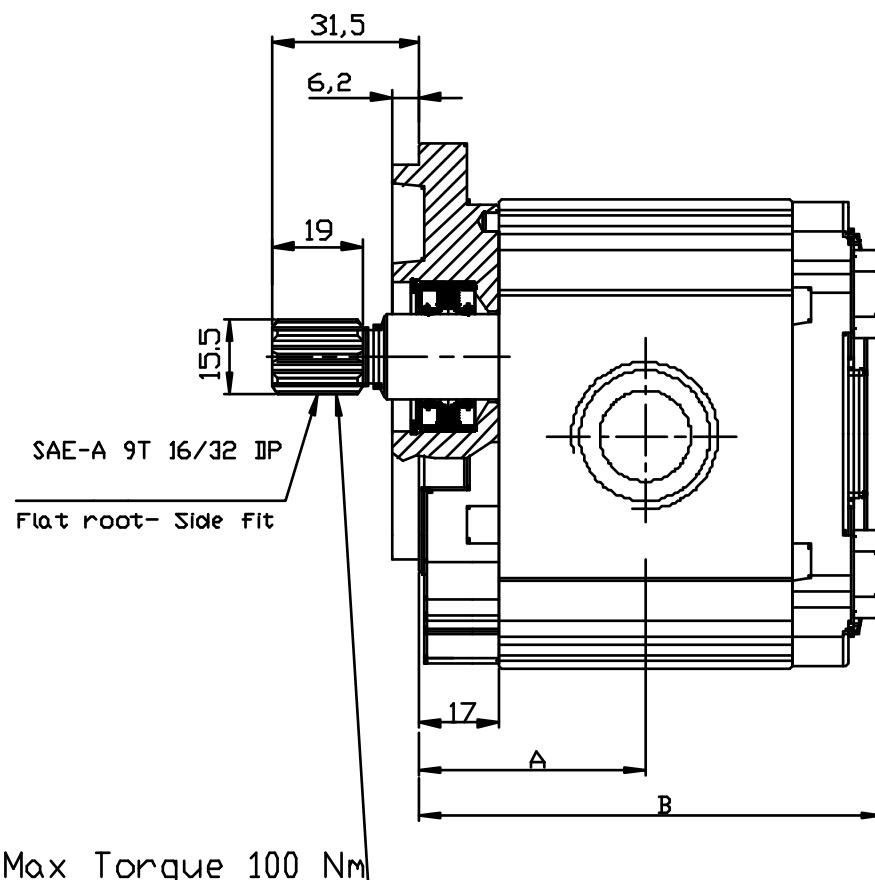
Flangia SAE A

Albero SAE-A 9T 16/32 DP

Corpo con bocche filettate (GAS)

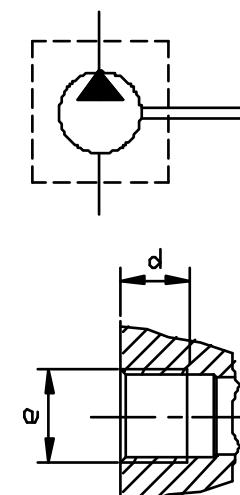
GROUP 2 PUMPS- SAE "A" STANDARD

VERSION: G21 S2



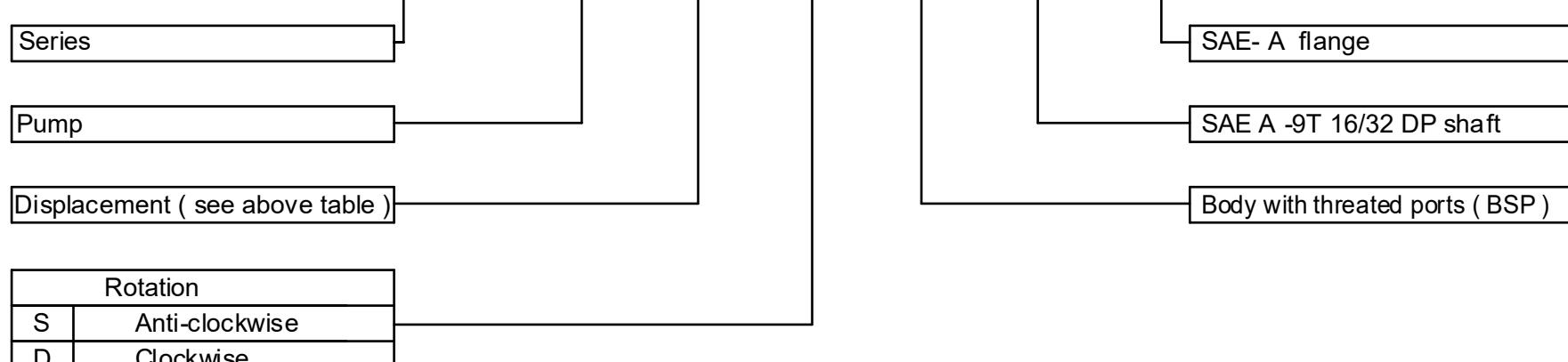
Max Torque 100 Nm

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port		Outlet port	
					B	(mm)	e	d	e	d
OT 200 P04	04,10	250	300	4000	41,00	84,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	42,50	87,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	44,00	90,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	46,15	94,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	48,15	98,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	49,60	101,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	52,50	107,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	58,35	119,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	60,25	123,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	62,35	127,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	63,75	130,0	G3/4	16	G1/2	14



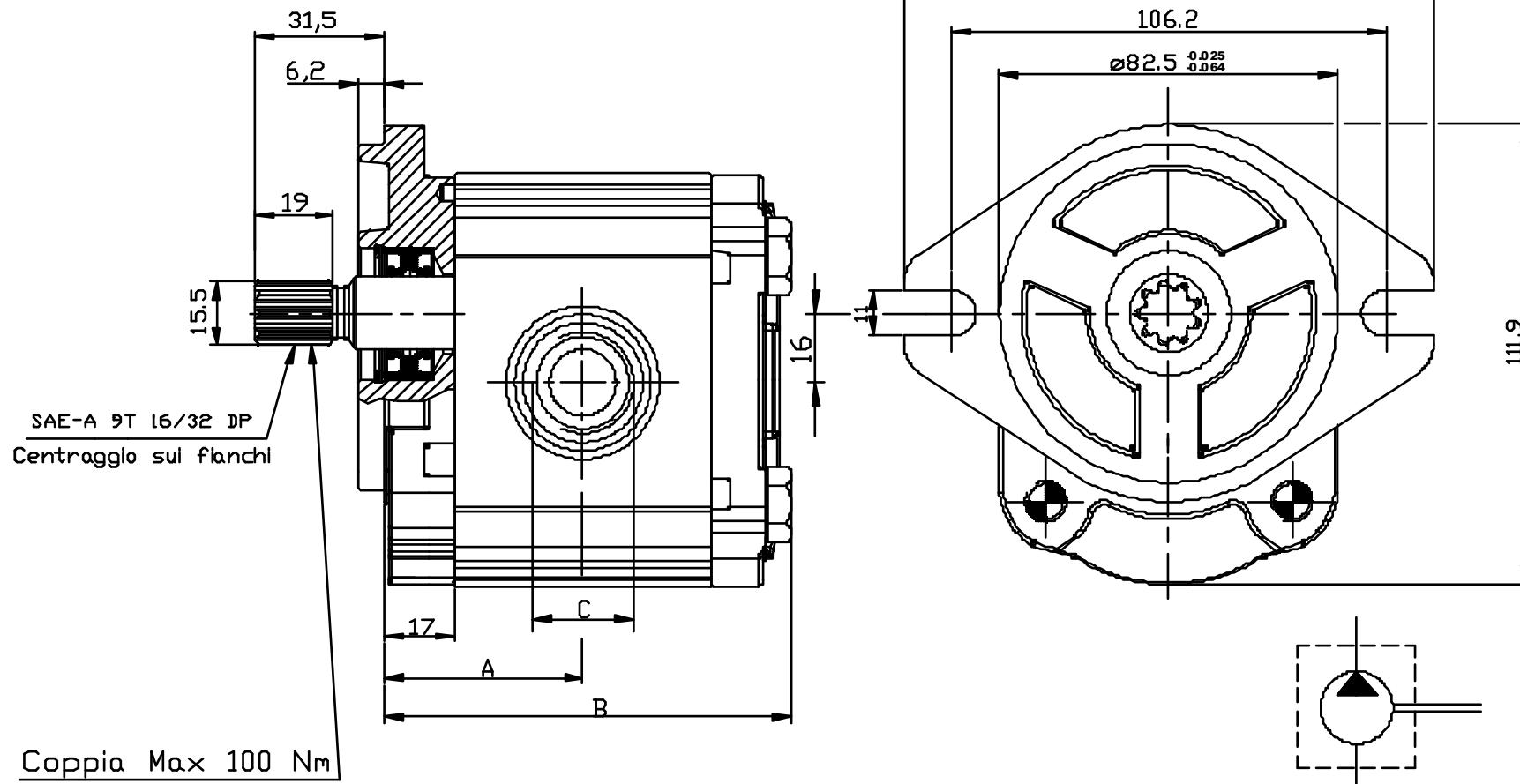
EXAMPLE OF ORDERING CODE

OT200 P 08 S / G 21 S2



POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

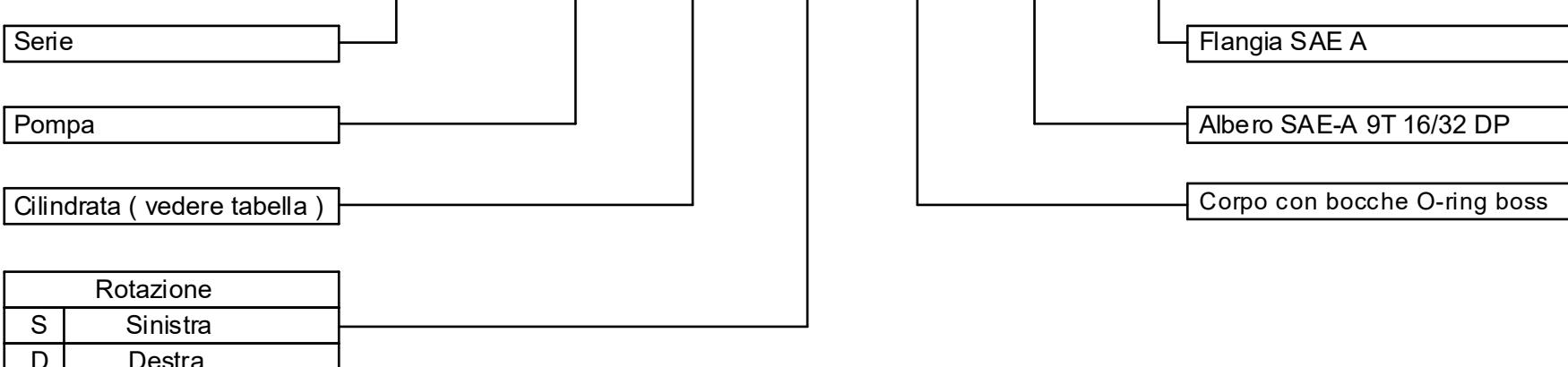
VERSIONE: R21 S2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione	Bocca di mandata
					A	B		
OT 200 P04	04,10	250	300	4000	41,00	84,50	7/8-14UNF-2B	7/8-14UNF-2B
OT 200 P06	06,20	250	300	3500	42,50	87,50		
OT 200 P08	08,20	250	300	3500	44,00	90,50		
OT 200 P11	11,20	250	300	3500	46,15	94,80		
OT 200 P14	14,00	240	300	3000	48,15	98,80		
OT 200 P16	16,00	240	300	3000	49,60	101,7		
OT 200 P20	20,00	200	240	3000	52,50	107,5		
OT 200 P22	22,50	170	210	2500	58,35	119,2		
OT 200 P25	25,10	170	210	2500	60,25	123,0		
OT 200 P28	28,00	140	180	2500	62,35	127,2		
OT 200 P30	30,00	130	170	2000	63,75	130,0		

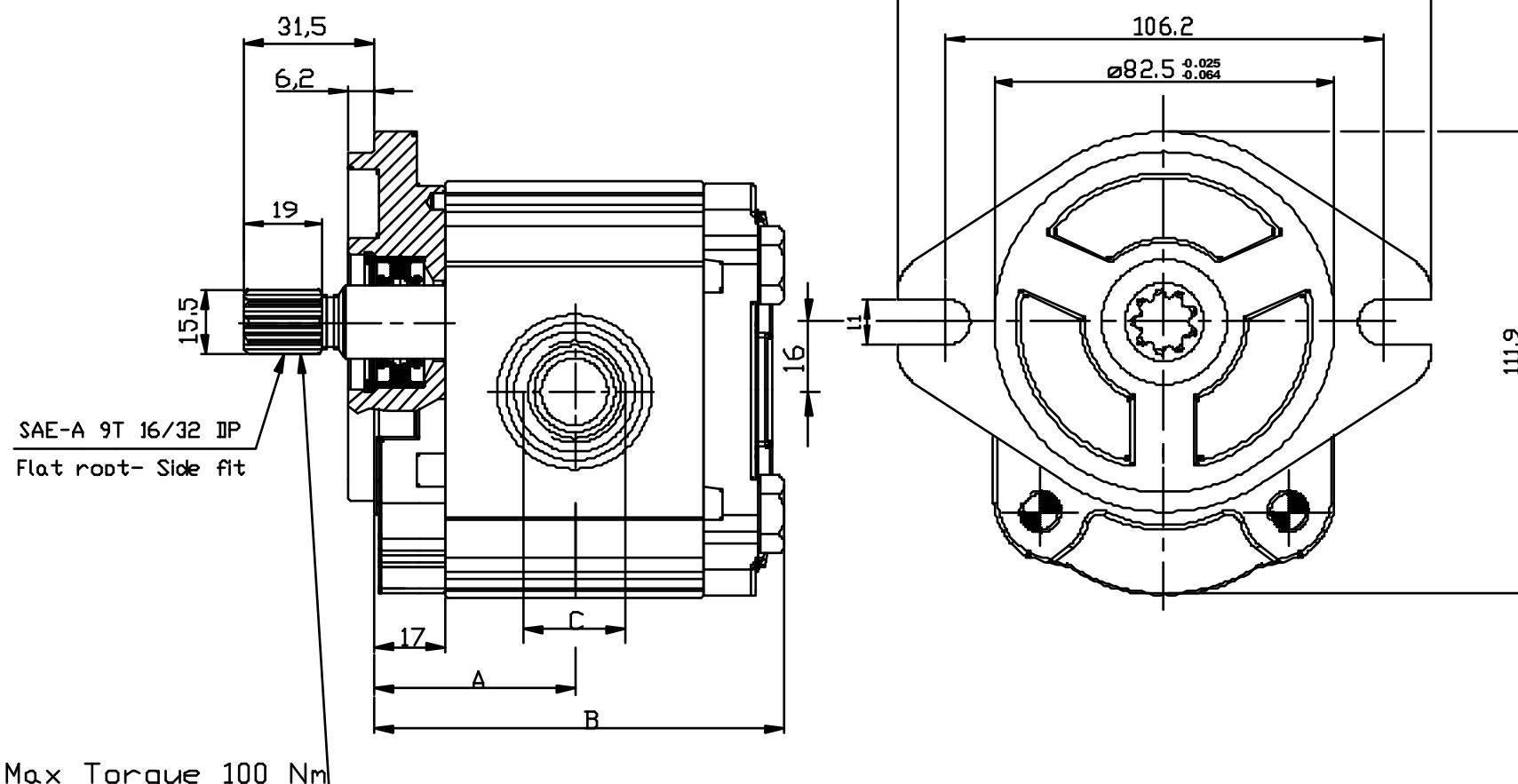
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / R 21 S2



GROUP 2 PUMPS- SAE "A" STANDARD

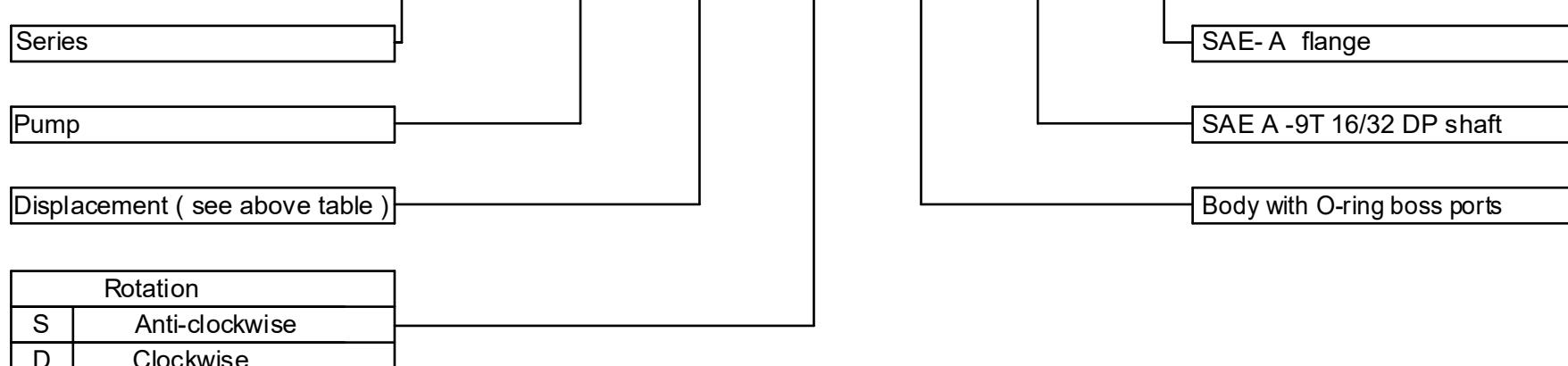
VERSION: R21 S2



Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension		Inlet port	Outlet port
					A	B		
OT 200 P04	04,10	250	300	4000	41,00	84,50		
OT 200 P06	06,20	250	300	3500	42,50	87,50	7/8-14UNF-2B	7/8-14UNF-2B
OT 200 P08	08,20	250	300	3500	44,00	90,50		
OT 200 P11	11,20	250	300	3500	46,15	94,80		
OT 200 P14	14,00	240	300	3000	48,15	98,80		
OT 200 P16	16,00	240	300	3000	49,60	101,7		
OT 200 P20	20,00	200	240	3000	52,50	107,5		
OT 200 P22	22,50	170	210	2500	58,35	119,2	1-1/16-12UN-2B	1-1/16-12UN-2B
OT 200 P25	25,10	170	210	2500	60,25	123,0		
OT 200 P28	28,00	140	180	2500	62,35	127,2		
OT 200 P30	30,00	130	170	2000	63,75	130,0		

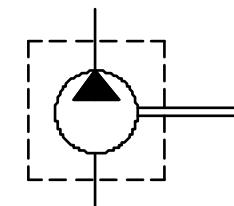
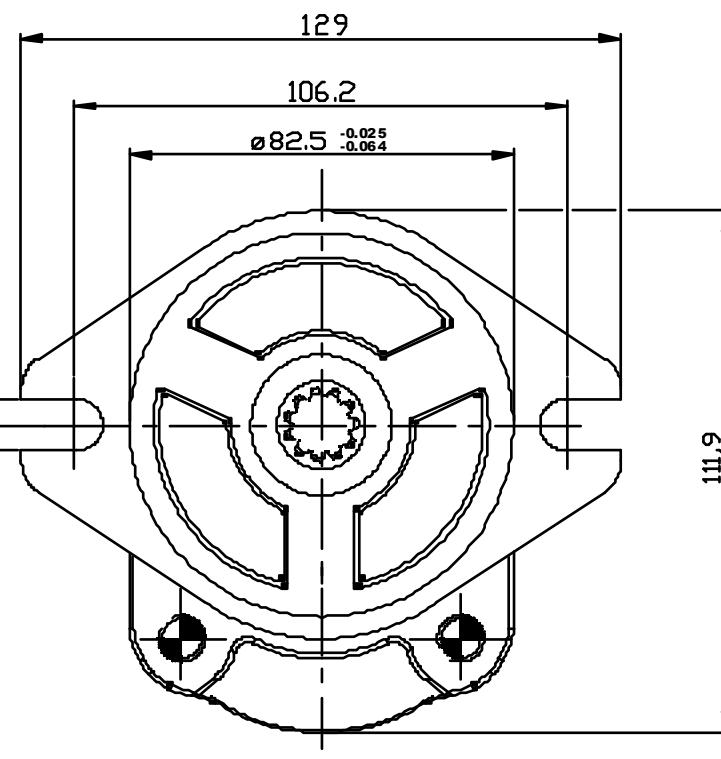
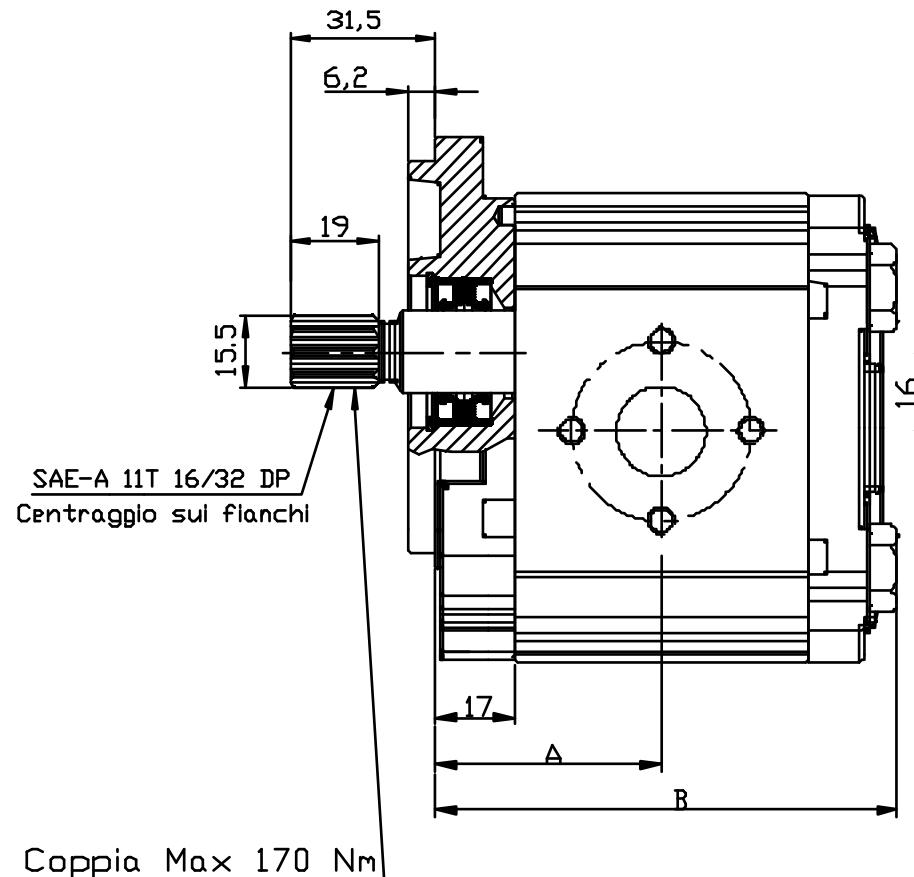
EXAMPLE OF ORDERING CODE

OT200 P 08 S / R 21 S2

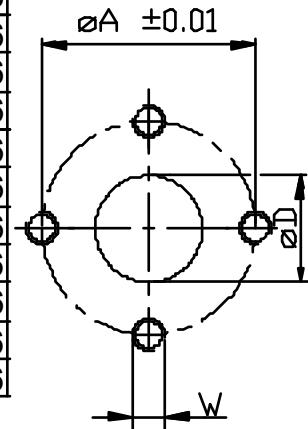


POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

VERSIONE: P20 S2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione			Bocca di mandata		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	41,00	84,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	42,50	87,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	44,00	90,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	46,15	94,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	48,15	98,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	49,60	101,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	52,50	107,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	58,35	119,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	60,25	123,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	62,35	127,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	63,75	130,0	20	40	M8	13	30	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / P 20 S2

Serie

Pompa

Cilindrata (vedere tabella)

Rotazione	
S	Sinistra
D	Destra

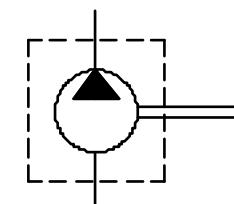
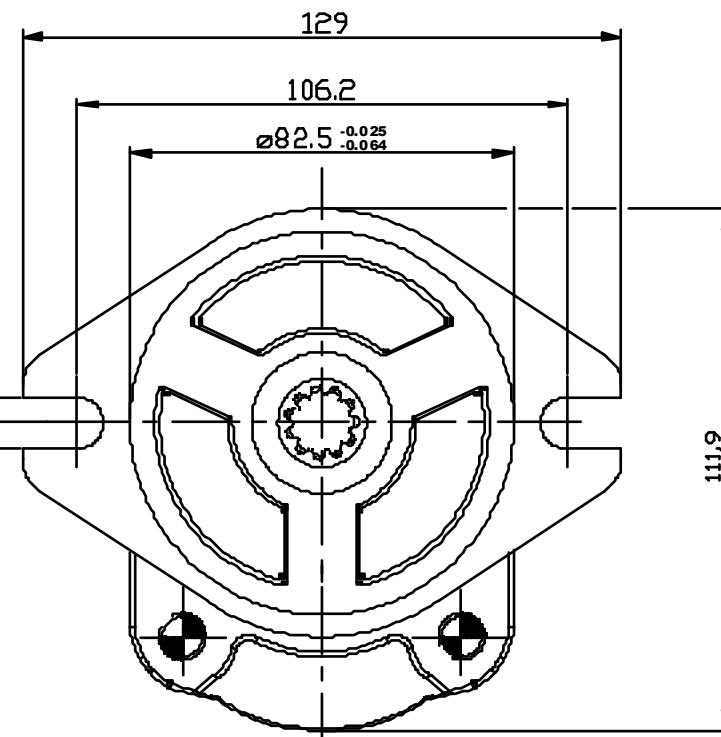
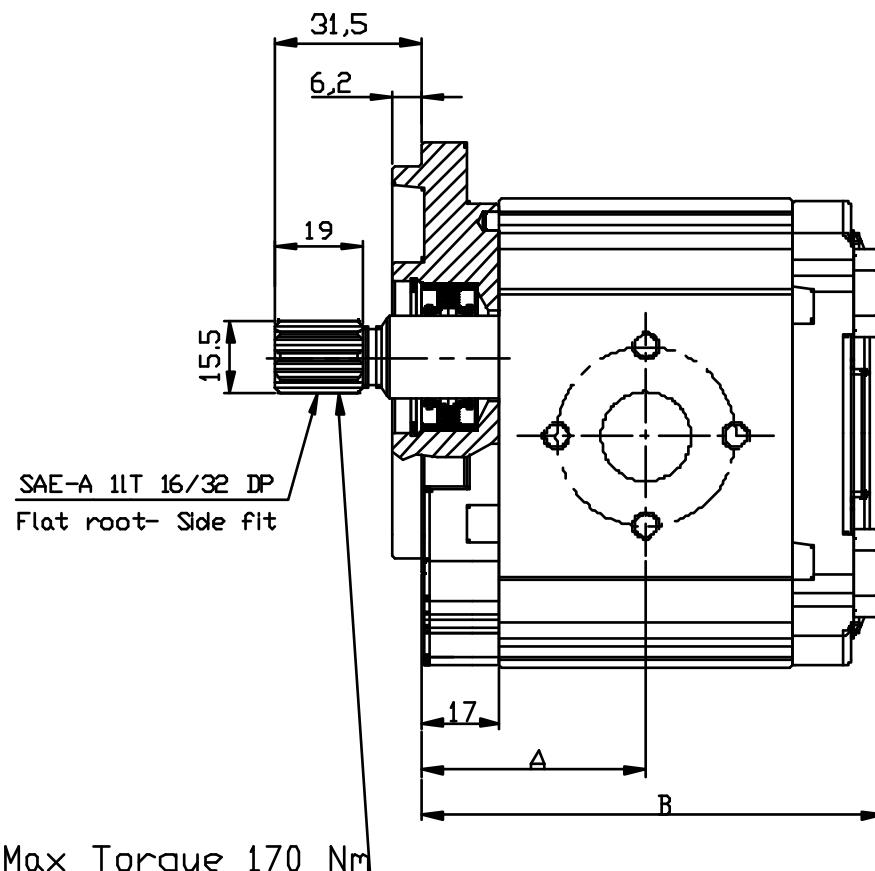
Flangia SAE A

Albero SAE-A 11T 16/32 DP

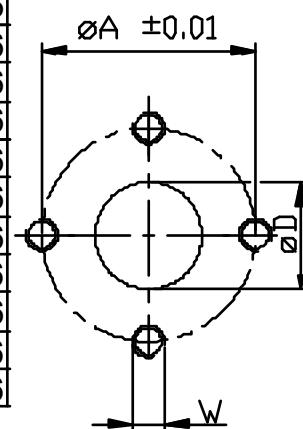
Corpo con bocche a flangia

GROUP 2 PUMPS- SAE "A" STANDARD

VERSION: P20 S2

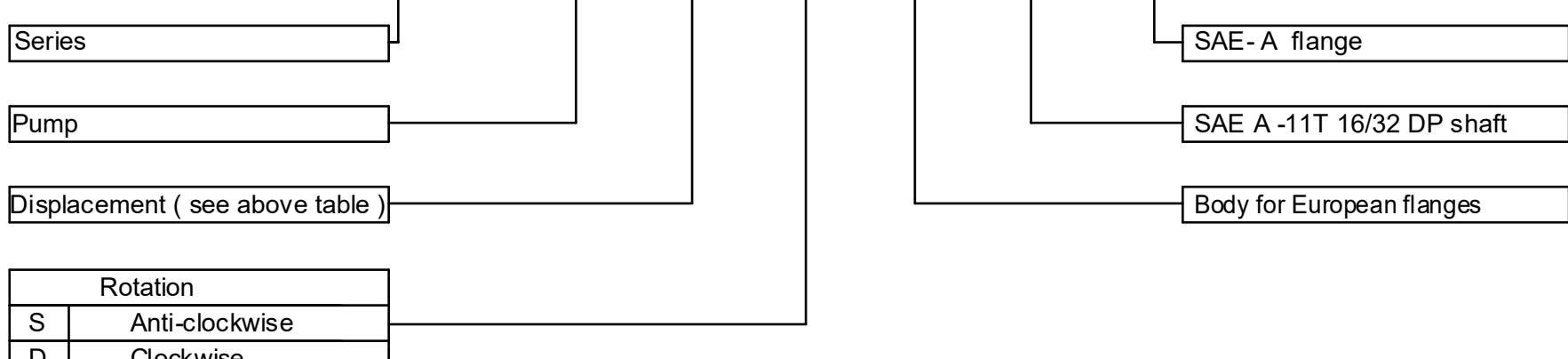


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port			Outlet port		
					B	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	41,00	84,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	42,50	87,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	44,00	90,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	46,15	94,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	48,15	98,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	49,60	101,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	52,50	107,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	58,35	119,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	60,25	123,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	62,35	127,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	63,75	130,0	20	40	M8	13	30	M6



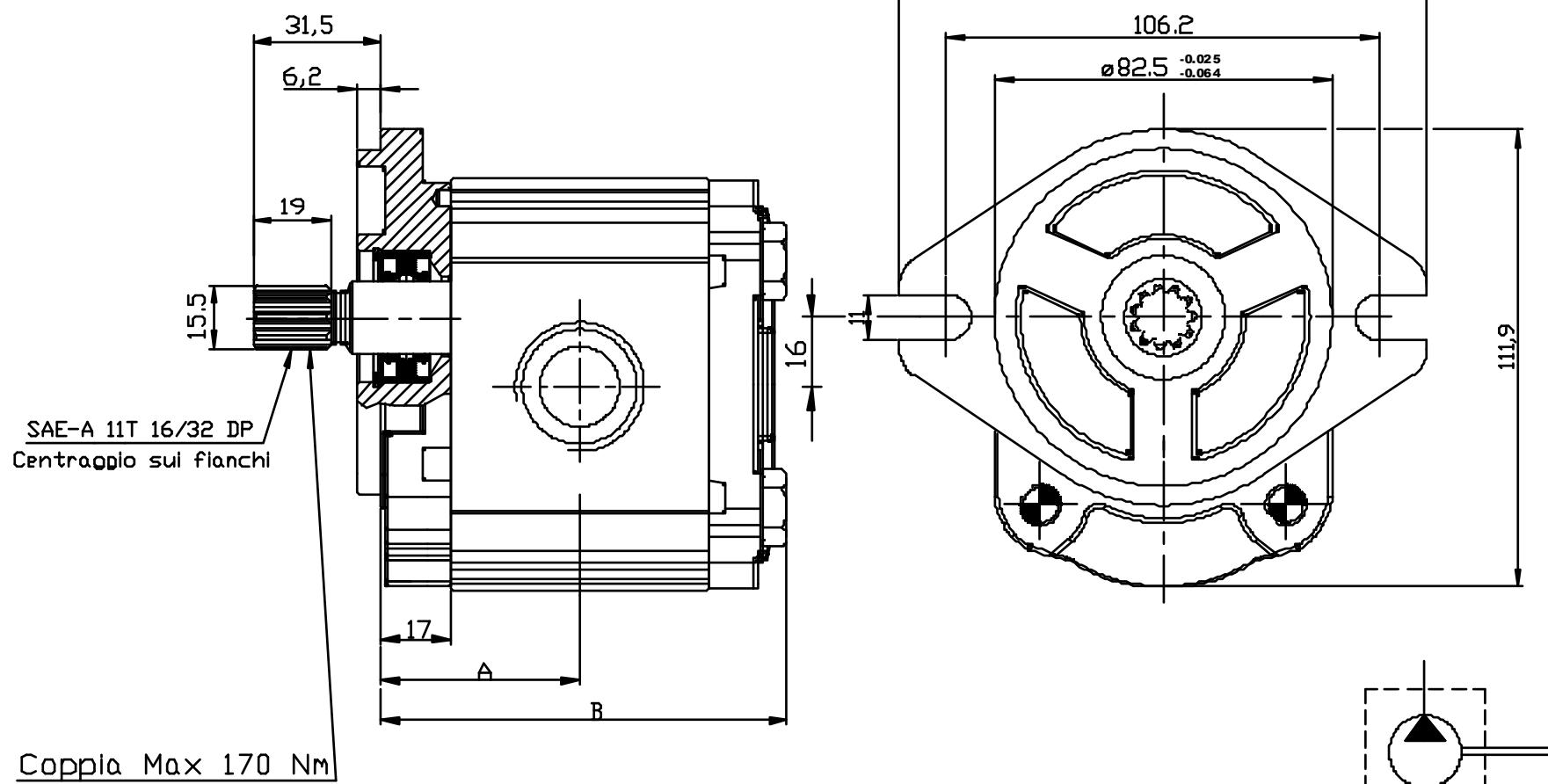
EXAMPLE OF ORDERING CODE

OT200 P 08 S / P 20 S2

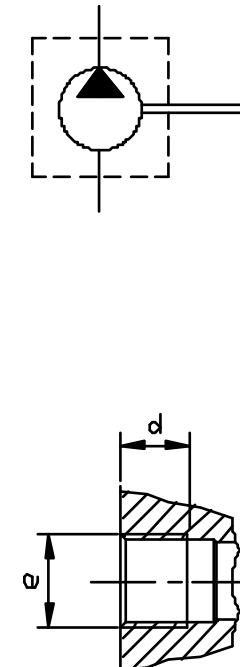


POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

VERSIONE: G20 S2

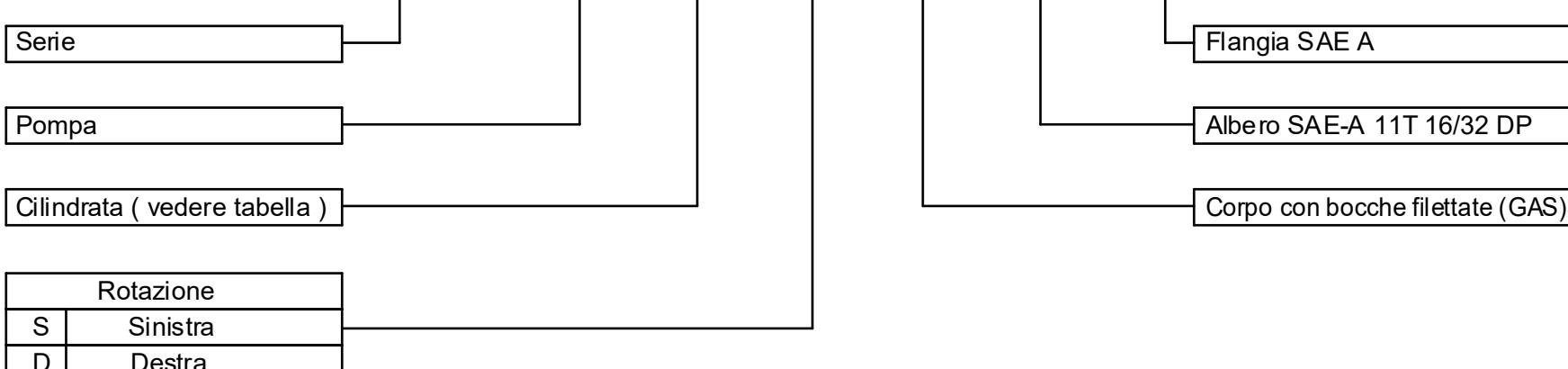


Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata	
					(mm)	e	d	e	d	
OT 200 P04	04,10	250	300	4000	41,00	84,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	42,50	87,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	44,00	90,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	46,15	94,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	48,15	98,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	49,60	101,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	52,50	107,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	58,35	119,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	60,25	123,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	62,35	127,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	63,75	130,0	G3/4	16	G1/2	14



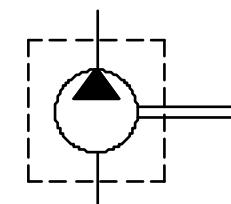
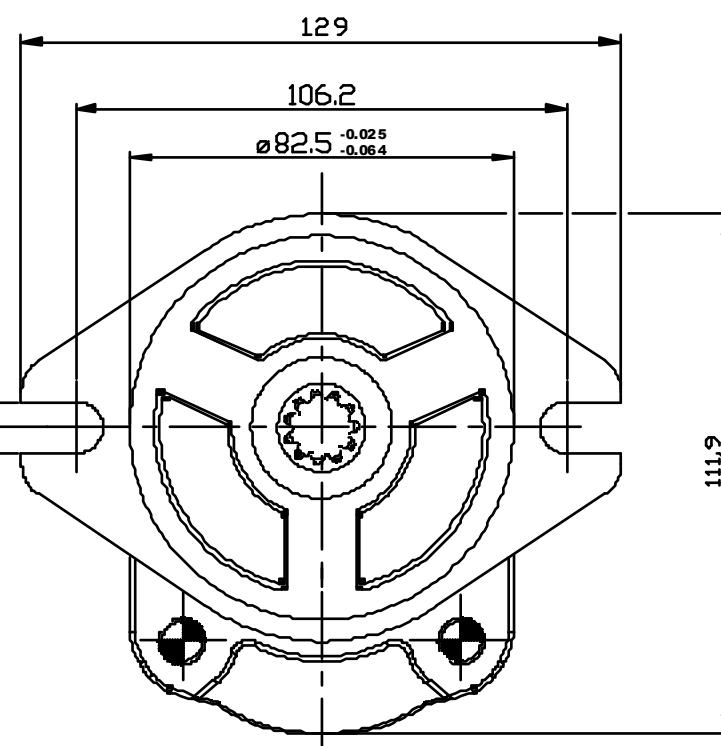
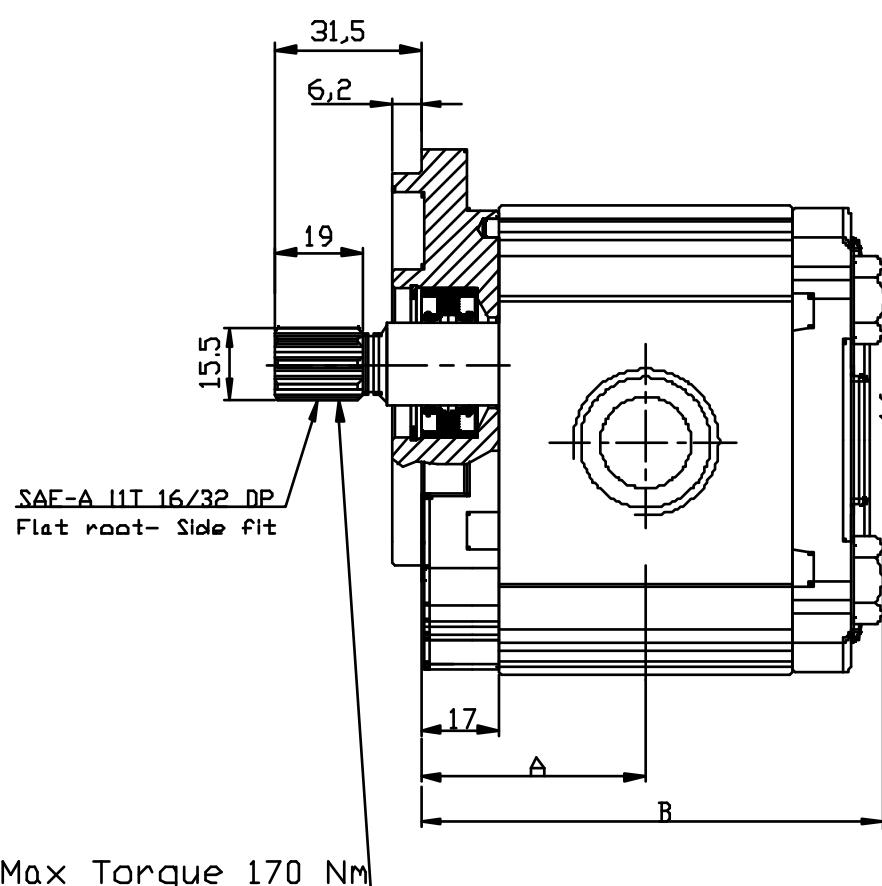
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / G 20 S2



GROUP 2 PUMPS- SAE "A" STANDARD

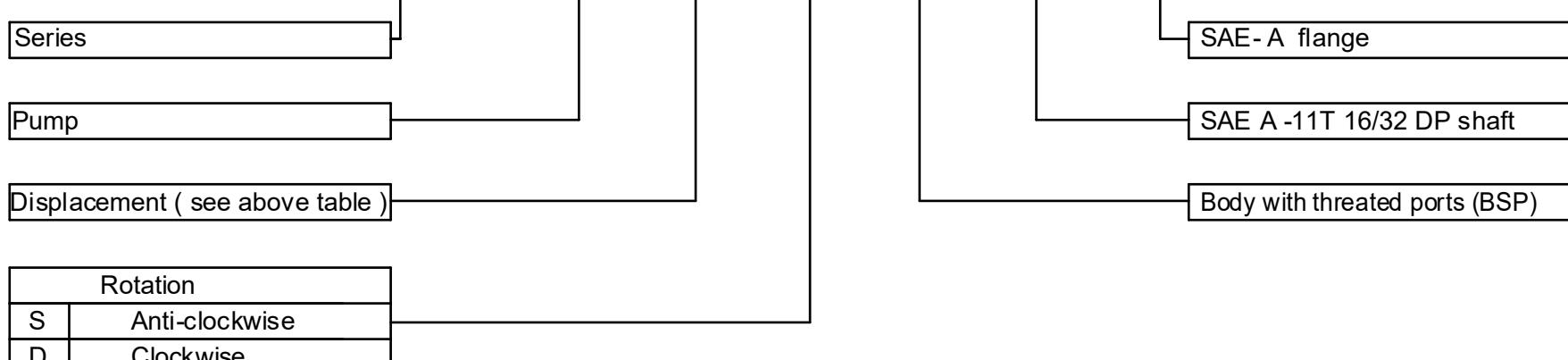
VERSION: G20 S2



Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port		Outlet port	
					B	(mm)	e	d	e	d
OT 200 P04	04,10	250	300	4000	41,00	84,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	42,50	87,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	44,00	90,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	46,15	94,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	48,15	98,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	49,60	101,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	52,50	107,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	58,35	119,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	60,25	123,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	62,35	127,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	63,75	130,0	G3/4	16	G1/2	14

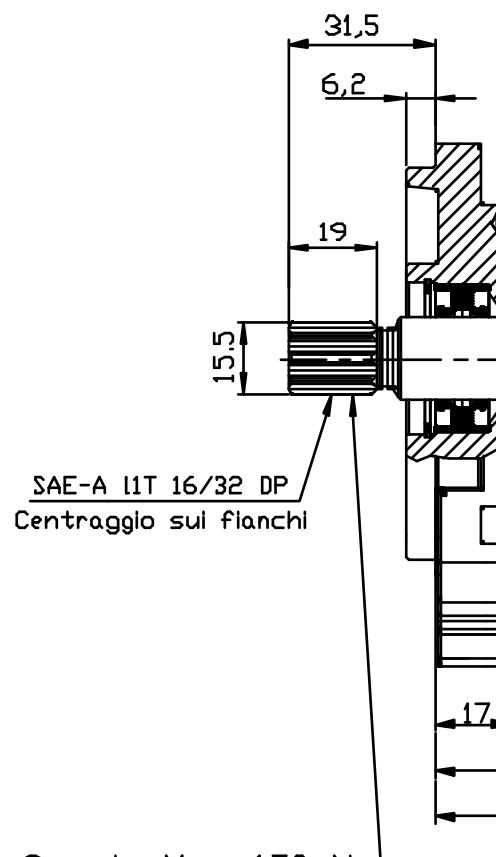
EXAMPLE OF ORDERING CODE

OT200 P 08 S / G 20 S2

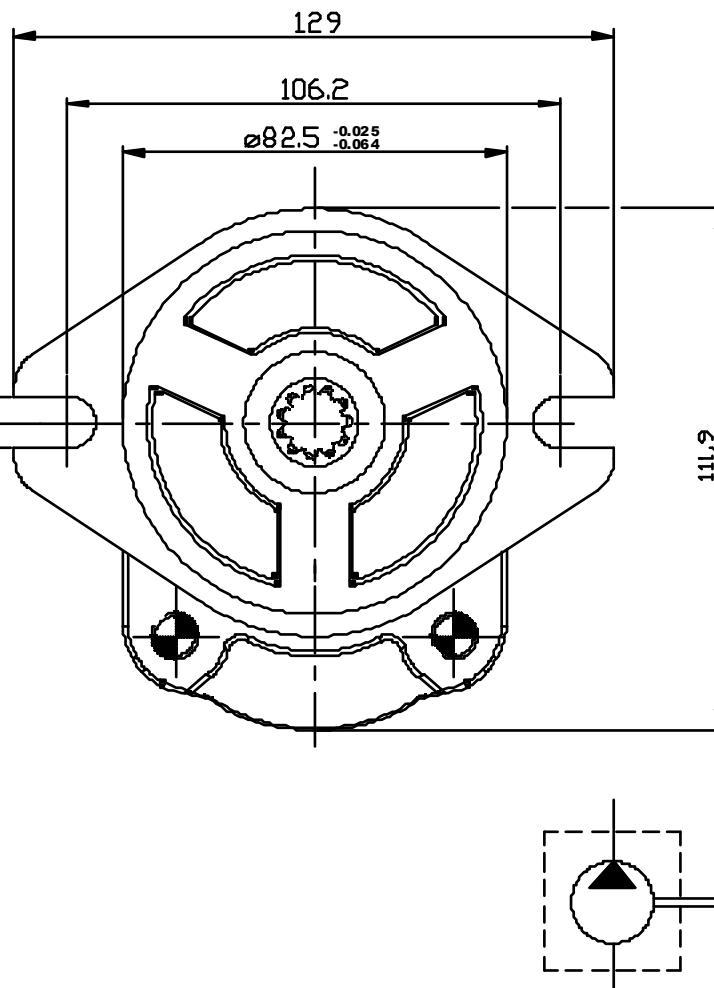


POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

VERSIONE: R20 S2



Coppia Max 170 Nm



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione	Bocca di mandata
					A	B		
OT 200 P04	04,10	250	300	4000	41,00	84,50	7/8-14UNF-2B	7/8-14UNF-2B
OT 200 P06	06,20	250	300	3500	42,50	87,50		
OT 200 P08	08,20	250	300	3500	44,00	90,50		
OT 200 P11	11,20	250	300	3500	46,15	94,80		
OT 200 P14	14,00	240	300	3000	48,15	98,80	1-1/16-12UN-2B	1-1/16-12UN-2B
OT 200 P16	16,00	240	300	3000	49,60	101,7		
OT 200 P20	20,00	200	240	3000	52,50	107,5		
OT 200 P22	22,50	170	210	2500	58,35	119,2		
OT 200 P25	25,10	170	210	2500	60,25	123,0		
OT 200 P28	28,00	140	180	2500	62,35	127,2		
OT 200 P30	30,00	130	170	2000	63,75	130,0		

ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / R 20 S2

Serie

Pompa

Cilindrata (vedere tabella)

Rotazione	
S	Sinistra
D	Destra

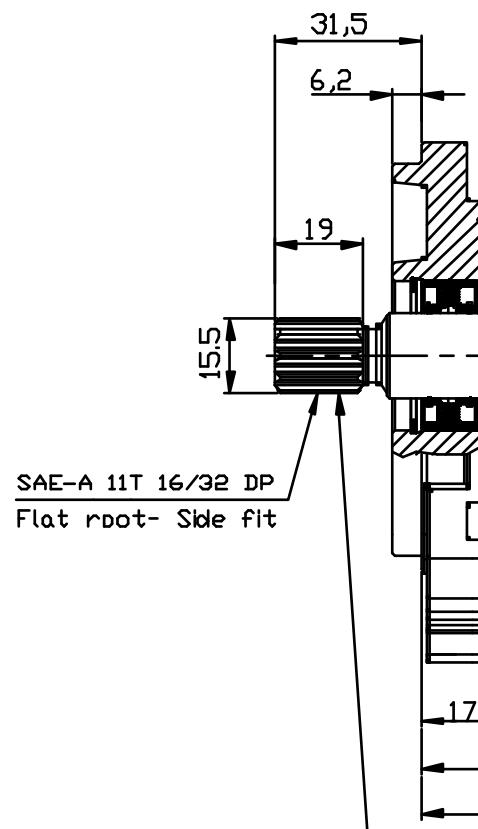
Flangia SAE A

Albero SAE-A 11T 16/32 DP

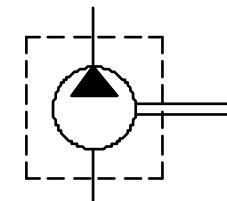
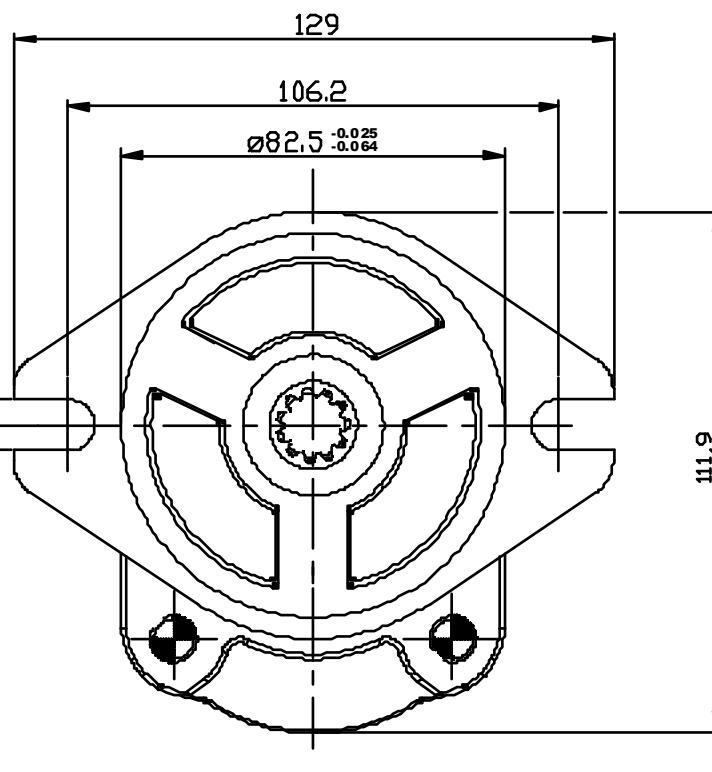
Corpo con bocche O-Ring Boss

GROUP 2 PUMPS- SAE "A" STANDARD

VERSION: R20 S2



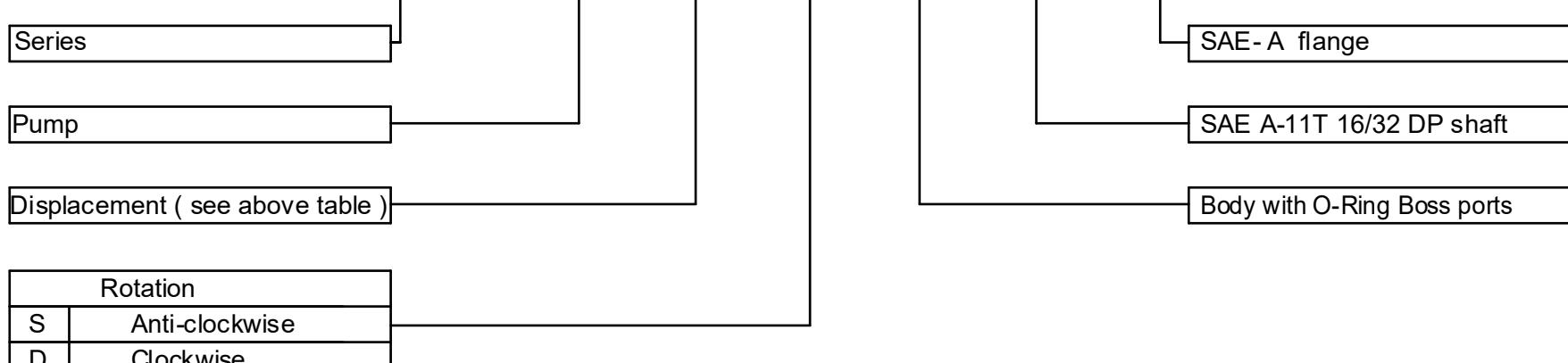
Max Torque 170 Nm



Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B (mm)		Inlet port	Outlet port
					A	B		
OT 200 P04	04,10	250	300	4000	41,00	84,50	7/8-14UNF-2B	7/8-14UNF-2B
OT 200 P06	06,20	250	300	3500	42,50	87,50		
OT 200 P08	08,20	250	300	3500	44,00	90,50		
OT 200 P11	11,20	250	300	3500	46,15	94,80		
OT 200 P14	14,00	240	300	3000	48,15	98,80		
OT 200 P16	16,00	240	300	3000	49,60	101,7		
OT 200 P20	20,00	200	240	3000	52,50	107,5		
OT 200 P22	22,50	170	210	2500	58,35	119,2		
OT 200 P25	25,10	170	210	2500	60,25	123,0		
OT 200 P28	28,00	140	180	2500	62,35	127,2		
OT 200 P30	30,00	130	170	2000	63,75	130,0		

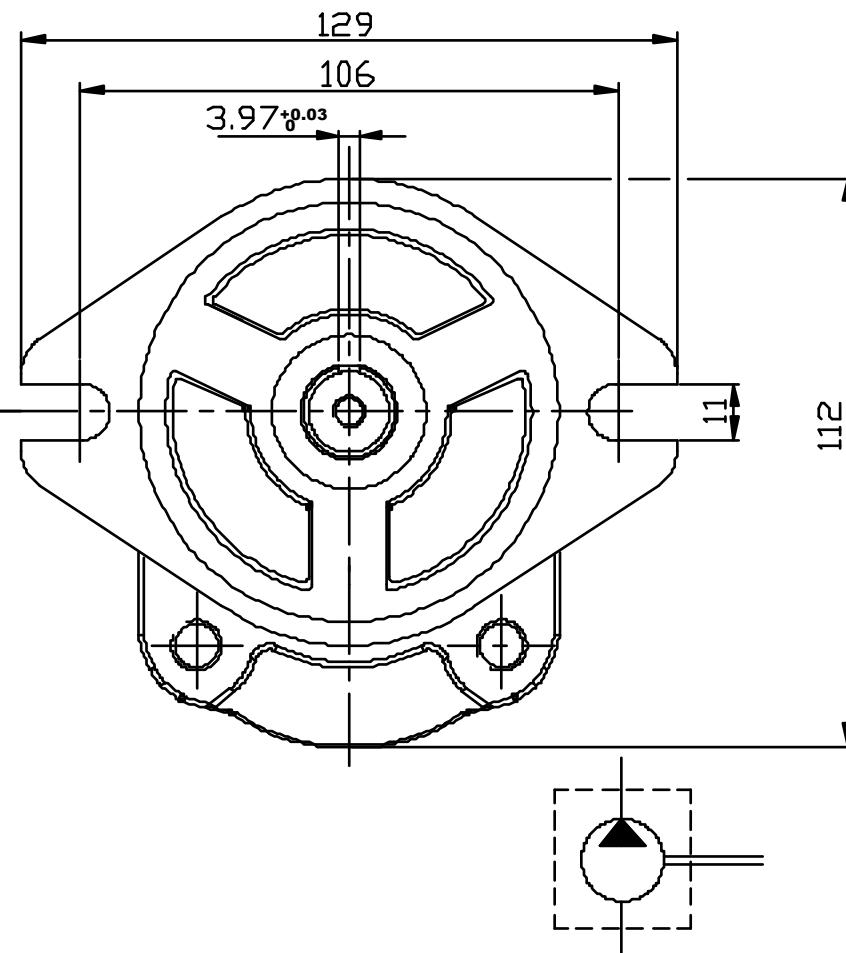
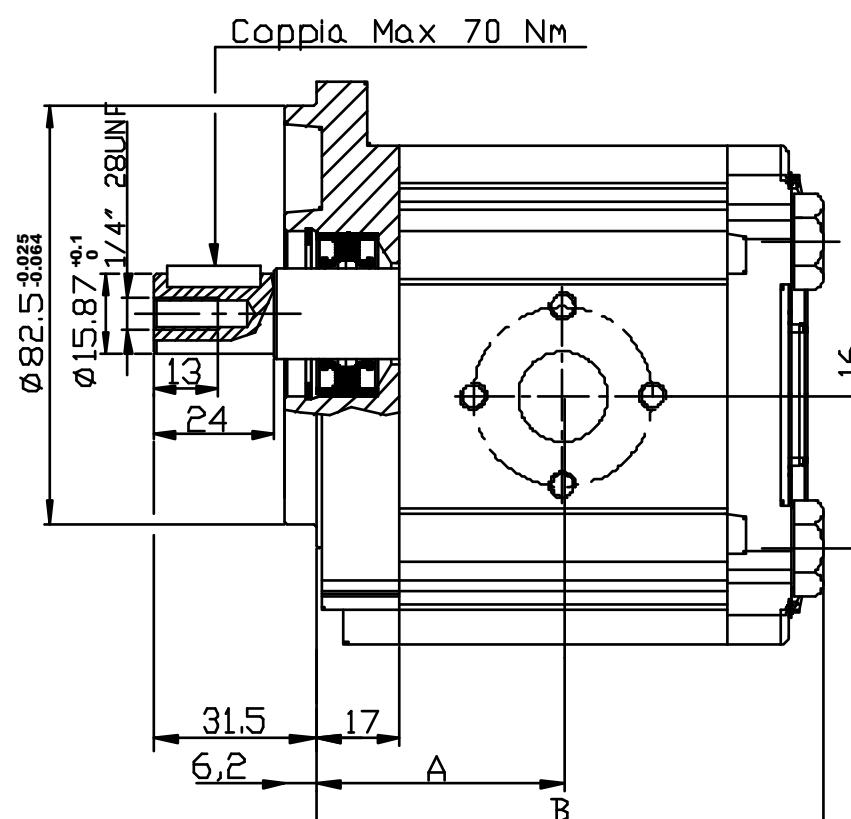
EXAMPLE OF ORDERING CODE

OT200 P 08 S / R 20 S2

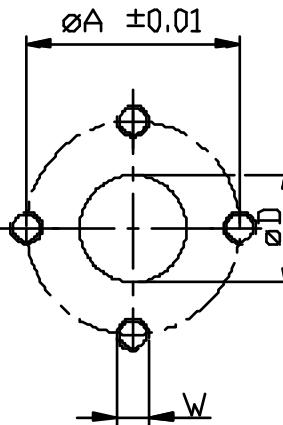


POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

VERSIONE: P31 S2

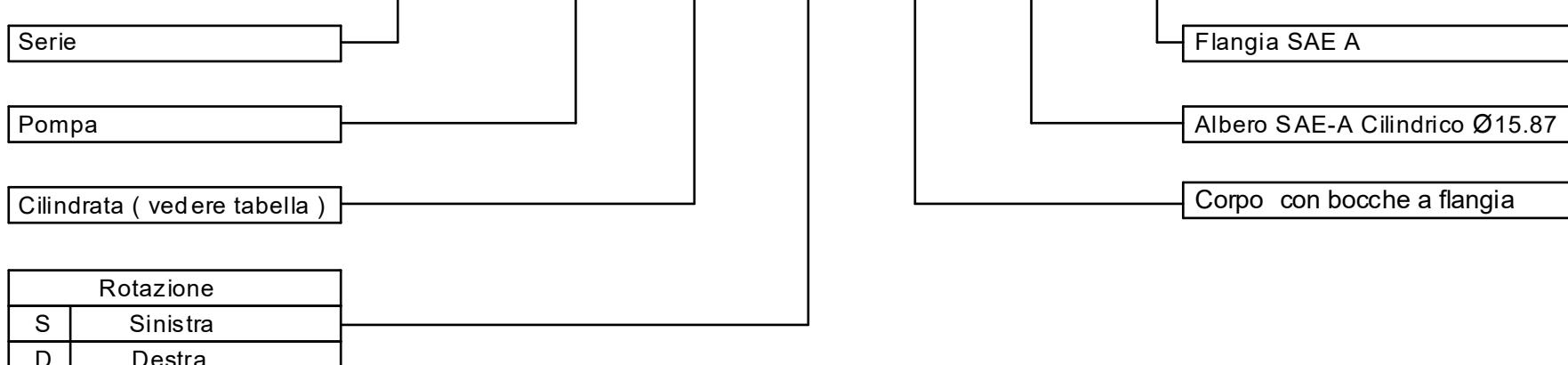


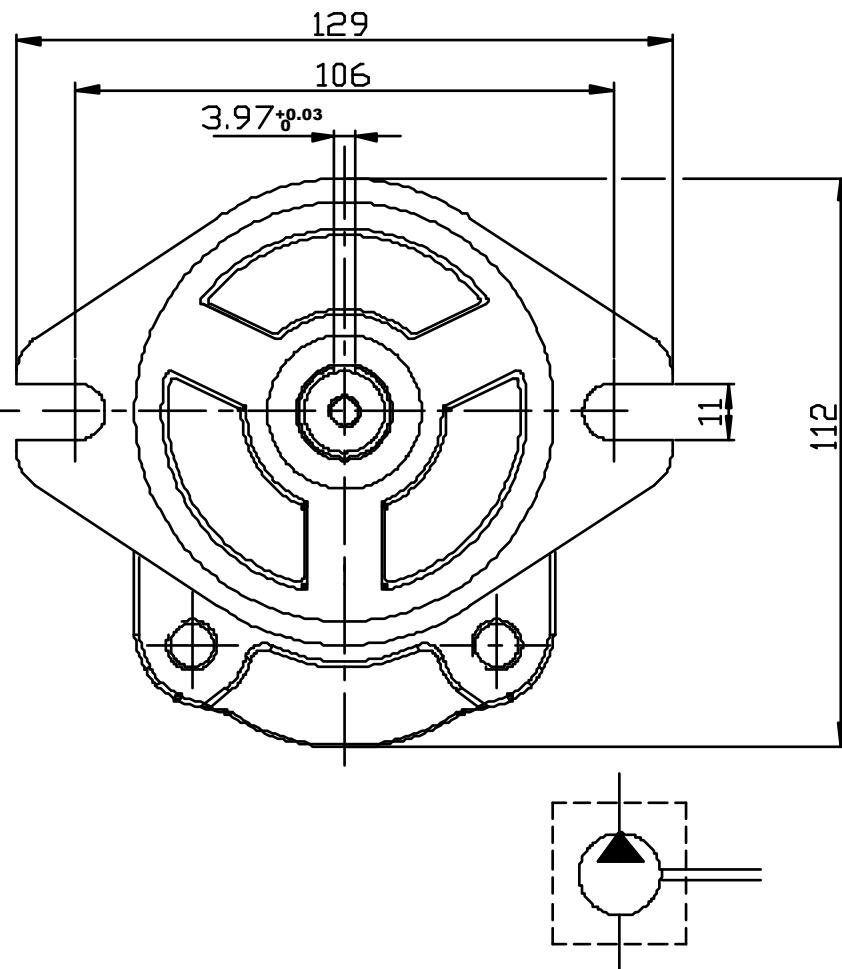
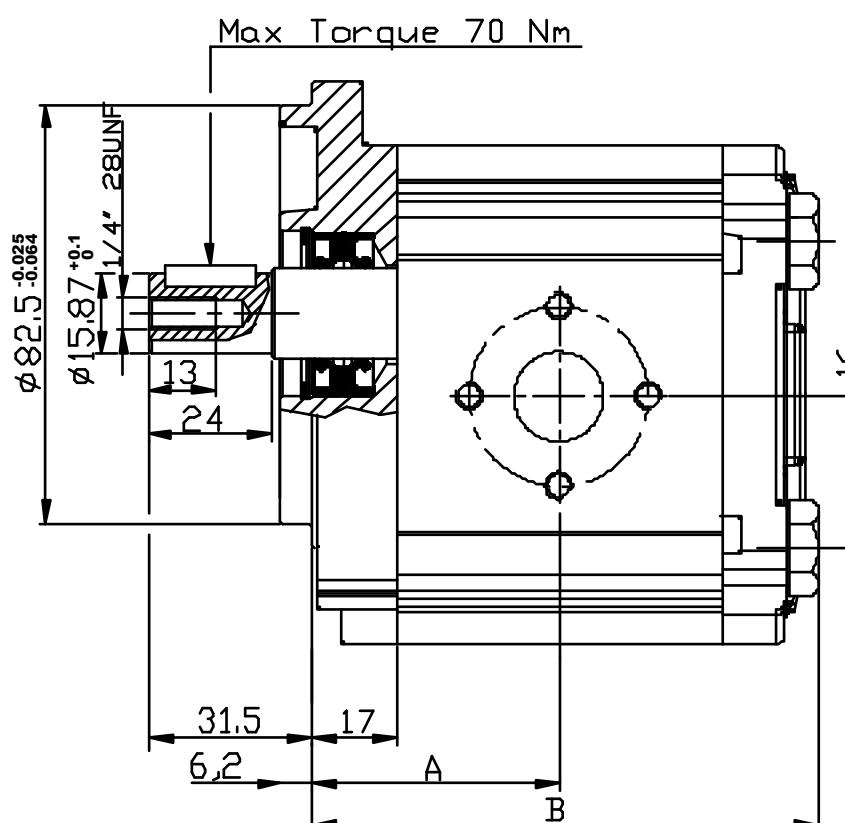
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	41,00	84,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	42,50	87,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	44,00	90,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	46,15	94,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	48,15	98,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	49,60	101,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	52,50	107,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	58,35	119,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	60,25	123,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	62,35	127,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	63,75	130,0	20	40	M8	13	30	M6



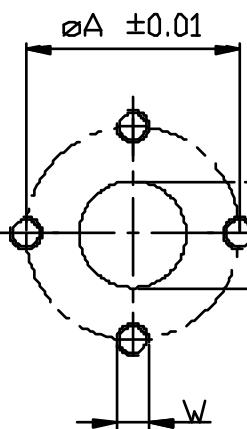
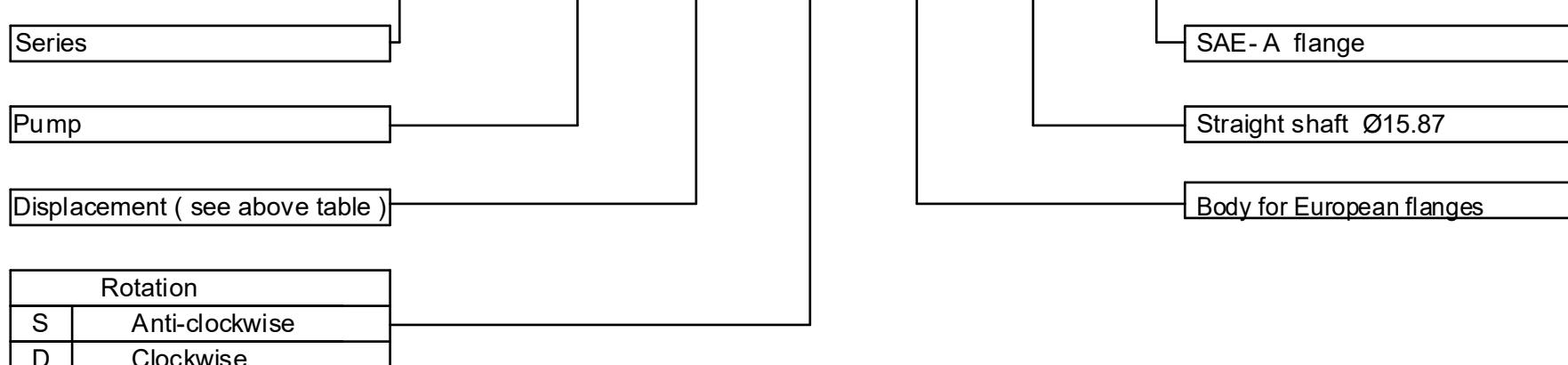
ESEMPIO DI CODICE D'ORDINAZIONE

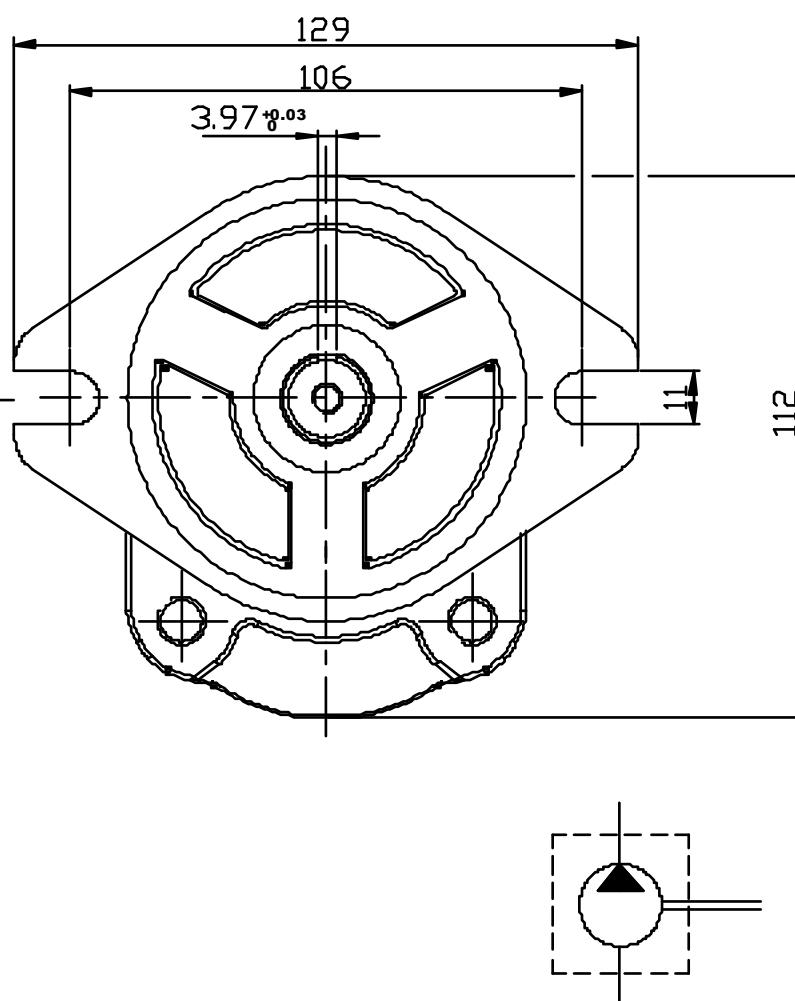
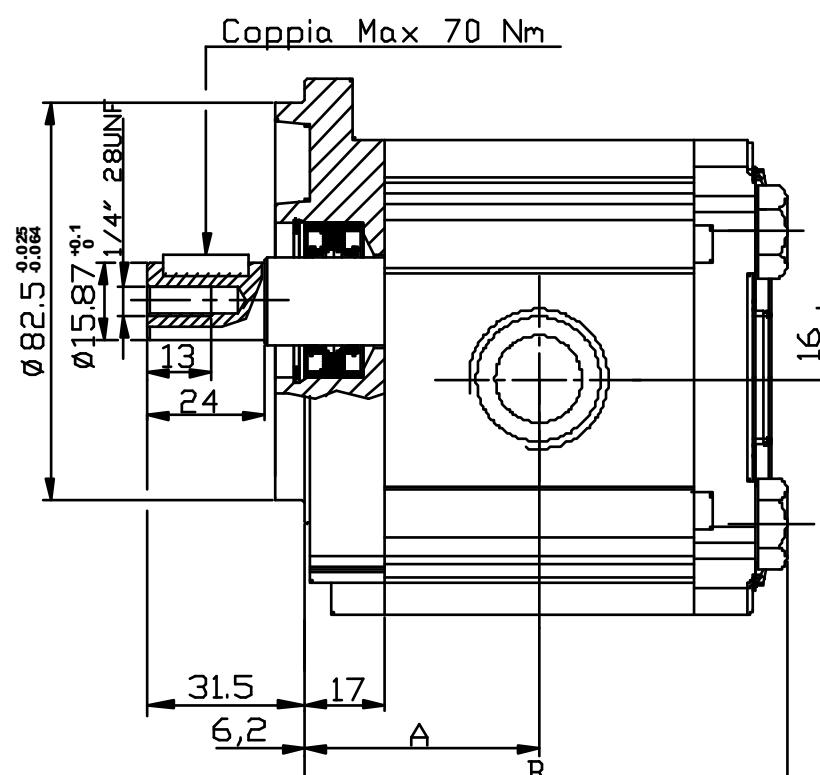
OT200 P 08 S / P 31 S2



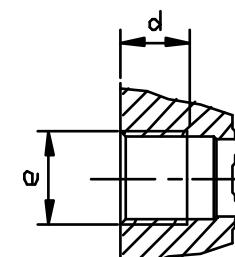
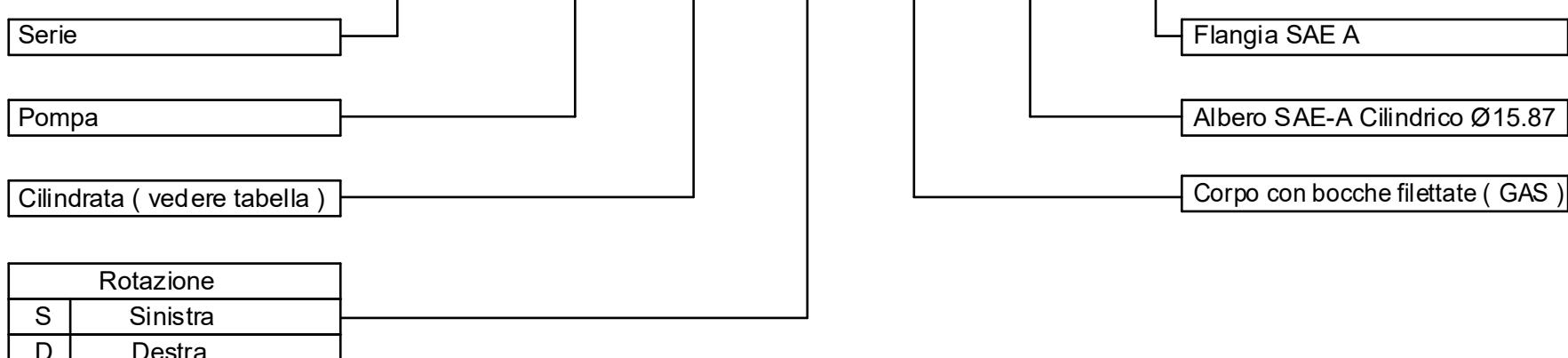
GROUP 2 PUMPS- SAE "A" STANDARD
VERSION: P31 S2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	41,00	84,50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	42,50	87,50	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	44,00	90,50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	46,15	94,80	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	48,15	98,80	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	49,60	101,7	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	52,50	107,5	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	58,35	119,2	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	60,25	123,0	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	62,35	127,2	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	63,75	130,0	20	40	M8	13	30	M6


EXAMPLE OF ORDERING CODE
OT200 P 08 S / P 31 S2


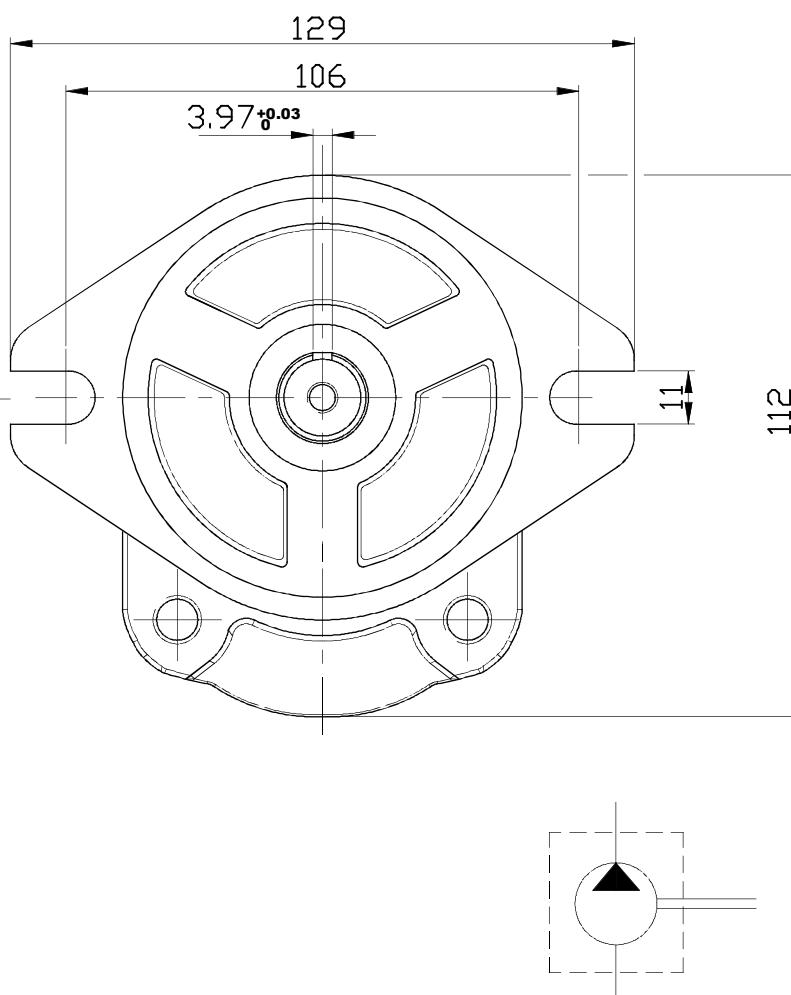
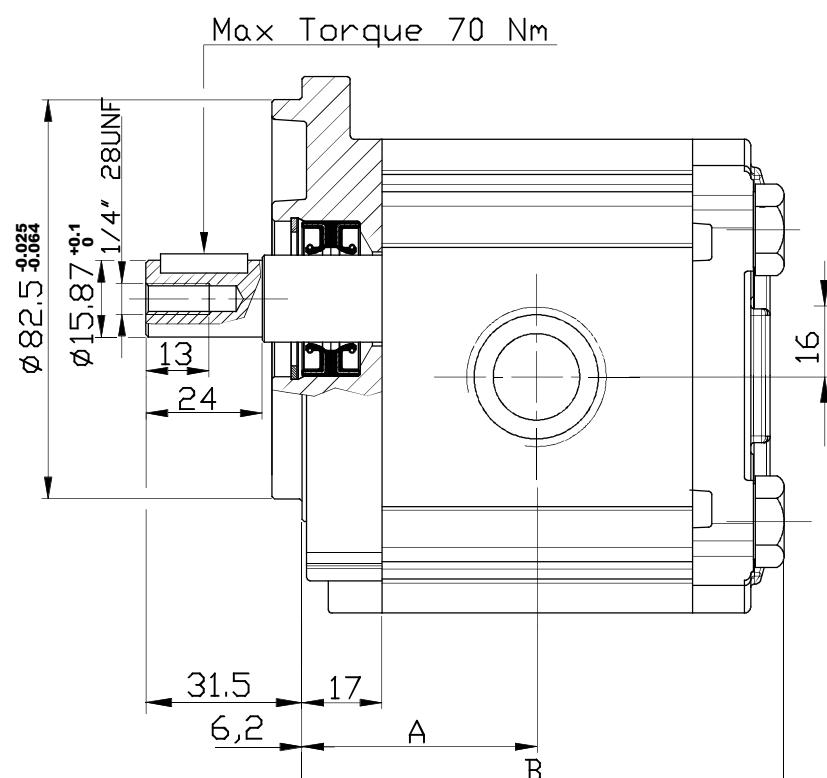
POMPE GRUPPO 2- UNIFICAZIONE SAE " A"
VERSIONE: G31 S2


Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata	
					(mm)	e	d	e	d	
OT 200 P04	04,10	250	300	4000	41,00	84,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	42,50	87,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	44,00	90,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	46,15	94,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	48,15	98,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	49,60	101,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	52,50	107,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	58,35	119,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	60,25	123,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	62,35	127,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	63,75	130,0	G3/4	16	G1/2	14

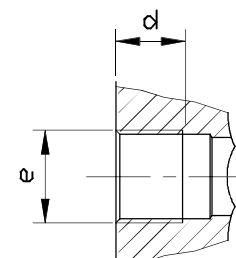

ESEMPIO DI CODICE D'ORDINAZIONE
OT200 P 08 S / G 31 S2


GROUP 2 PUMPS- SAE "A" STANDARD

VERSION: G31 S2

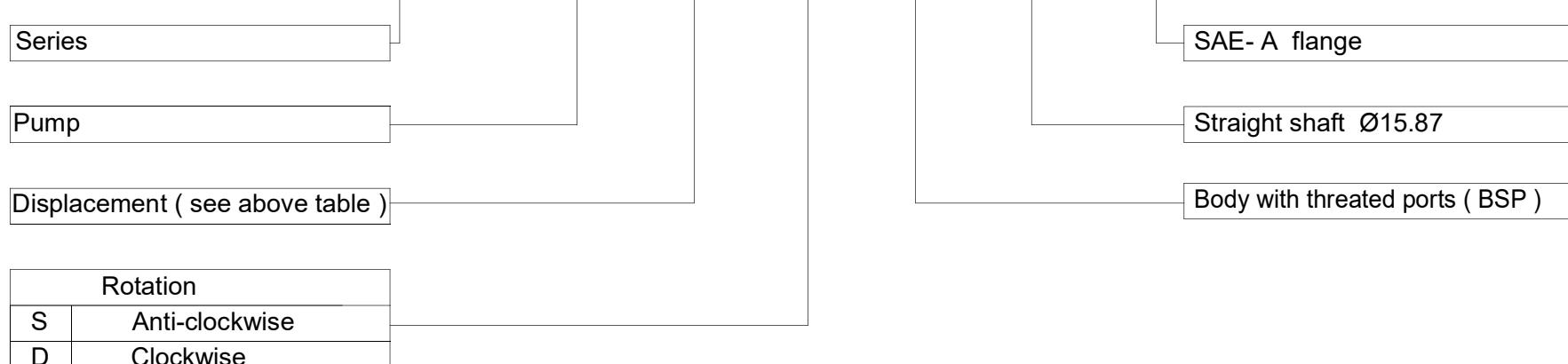


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port		Outlet port	
					(mm)		e	d	e	d
OT 200 P04	04,10	250	300	4000	41,00	84,50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	42,50	87,50	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	44,00	90,50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	46,15	94,80	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	48,15	98,80	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	49,60	101,7	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	52,50	107,5	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	58,35	119,2	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	60,25	123,0	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	62,35	127,2	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	63,75	130,0	G3/4	16	G1/2	14



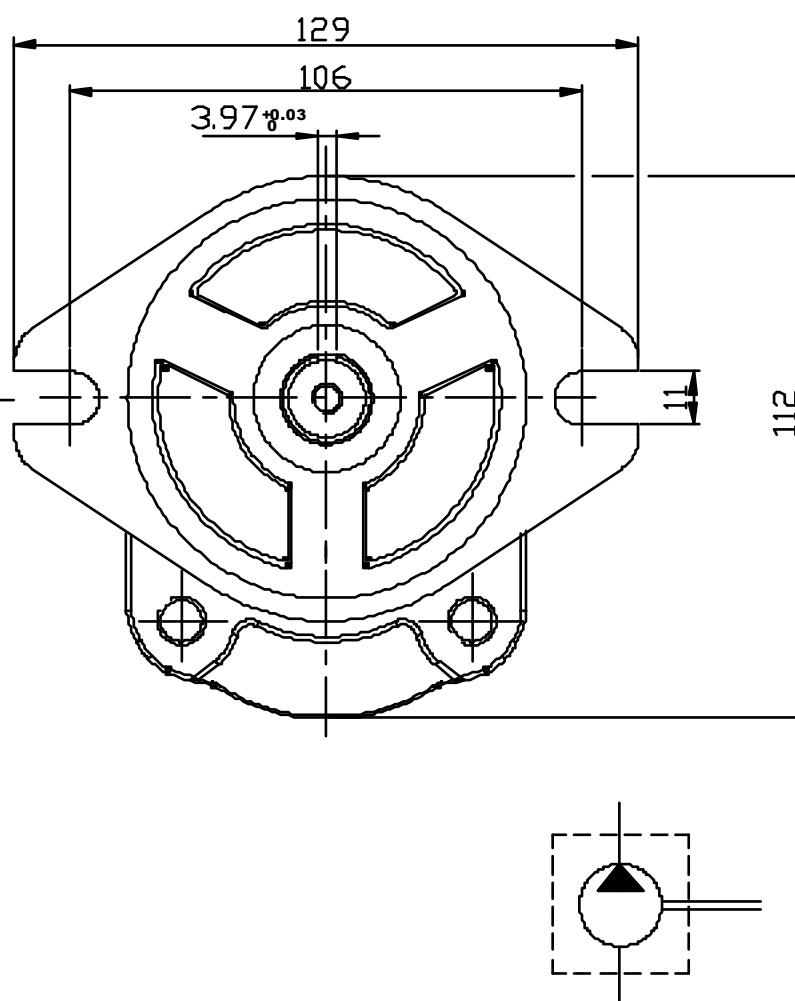
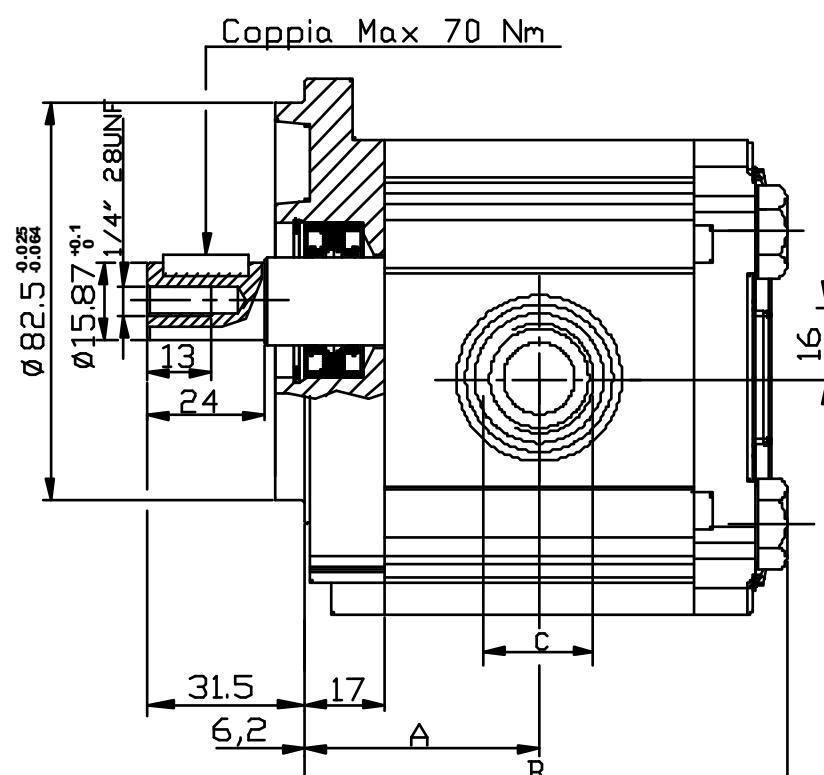
EXAMPLE OF ORDERING CODE

OT200 P 08 S / G 31 S2



POMPE GRUPPO 2- UNIFICAZIONE SAE " A"

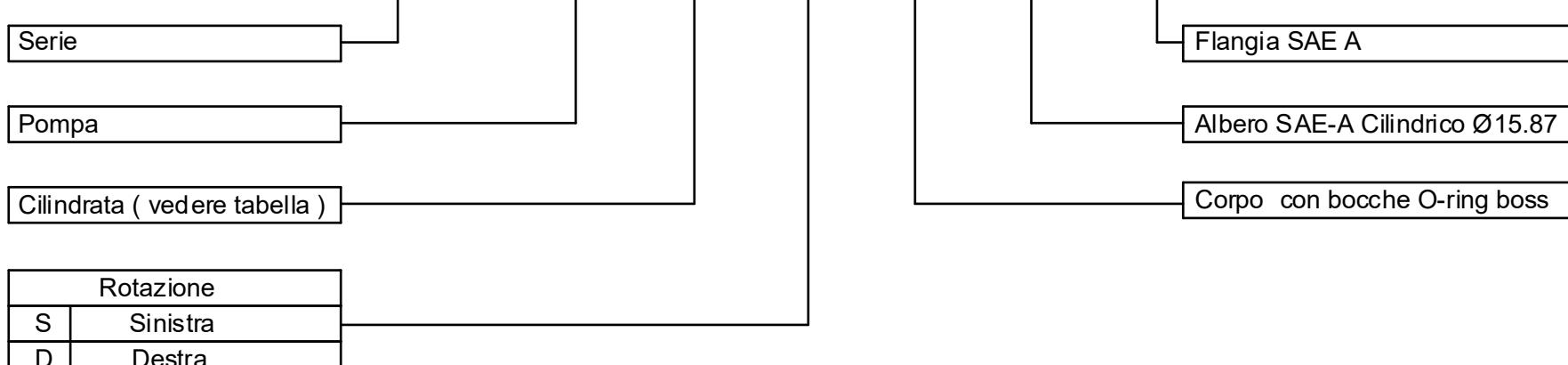
VERSIONE: R31 S2

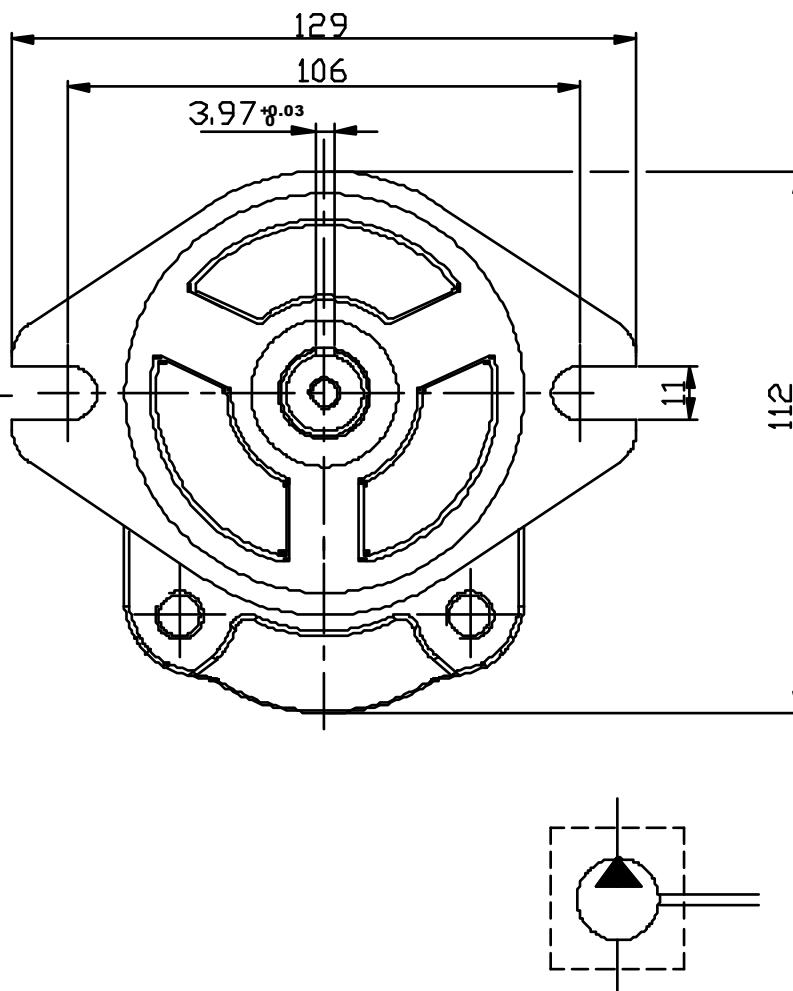
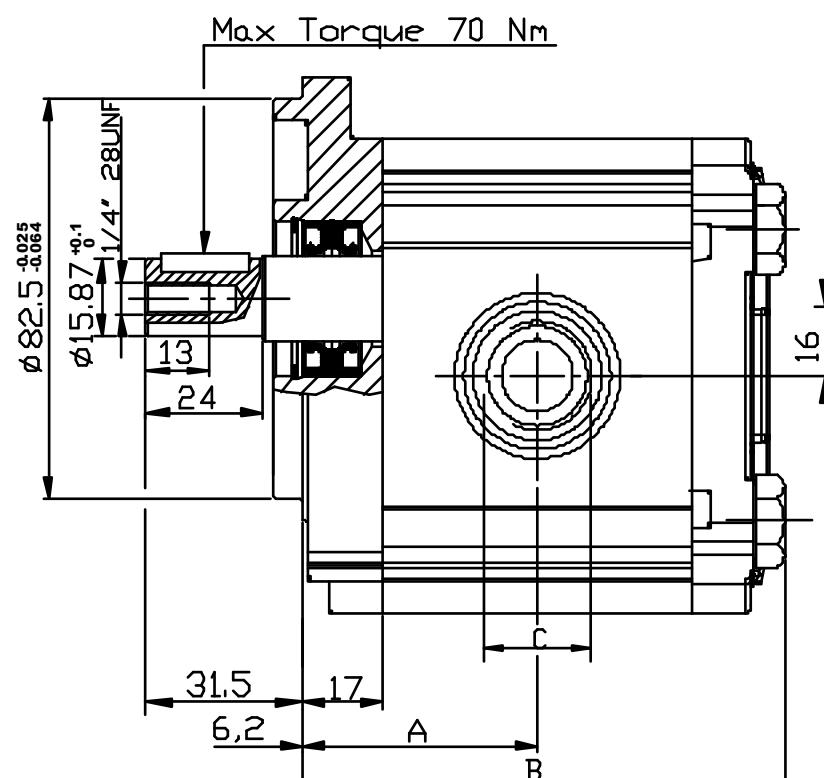


Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione	Bocca di mandata
					A	B		
OT 200 P04	04,10	250	300	4000	41,00	84,50		
OT 200 P06	06,20	250	300	3500	42,50	87,50		
OT 200 P08	08,20	250	300	3500	44,00	90,50		
OT 200 P11	11,20	250	300	3500	46,15	94,80		
OT 200 P14	14,00	240	300	3000	48,15	98,80		
OT 200 P16	16,00	240	300	3000	49,60	101,7		
OT 200 P20	20,00	200	240	3000	52,50	107,5		
OT 200 P22	22,50	170	210	2500	58,35	119,2	1-1/16-12UN-2B	
OT 200 P25	25,10	170	210	2500	60,25	123,0		
OT 200 P28	28,00	140	180	2500	62,35	127,2		
OT 200 P30	30,00	130	170	2000	63,75	130,0		

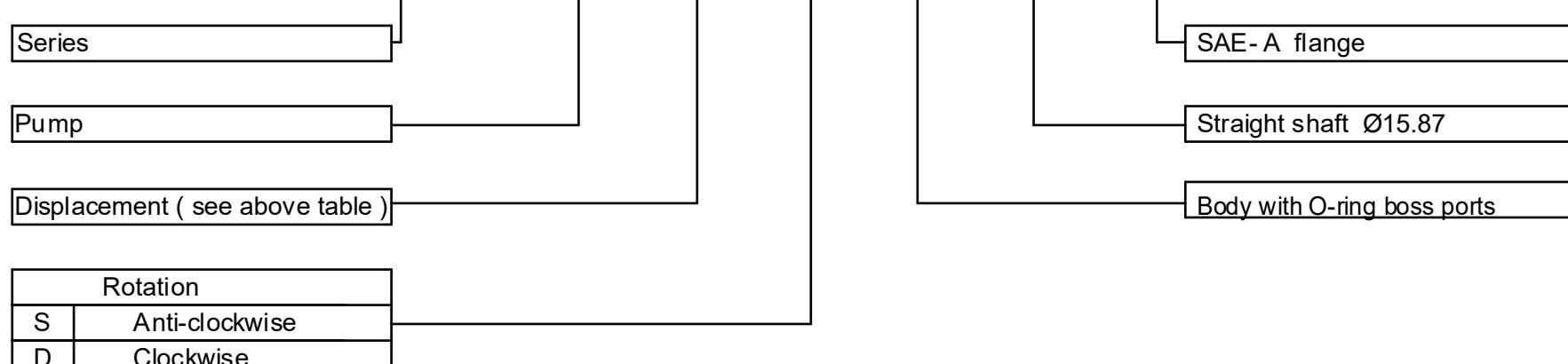
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / R 31 S2



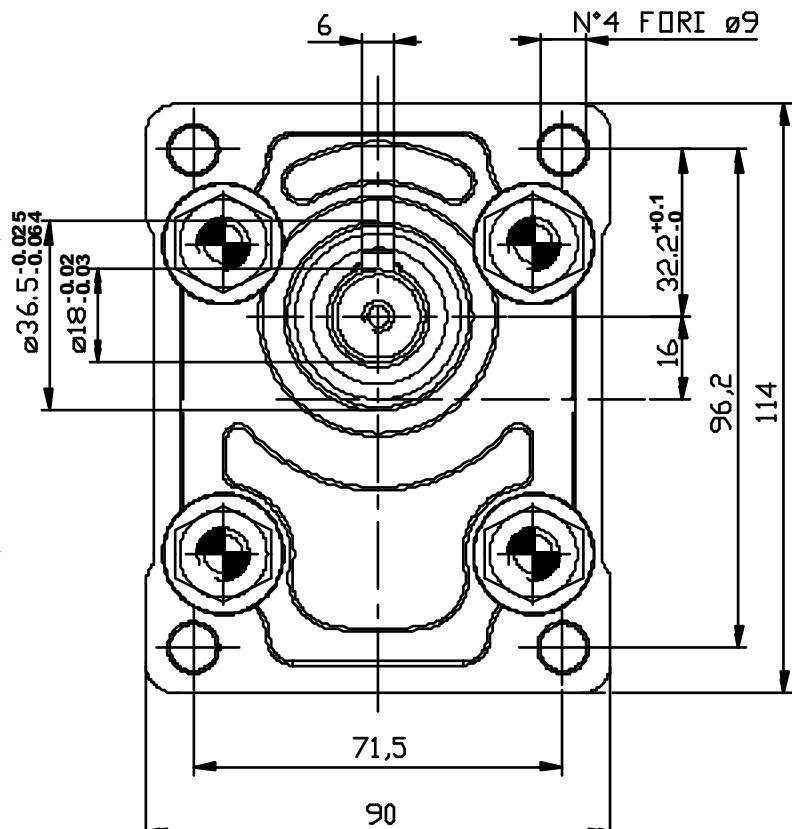
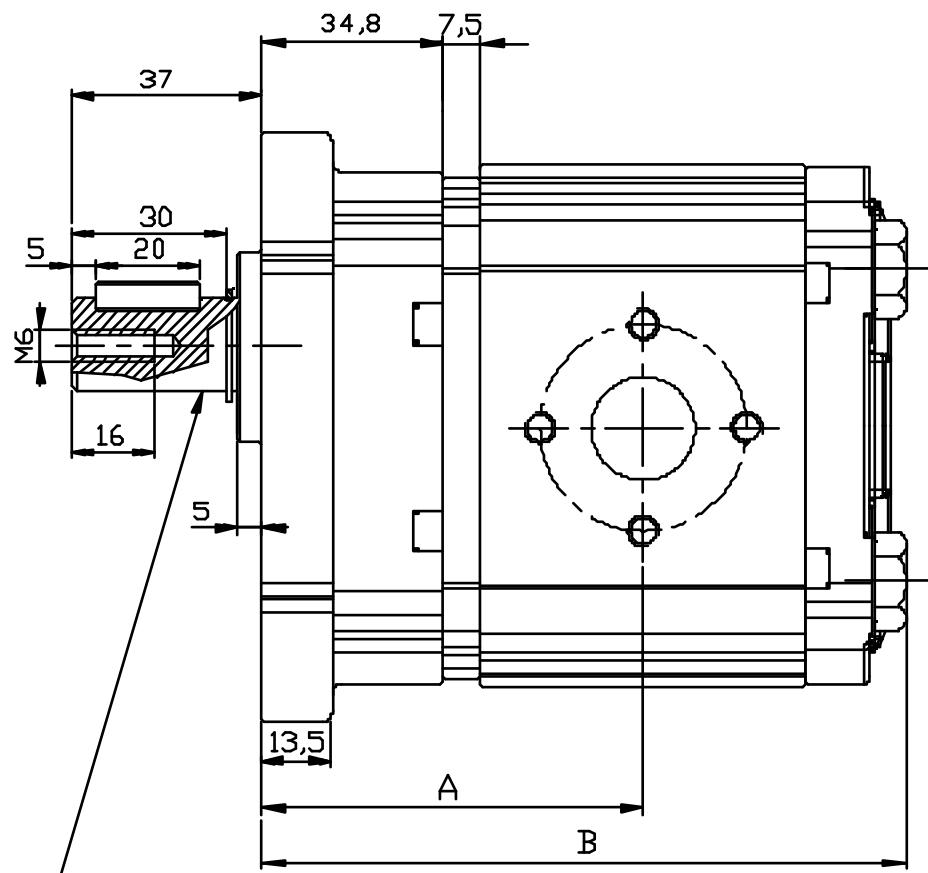
GROUP 2 PUMPS- SAE "A" STANDARD
VERSION: R31 S2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port	Outlet port
					(mm)			
OT 200 P04	04,10	250	300	4000	41,00	84,50		
OT 200 P06	06,20	250	300	3500	42,50	87,50		
OT 200 P08	08,20	250	300	3500	44,00	90,50		
OT 200 P11	11,20	250	300	3500	46,15	94,80		
OT 200 P14	14,00	240	300	3000	48,15	98,80		
OT 200 P16	16,00	240	300	3000	49,60	101,7		
OT 200 P20	20,00	200	240	3000	52,50	107,5		
OT 200 P22	22,50	170	210	2500	58,35	119,2		
OT 200 P25	25,10	170	210	2500	60,25	123,0		
OT 200 P28	28,00	140	180	2500	62,35	127,2		
OT 200 P30	30,00	130	170	2000	63,75	130,0		

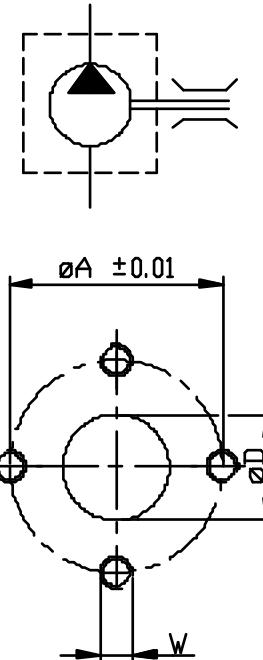
EXAMPLE OF ORDERING CODE
OT200 P 08 S / R 31 S2


POMPE GRUPPO 2- con SUPPORTO

VERSIONE: P T 22 P2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione			Bocca di mandata		
					ØD	ØA	W	ØD	ØA	W	ØD	ØA
OT 200 P04	04,10	230	300	4000	66.30	109.80	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	13	30	M6	13	30	M6
OT 200 P14	14,00	250	300	3000	73.45	124.10	20	40	M8	13	30	M6
OT 200 P16	16,00	250	300	3000	74.90	127.00	20	40	M8	13	30	M6
OT 200 P20	20,00	210	240	3000	77.80	132.80	20	40	M8	13	30	M6
OT 200 P22	22,50	180	210	2500	82.65	144.50	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M8	13	30	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / P / T 22 P2

Serie

Pompa

Cilindrata (vedere tabella)

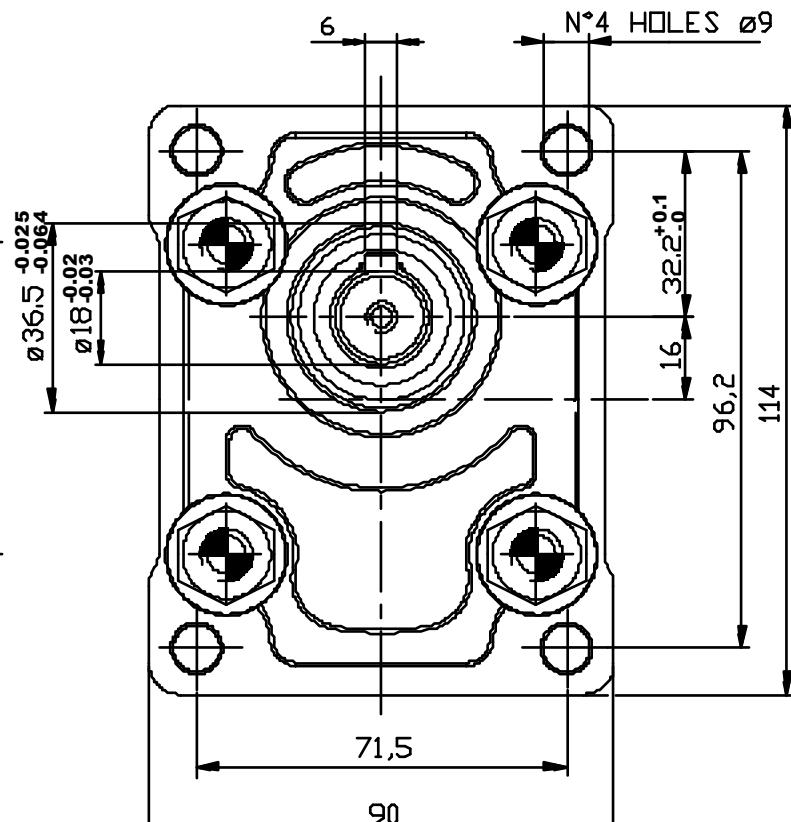
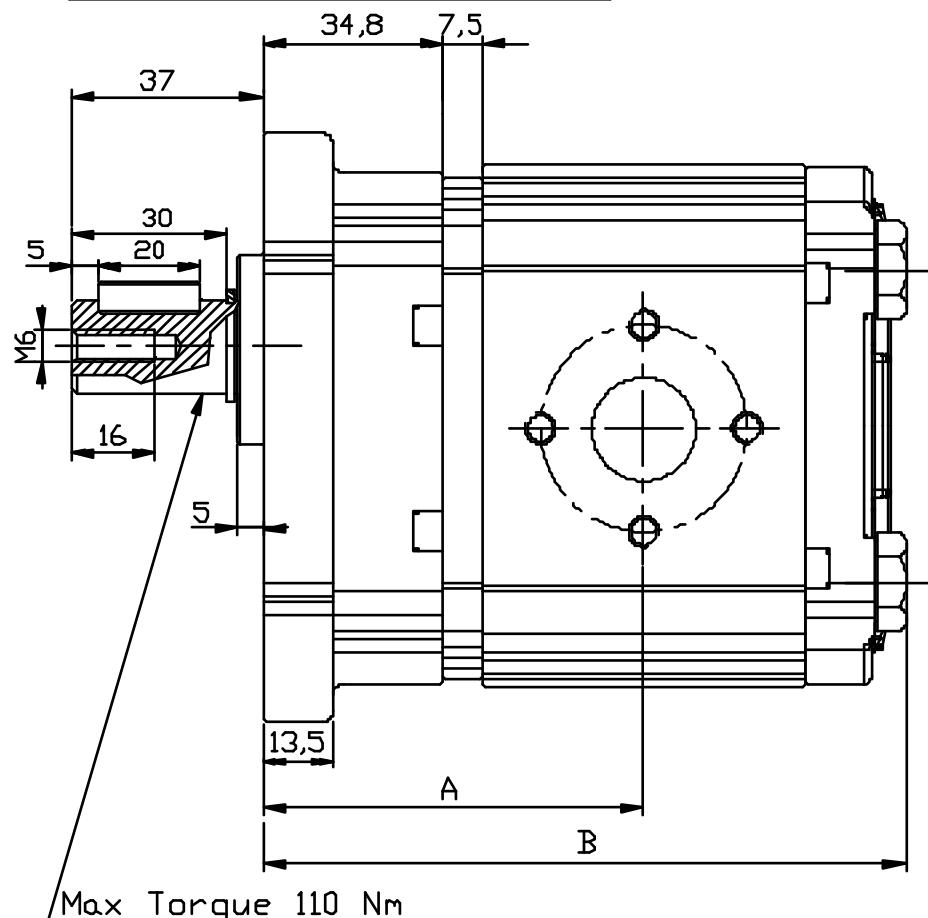
Rotazione	
S	Sinistra
D	Destra

Flangia standard Europeo

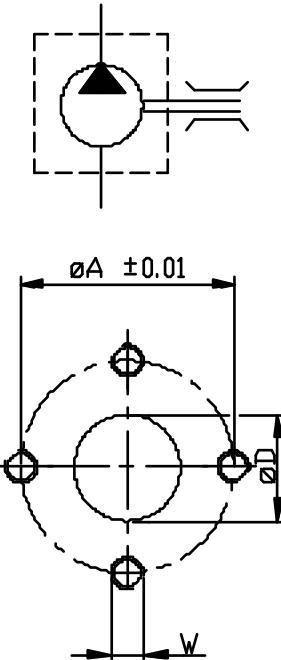
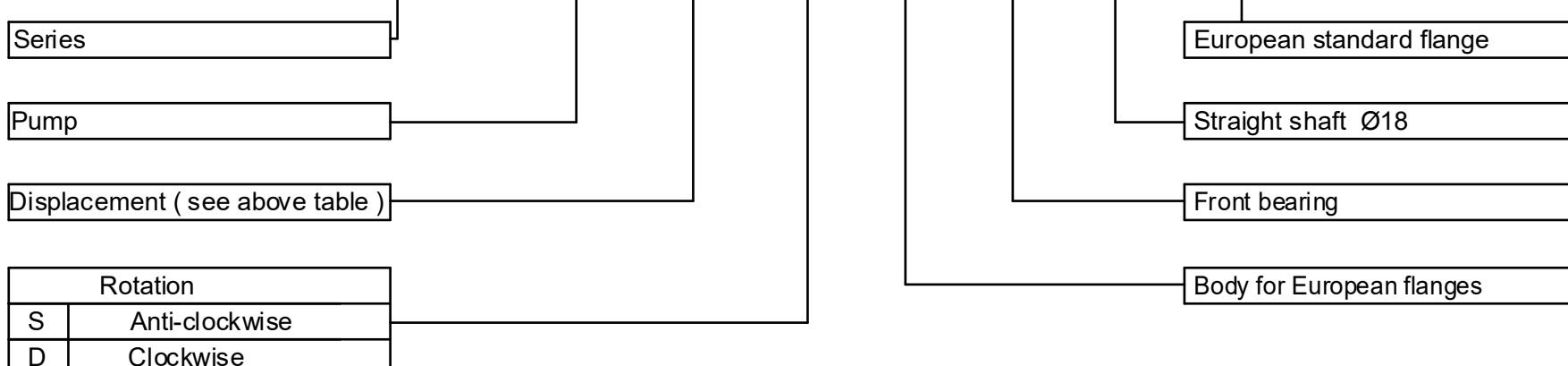
Albero parallelo Ø18

Supporto con cuscinetto

Corpo con bocche a flangia

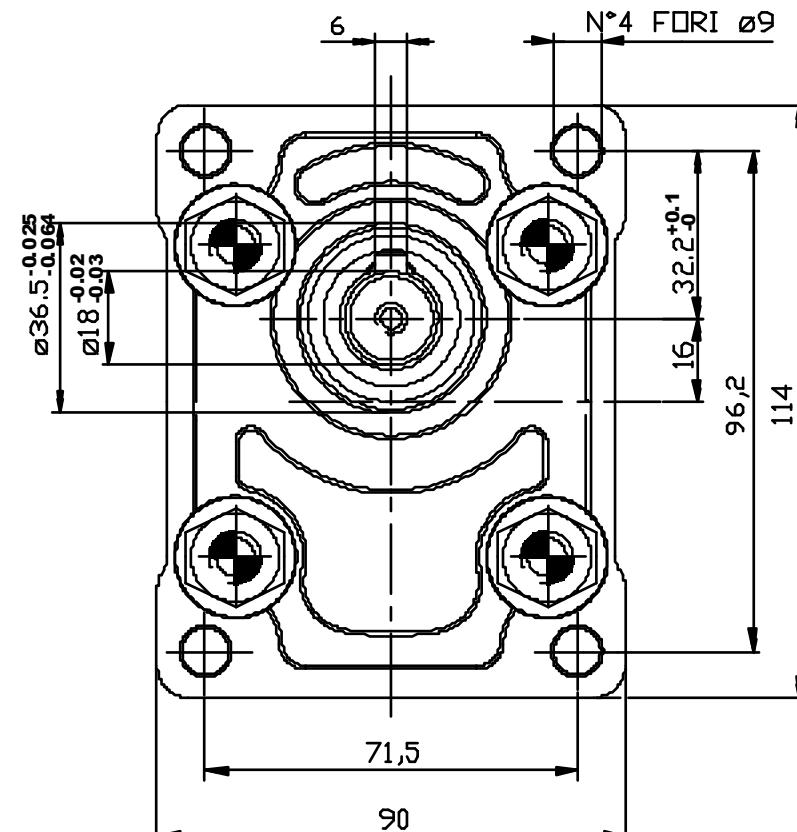
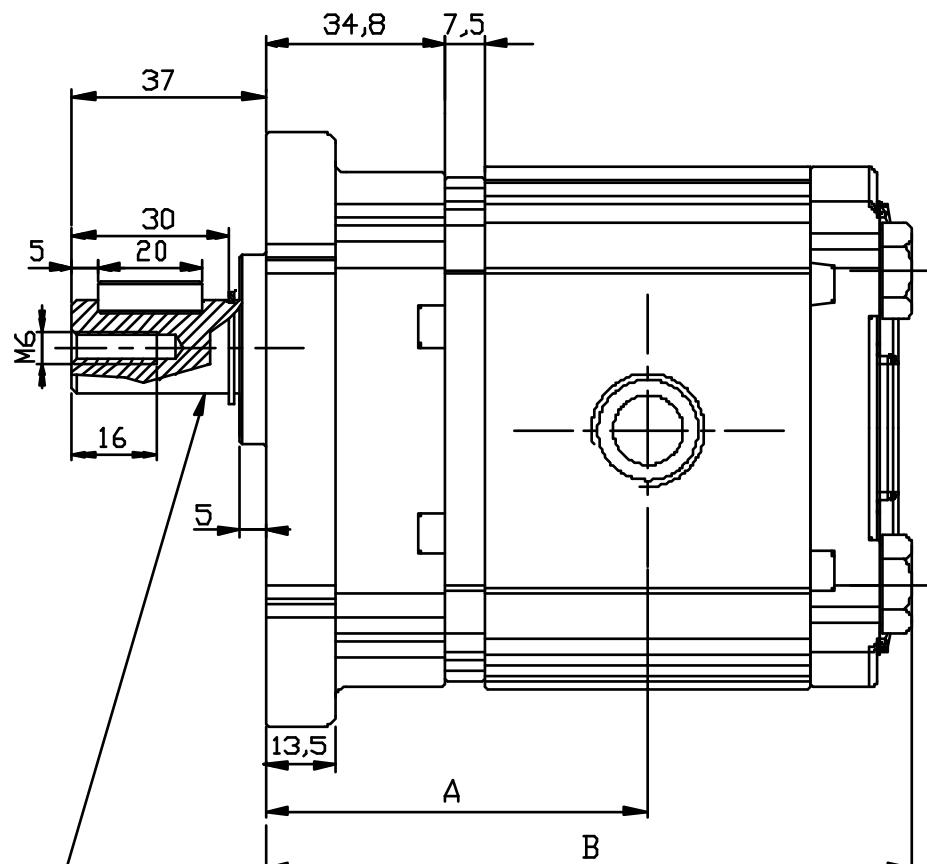
GROUP 2 PUMPS- WITH FRONT BEARING
VERSION: PT 22 P2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B (mm)		Inlet port			Outlet port		
					ØD	ØA	W	ØD	ØA	W	ØD	ØA
OT 200 P04	04,10	250	300	4000	66.30	109.80	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M8	13	30	M6


EXAMPLE OF ORDERING CODE
OT200 P 08 S / P / T 22 P2


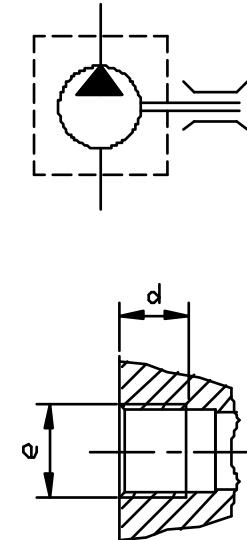
POMPE GRUPPO 2- CON SUPPORTO

VERSIONE: G T 22 P2



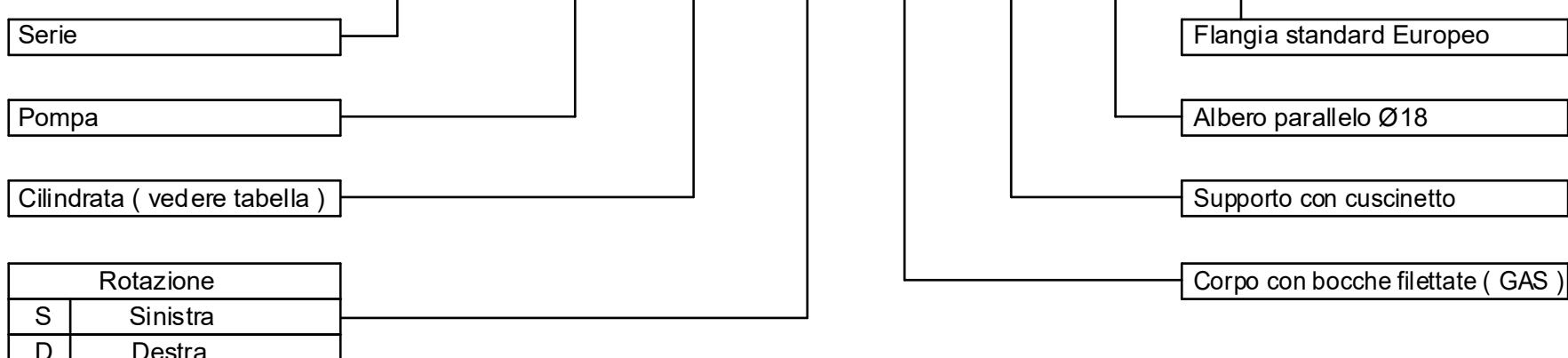
Coppia Max 110 Nm

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata	
					(mm)	e	d	e	d	
OT 200 P04	04,10	250	300	4000	66.30	109.80	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	67.80	112.80	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	69.30	115.80	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	71.45	120.10	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	73.45	124.10	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	74.90	127.00	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	77.80	132.80	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	82.65	144.50	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	85.55	148.30	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	87.65	152.50	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	89.05	155.30	G3/4	16	G1/2	14



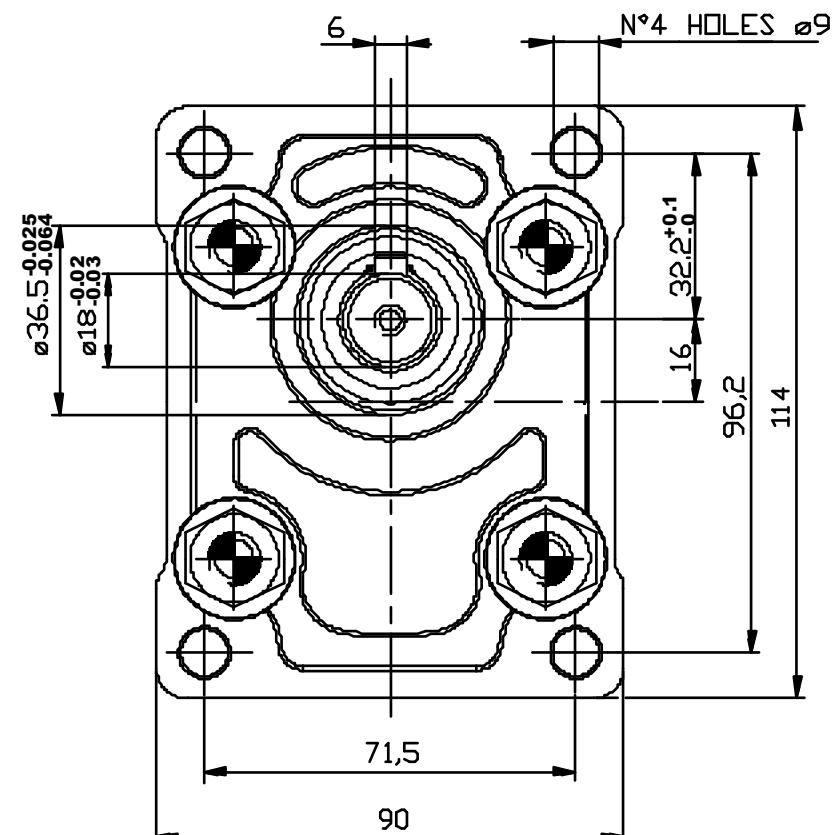
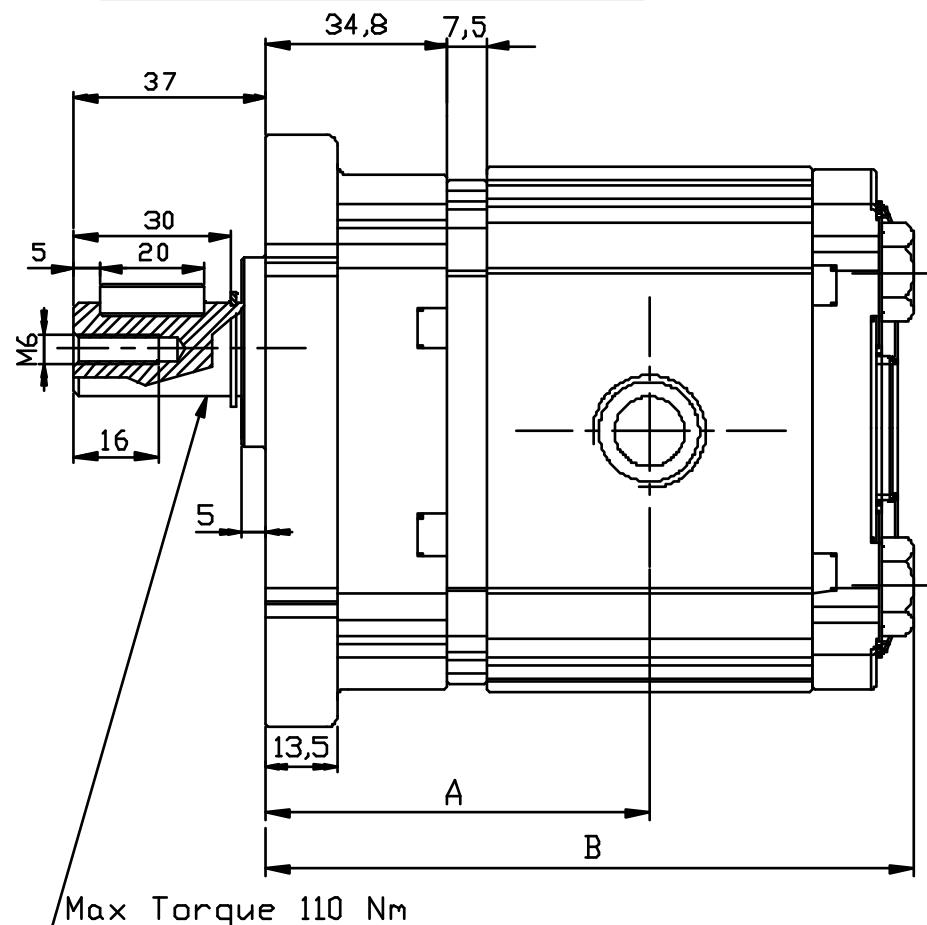
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / G / T 22 P2

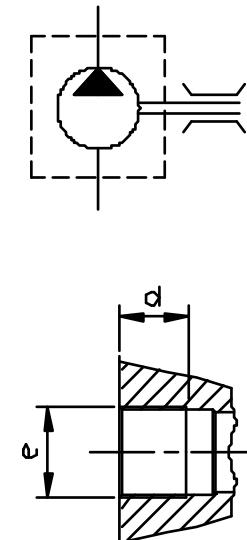


GROUP 2 PUMPS- WITH FRONT BEARING

VERSION: GT 22 P2

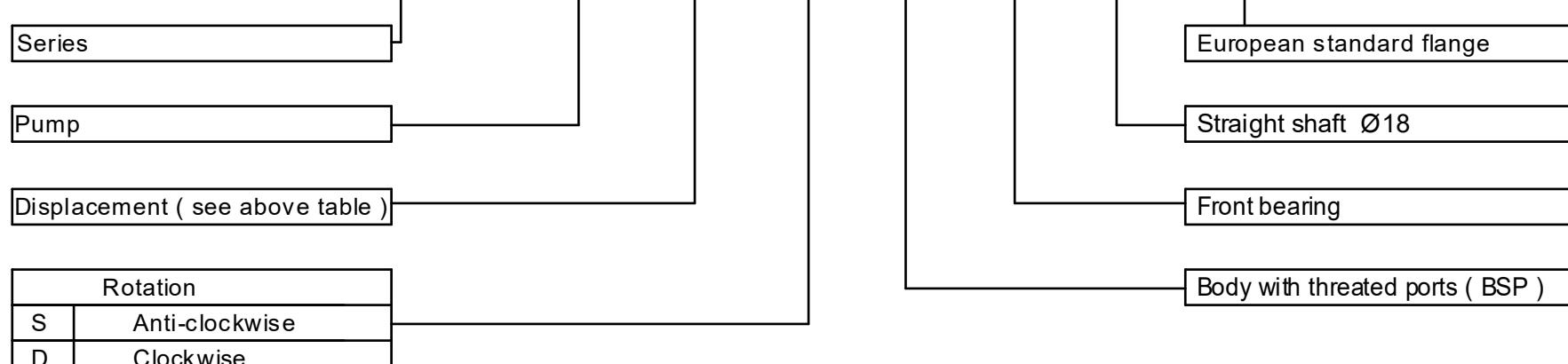


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port		Outlet port	
					(mm)		e	d	e	d
OT 200 P04	04,10	250	300	4000	66.30	109.80	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	67.80	112.80	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	69.30	115.80	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	71.45	120.10	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	73.45	124.10	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	74.90	127.00	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	77.80	132.80	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	82.65	144.50	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	85.55	148.30	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	87.65	152.50	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	89.05	155.30	G3/4	16	G1/2	14



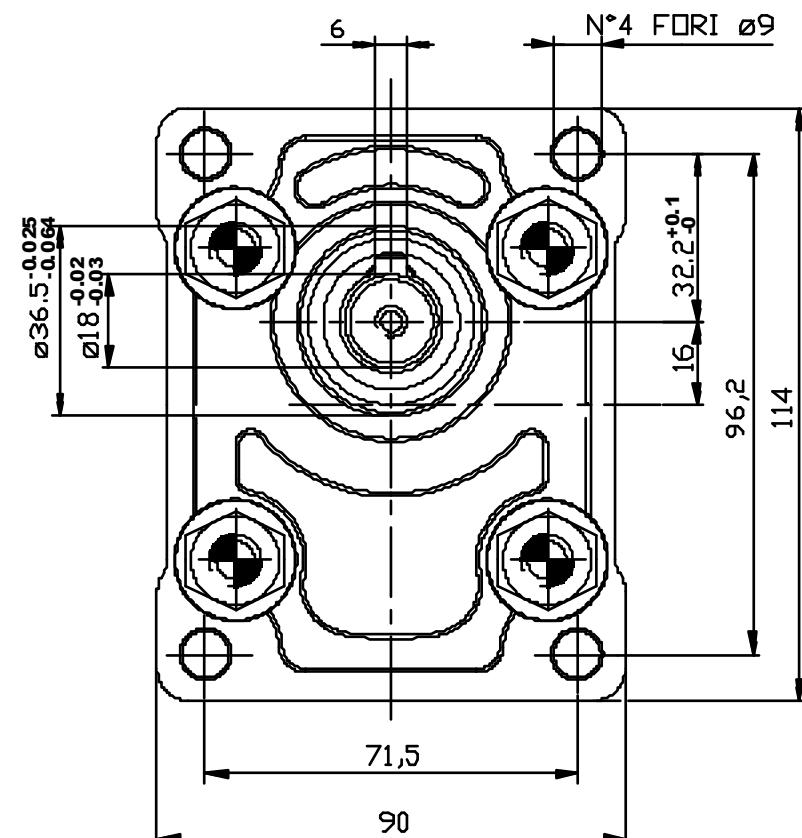
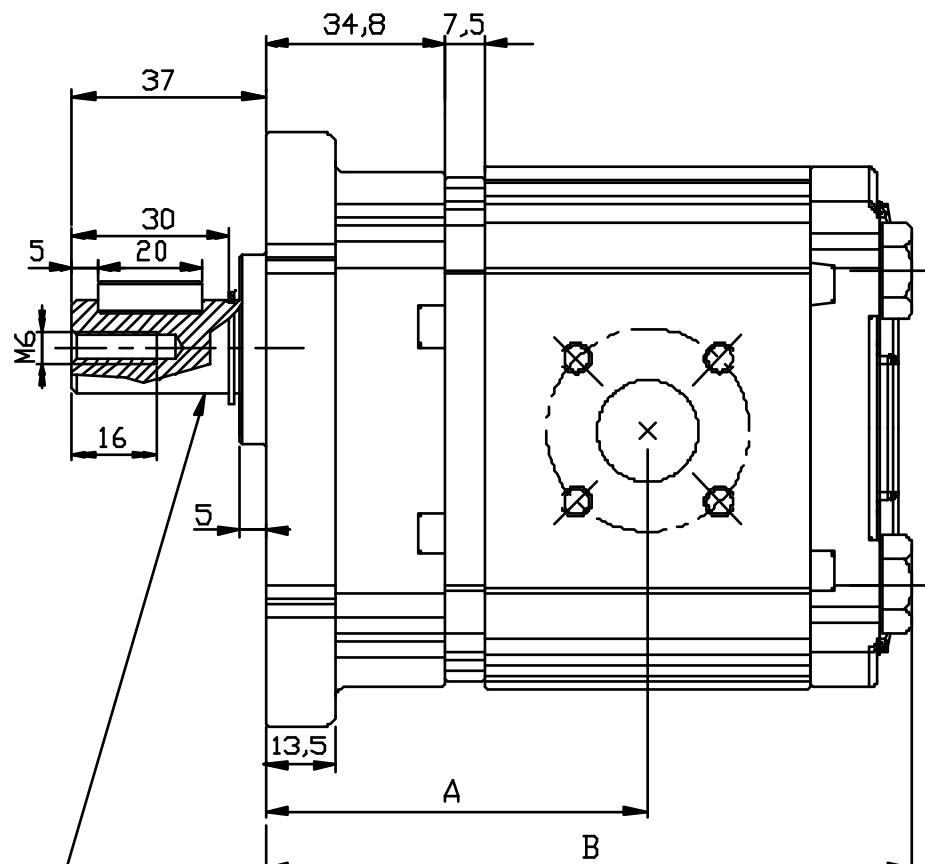
EXAMPLE OF ORDERING CODE

OT200 P 08 S / G / T 22 P2

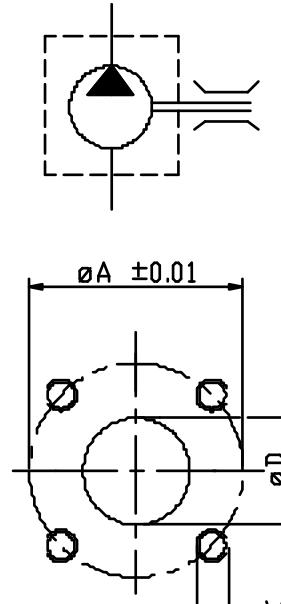


POMPE GRUPPO 2- CON SUPPORTO

VERSIONE: B T 22 P2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B / T 22 P2

Serie

Pompa

Cilindrata (vedere tabella)

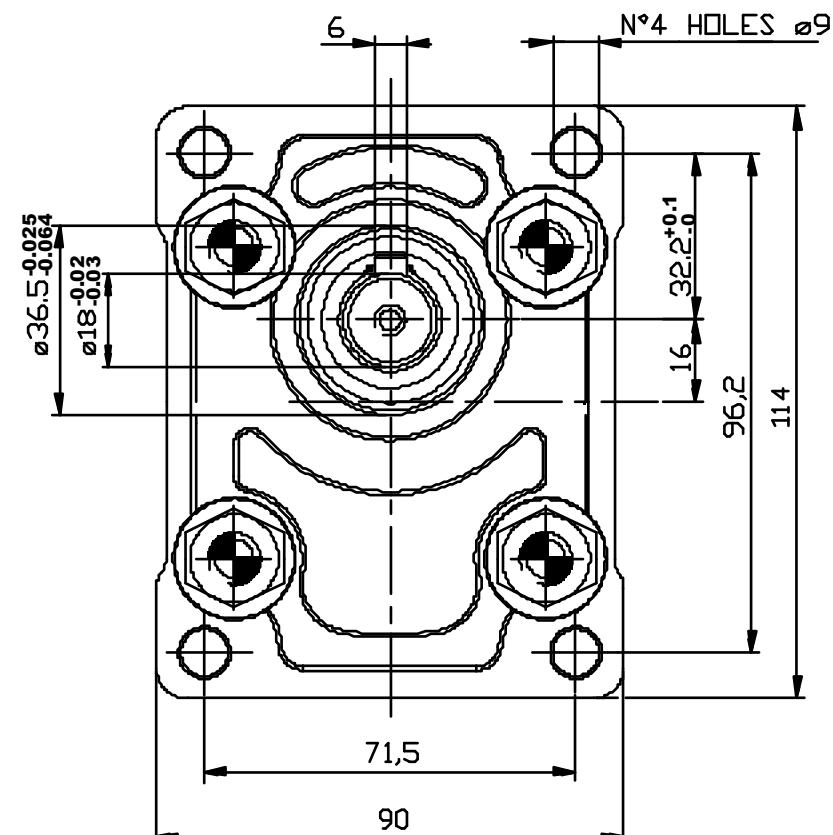
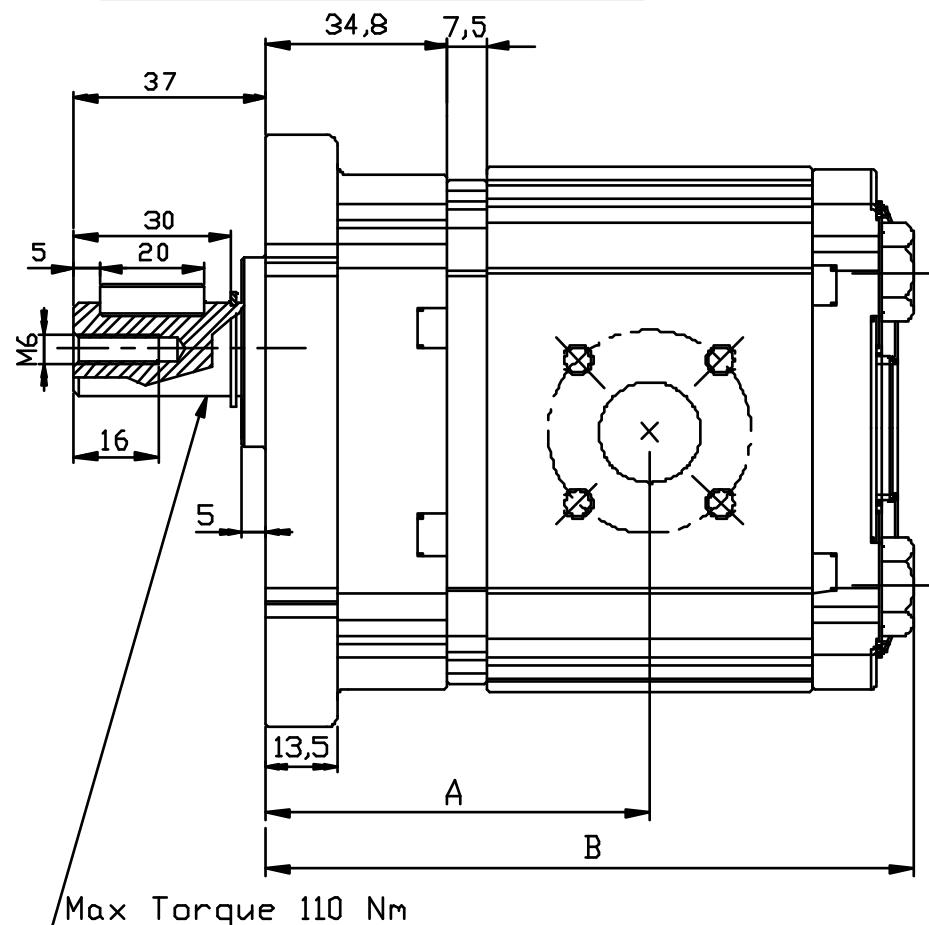
Rotazione	
S	Sinistra
D	Destra

Flangia standard Europeo

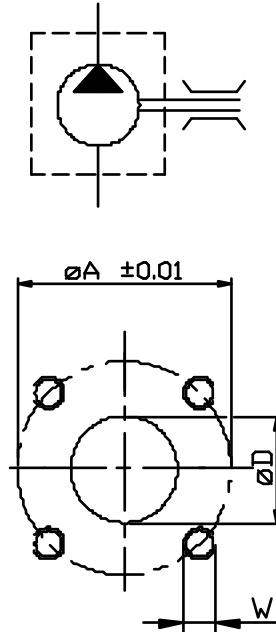
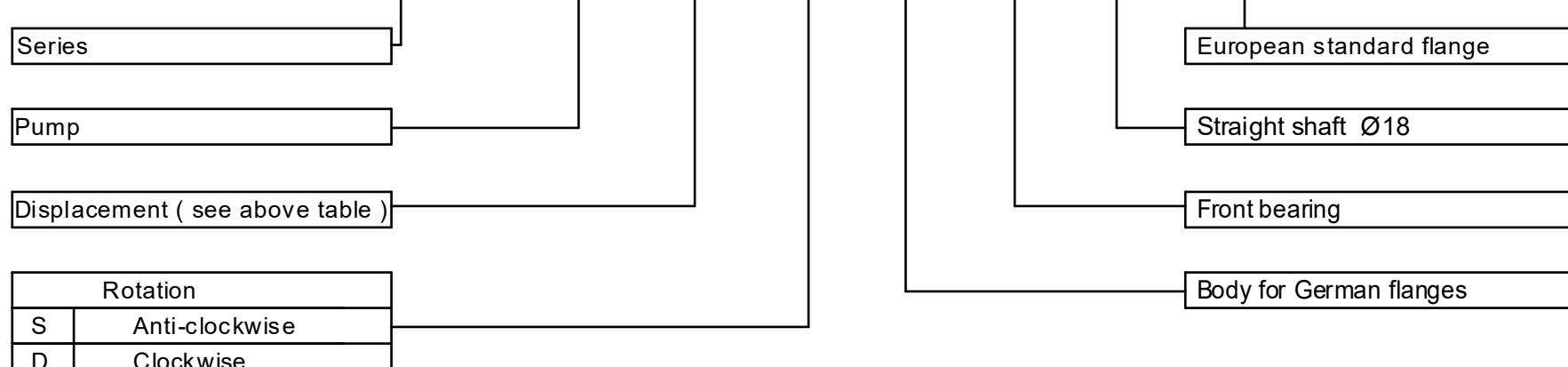
Albero parallelo Ø18

Supporto con cuscinetto

Corpo con bocche a flangia

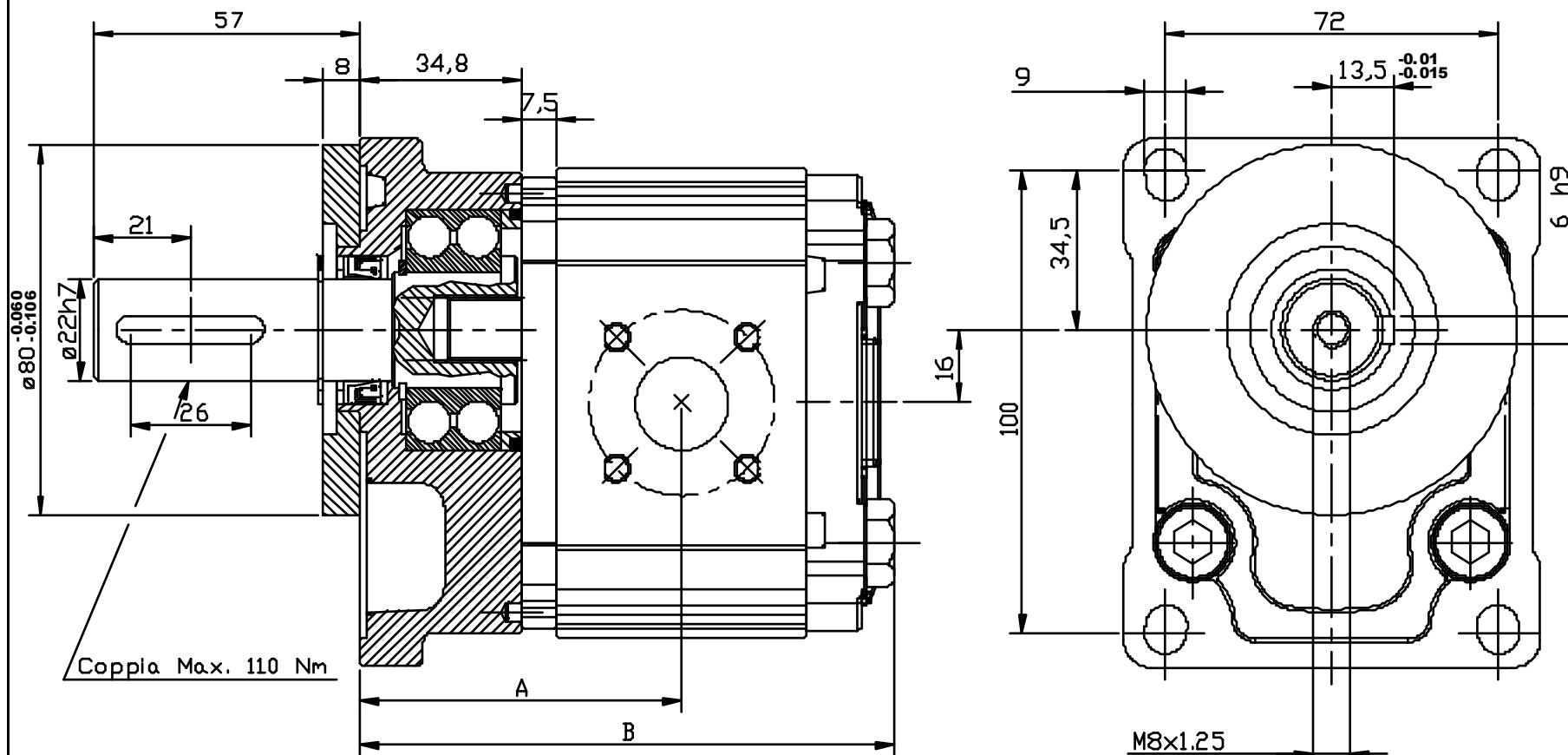
GROUP 2 PUMPS- WITH FRONT BEARING
VERSION: B T 22 P2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port			Outlet port		
					B	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6

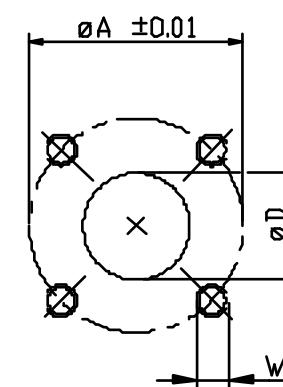

EXAMPLE OF ORDERING CODE
OT200 P 08 S / B / T 22 P2


POMPE GRUPPO 2- CON SUPPORTO

VERSIONE: B T 29 B2



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / B / T 29 B2

Serie

Flangia standard Tedesco

Pompa

Albero parallelo Ø22

Cilindrata (vedere tabella)

Supporto con cuscinetto

Rotazione

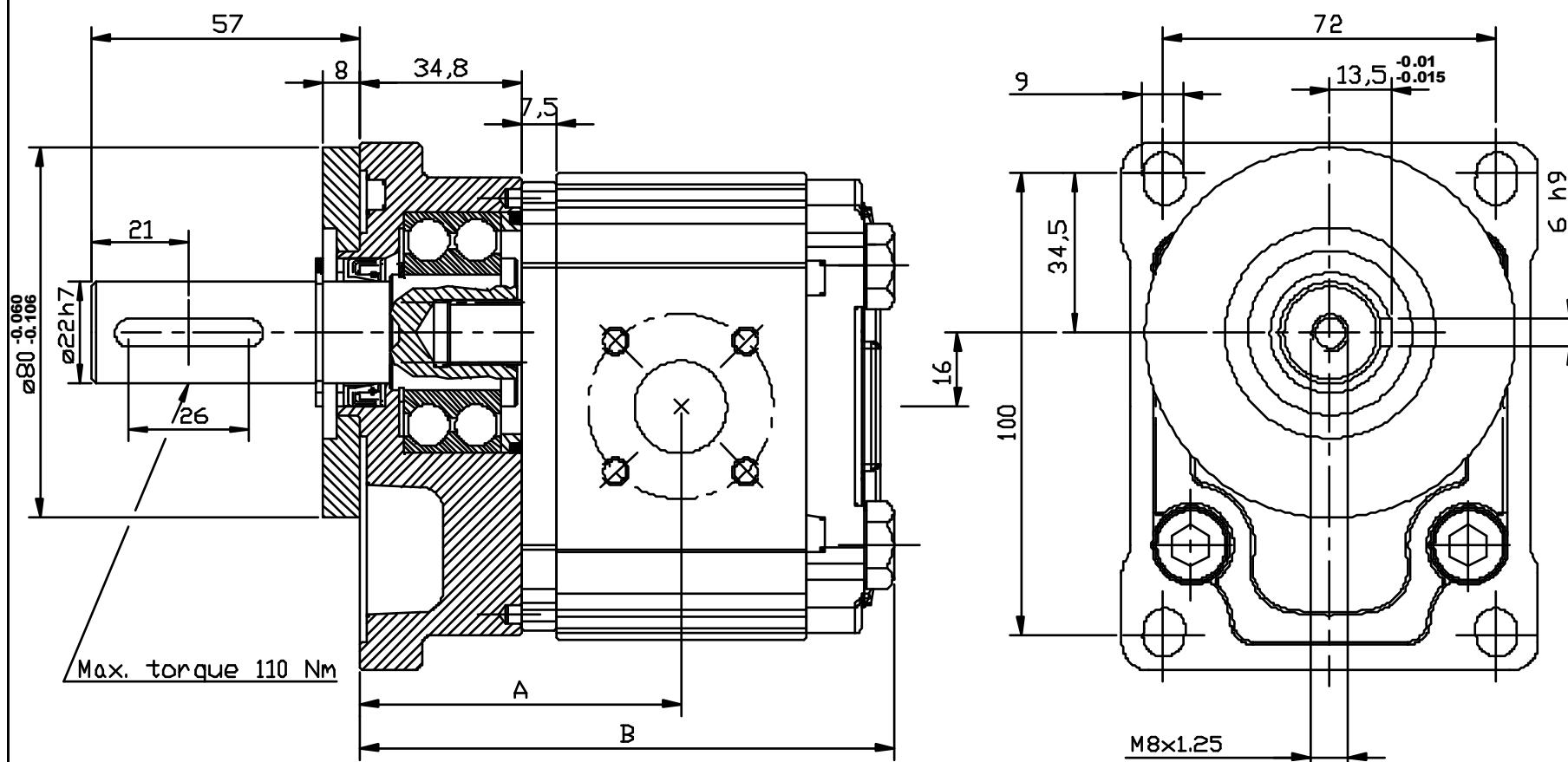
Corpo con bocche a flangia

S Sinistra

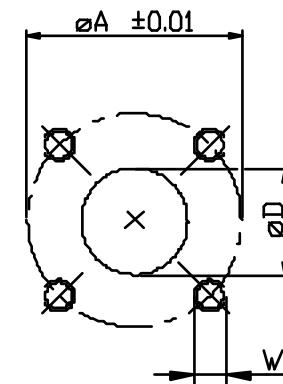
D Destra

GROUP 2 PUMPS- WITH FRONT BEARING

VERSION: B T 29 B2

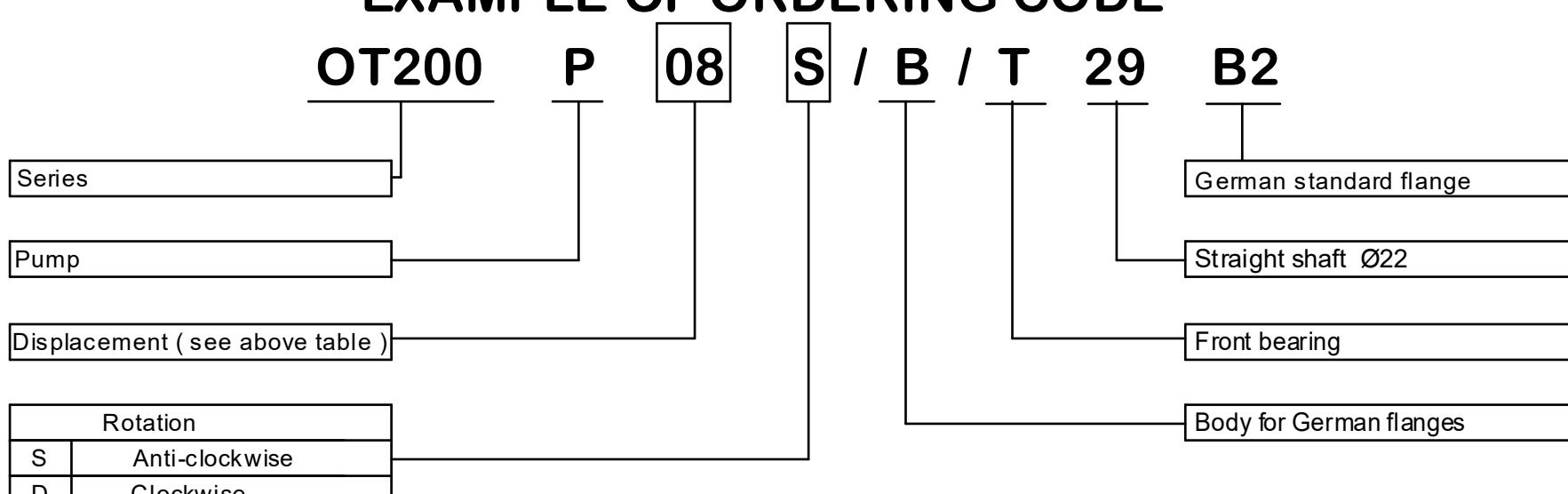


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port		Outlet port			
					B	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6



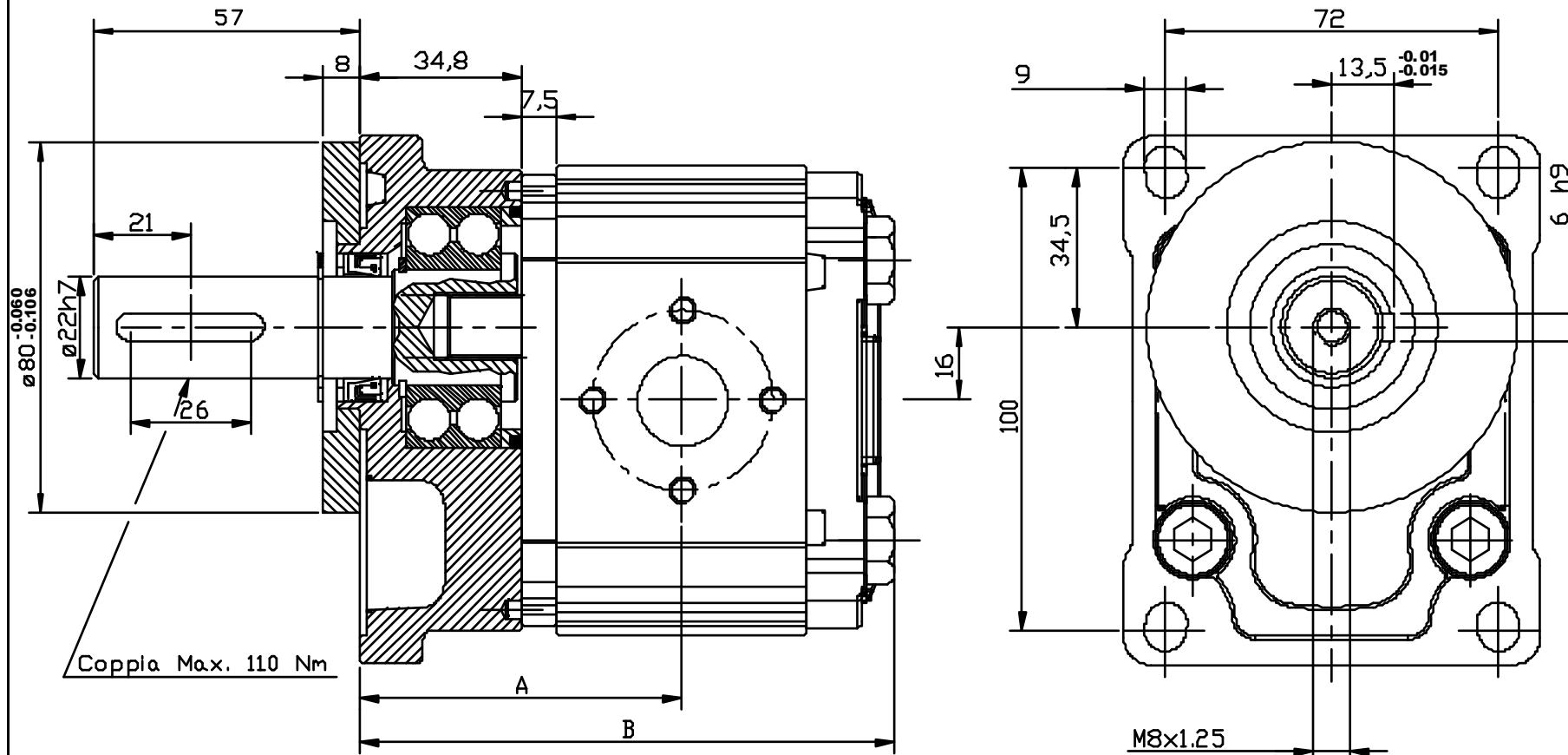
EXAMPLE OF ORDERING CODE

OT200 P 08 S / B / T 29 B2

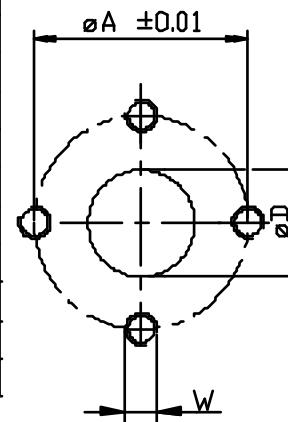


POMPE GRUPPO 2- CON SUPPORTO

VERSIONE: P T 29 B2

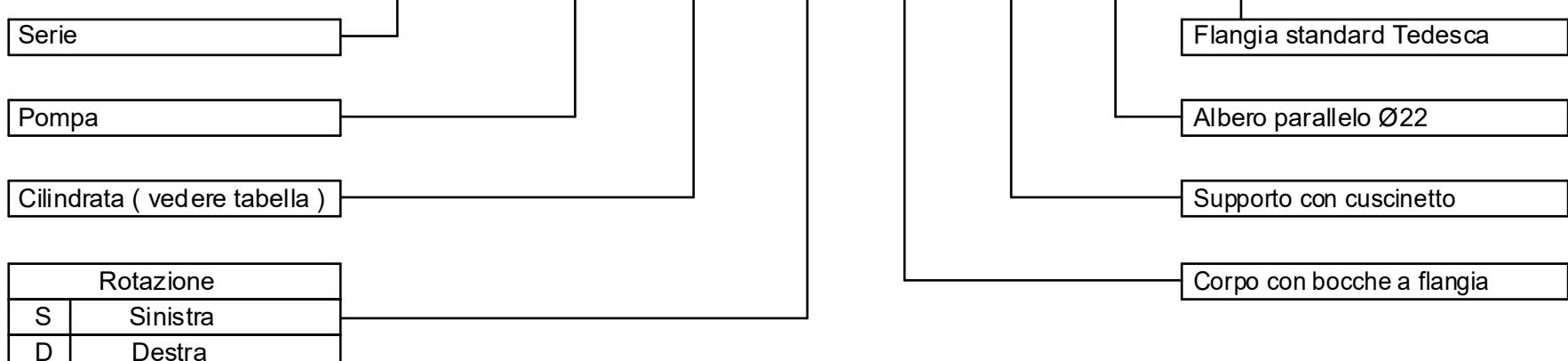


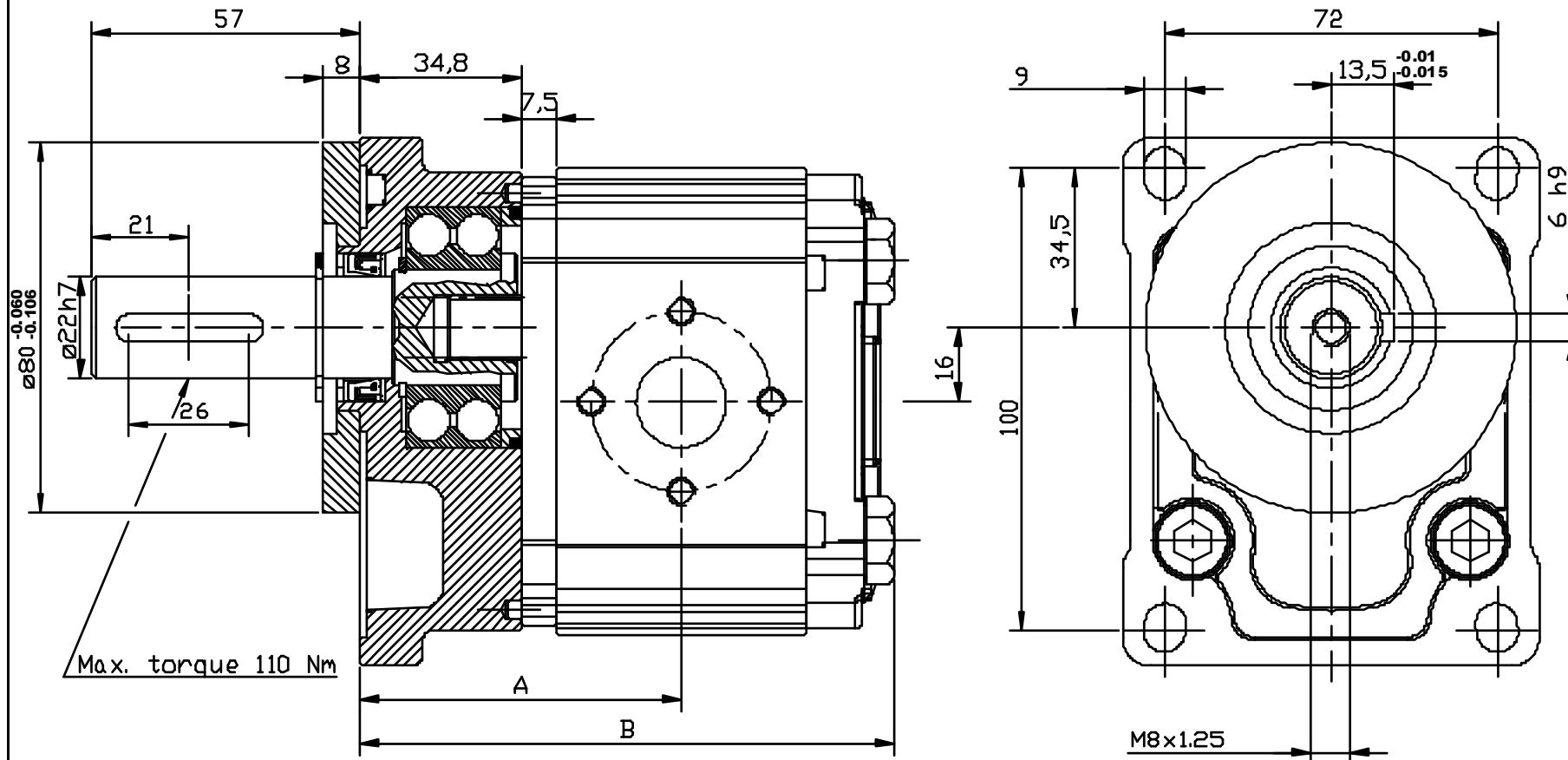
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione			Bocca di mandata		
					ØD	ØA	W	ØD	ØA	W	ØD	ØA
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6



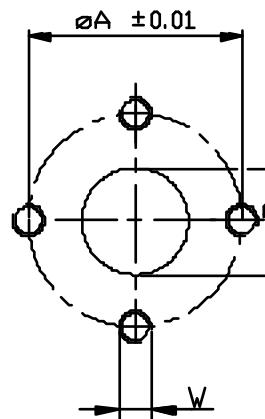
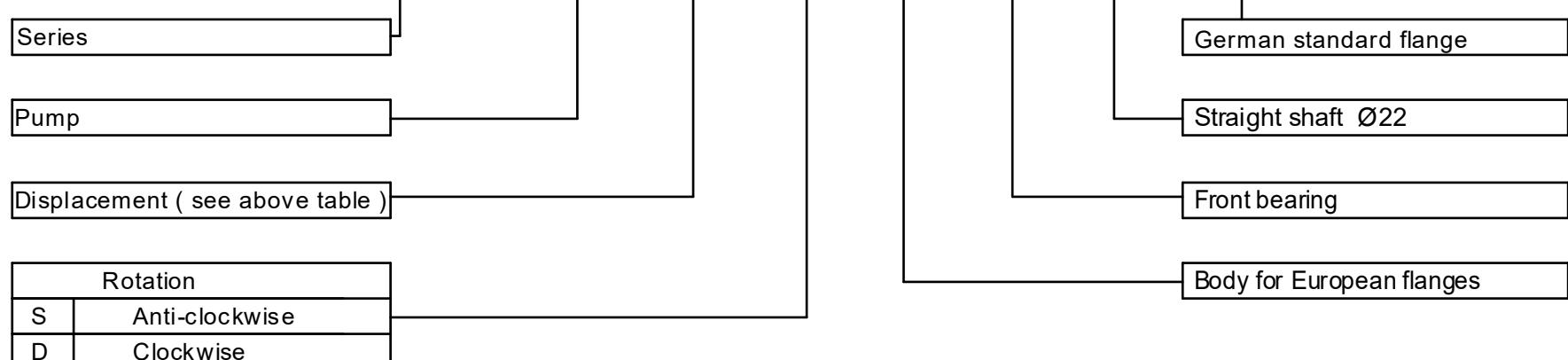
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / P / T 29 B2



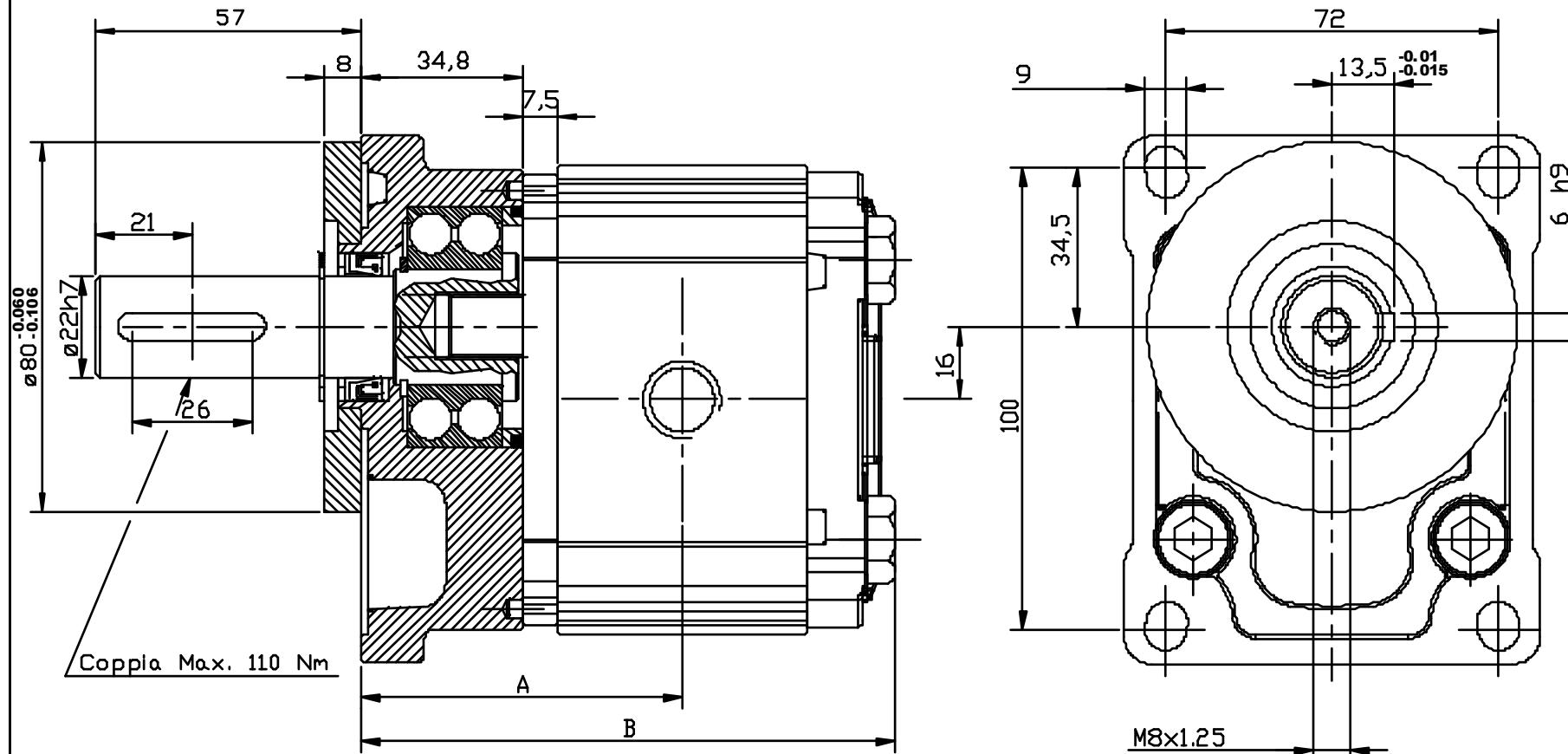
GROUP 2 PUMPS- WITH FRONT BEARING
VERSION: P T 29 B2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6

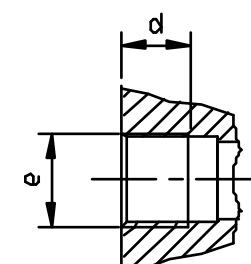

EXAMPLE OF ORDERING CODE
OT200 P 08 S / P / T 29 B2


POMPE GRUPPO 2- CON SUPPORTO

VERSIONE: G T 29 B2

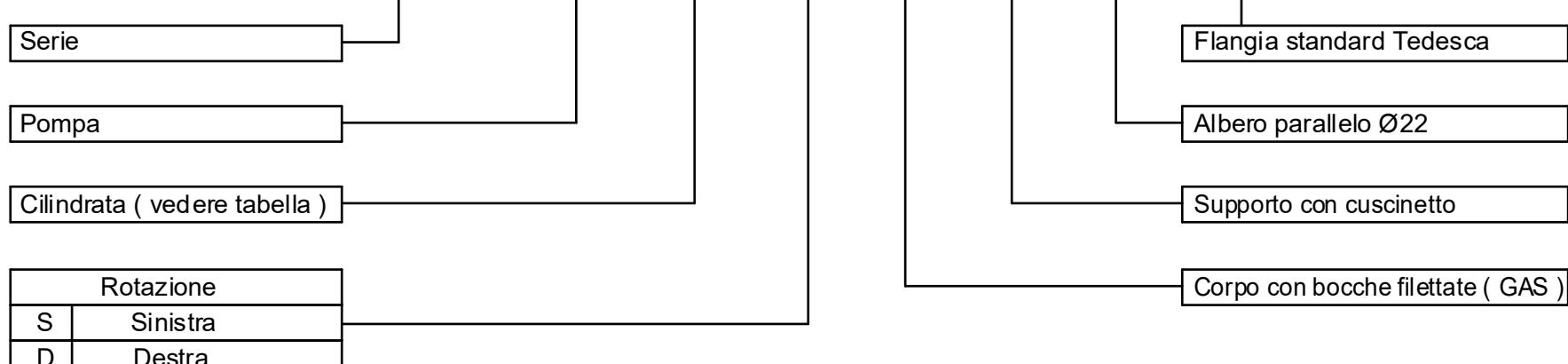


Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione		Bocca di mandata	
					A	B	e	d	e	d
OT 200 P04	04,10	250	300	4000	66.30	109.80	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	67.80	112.80	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	69.30	115.80	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	71.45	120.10	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	73.45	124.10	G3/4	16	G3/4	16
OT 200 P16	16,00	240	300	3000	74.90	127.00	G3/4	16	G3/4	16
OT 200 P20	20,00	200	240	3000	77.80	132.80	G3/4	16	G3/4	16
OT 200 P22	22,50	170	210	2500	82.65	144.50	G3/4	16	G3/4	16
OT 200 P25	25,10	170	210	2500	85.55	148.30	G3/4	16	G3/4	16
OT 200 P28	28,00	140	180	2500	87.65	152.50	G3/4	16	G3/4	16
OT 200 P30	30,00	130	170	2000	89.05	155.30	G3/4	16	G3/4	16



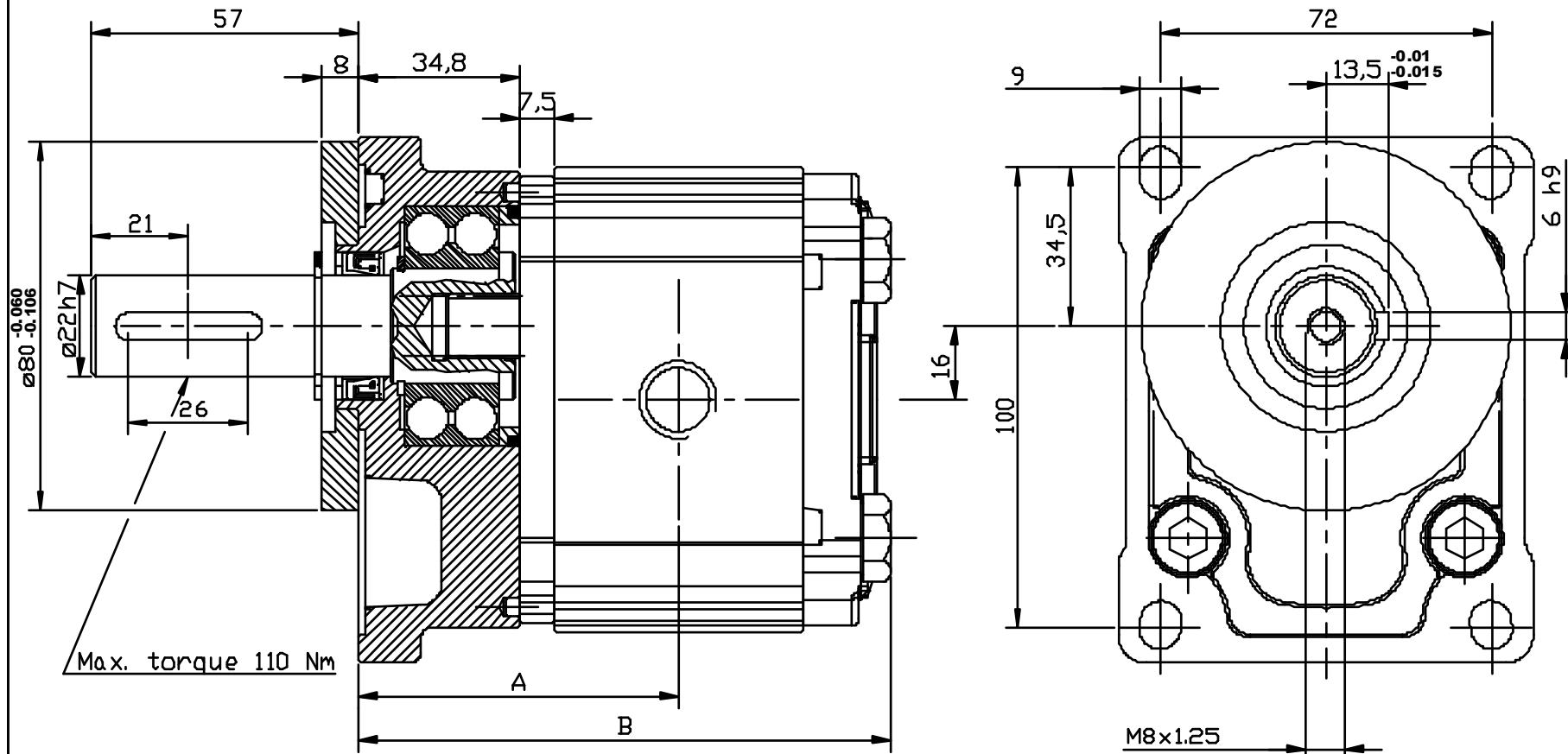
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / G / T 29 B2

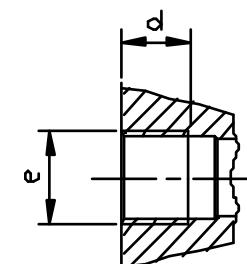


GROUP 2 PUMPS- WITH FRONT BEARING

VERSION: GT 29 B2

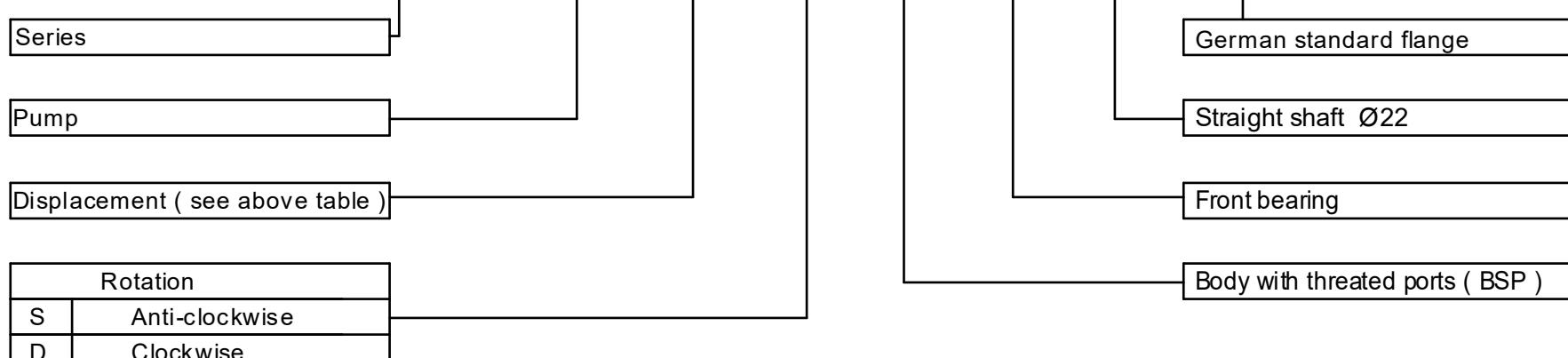


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port		Outlet port	
					A (mm)	B (mm)	e	d	e	d
OT 200 P04	04,10	250	300	4000	66.30	109.80	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	67.80	112.80	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	69.30	115.80	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	71.45	120.10	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	73.45	124.10	G3/4	16	G3/4	16
OT 200 P16	16,00	240	300	3000	74.90	127.00	G3/4	16	G3/4	16
OT 200 P20	20,00	200	240	3000	77.80	132.80	G3/4	16	G3/4	16
OT 200 P22	22,50	170	210	2500	82.65	144.50	G3/4	16	G3/4	16
OT 200 P25	25,10	170	210	2500	85.55	148.30	G3/4	16	G3/4	16
OT 200 P28	28,00	140	180	2500	87.65	152.50	G3/4	16	G3/4	16
OT 200 P30	30,00	130	170	2000	89.05	155.30	G3/4	16	G3/4	16



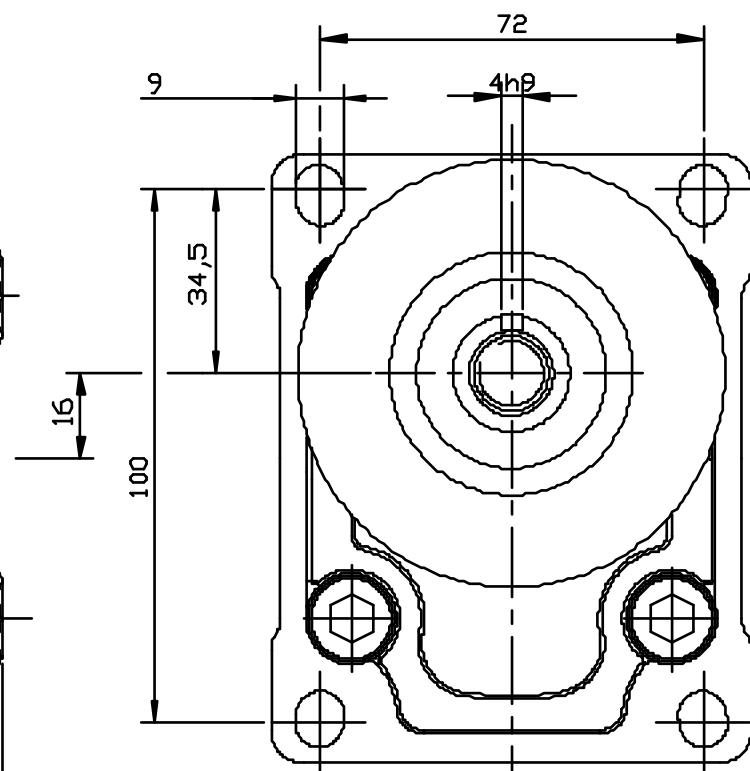
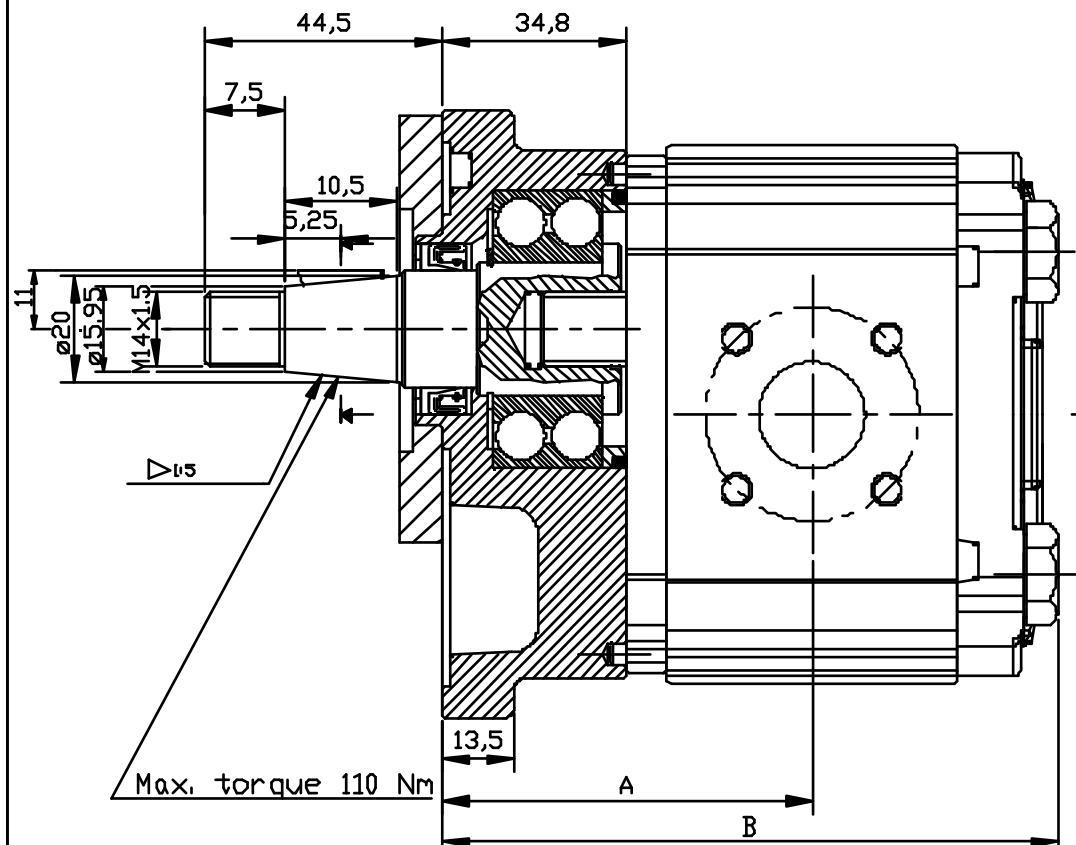
EXAMPLE OF ORDERING CODE

OT200 P 08 S / G / T 29 B2

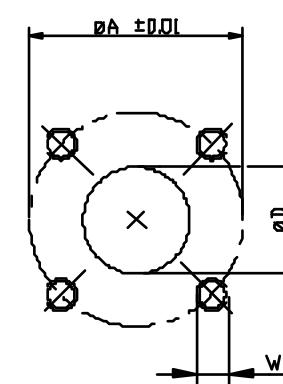


POMPE GRUPPO 2- CON SUPPORTO

VERSIONE: B T 27 B2

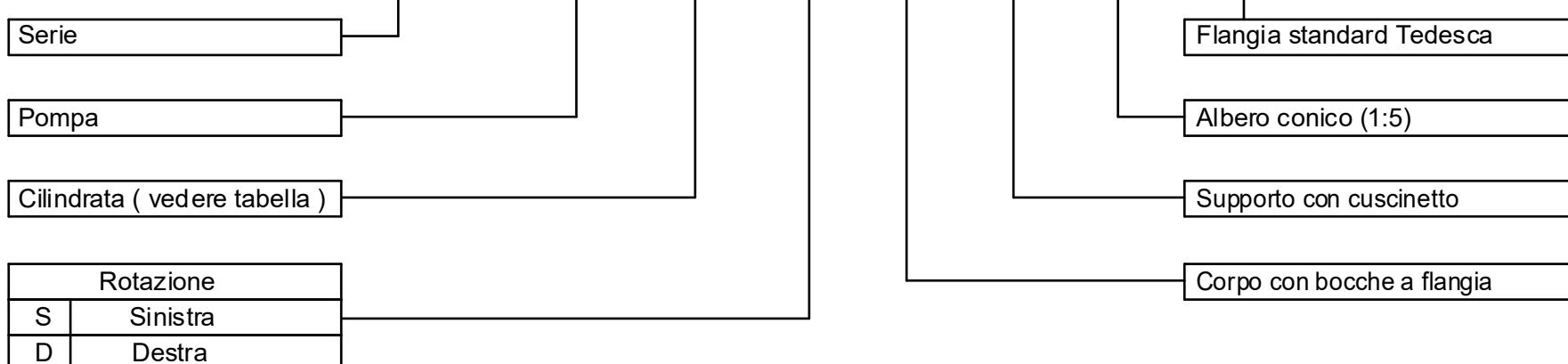


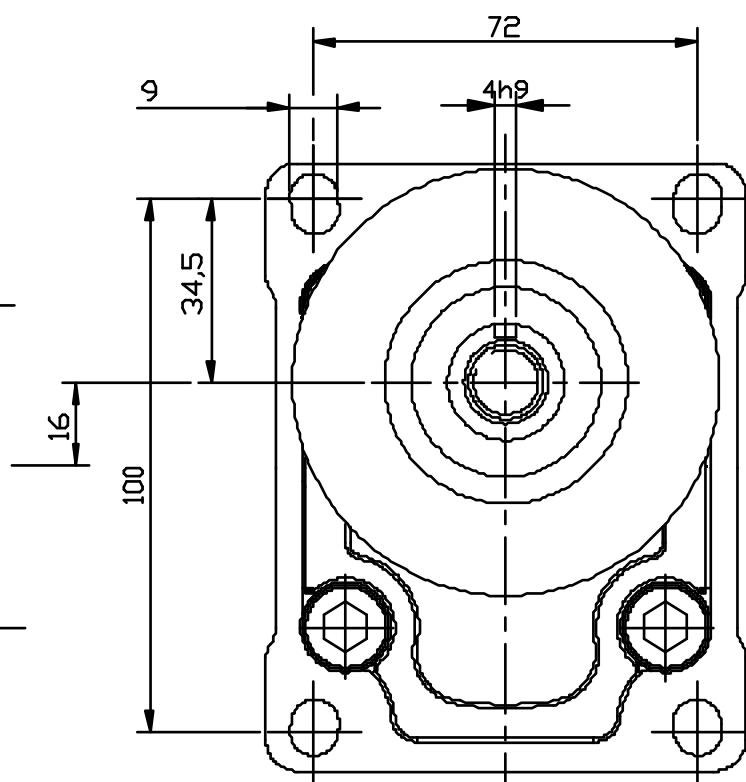
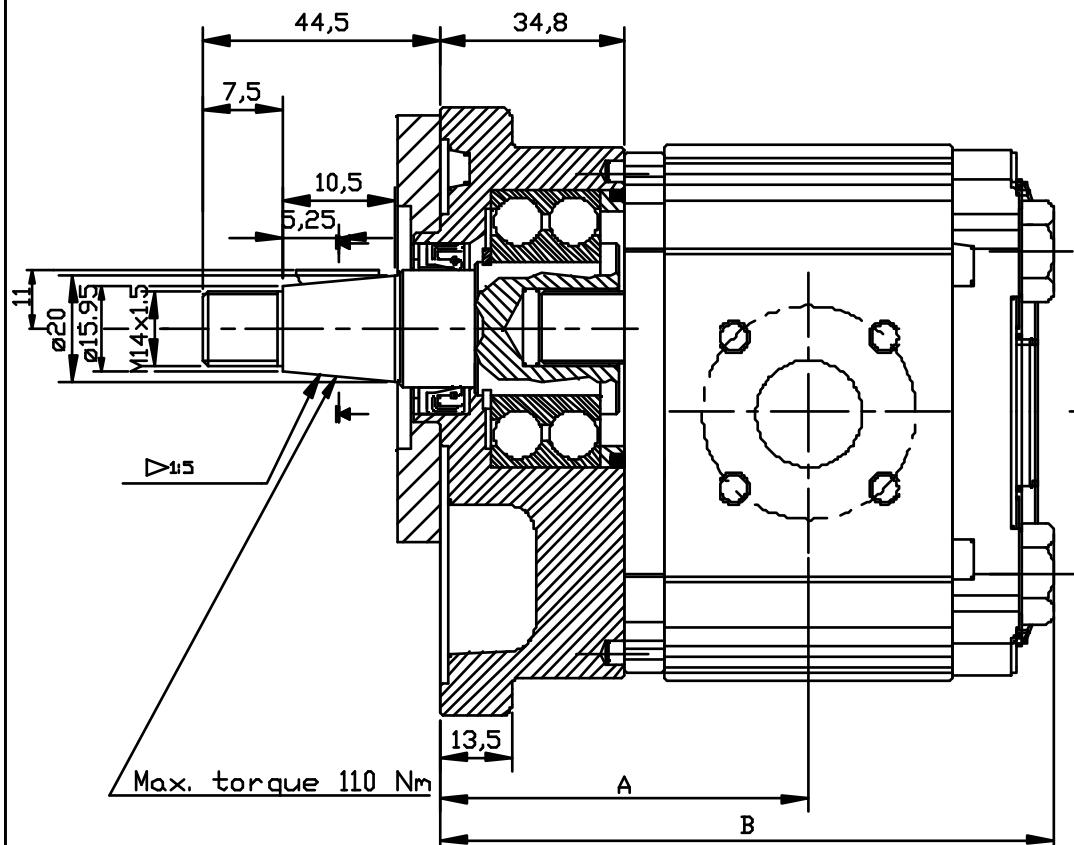
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Dimensione B		Bocca di aspirazione		Bocca di mandata	
					(mm)	ØD	ØA	W	ØD	ØA	W	ØD
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6



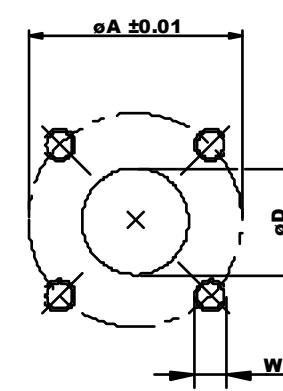
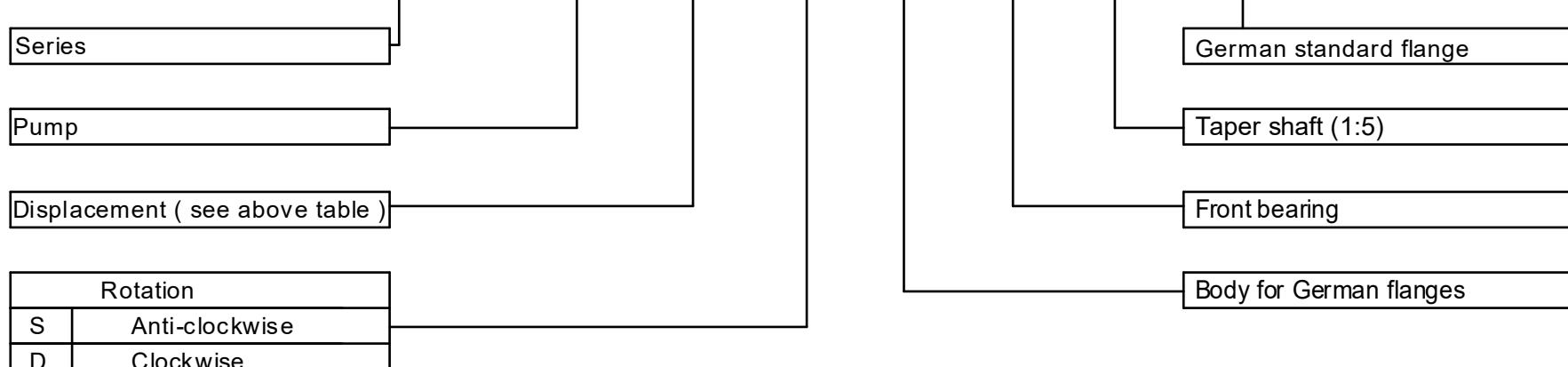
ESEMPIO DI CODICE D'ORDINAZIONE

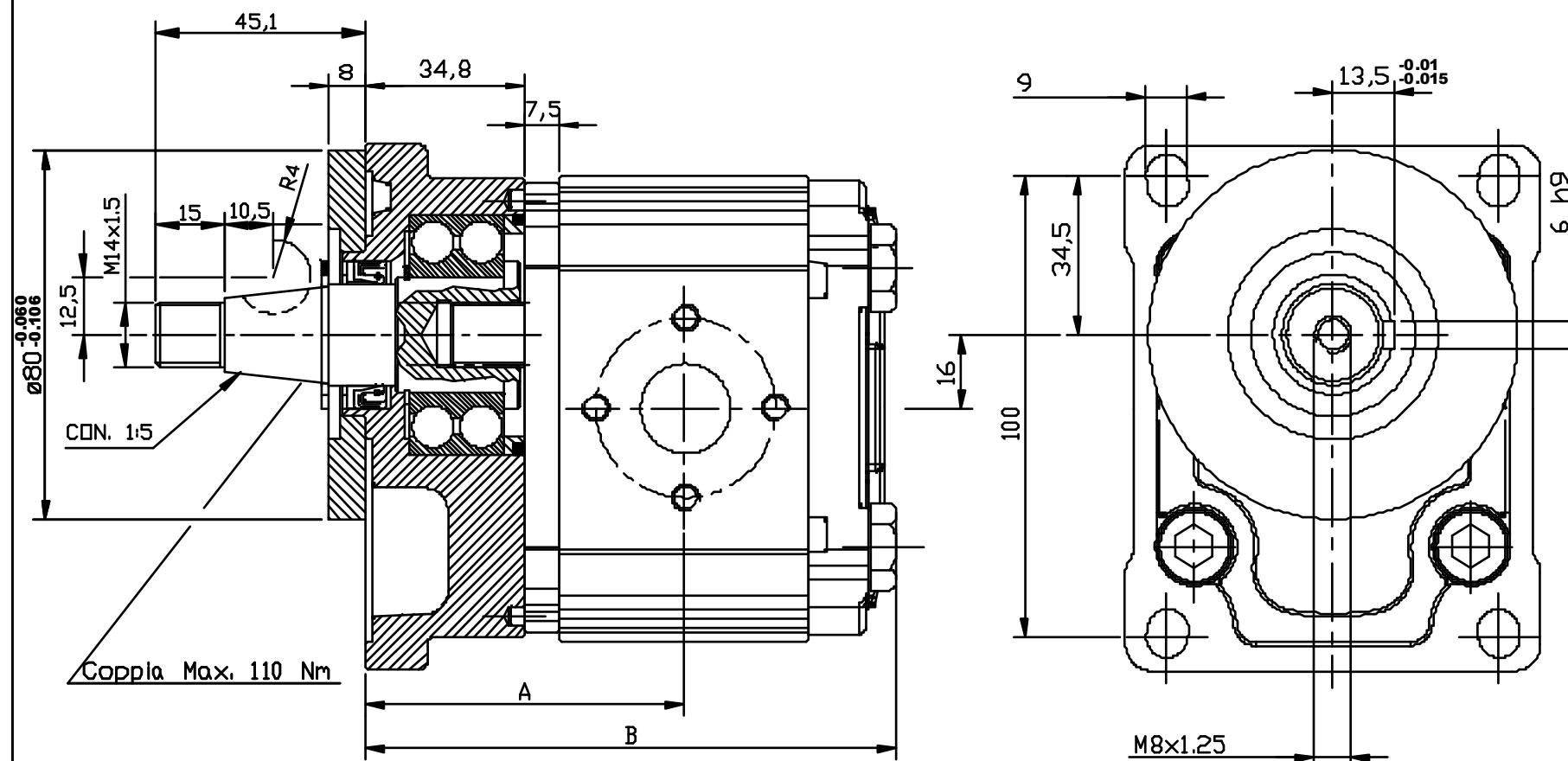
OT200 P 08 S / B / T 27 B2



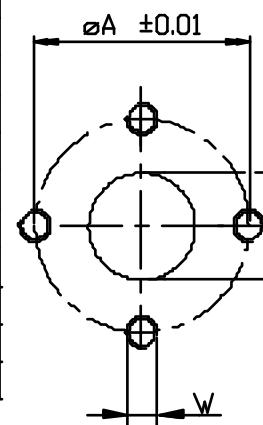
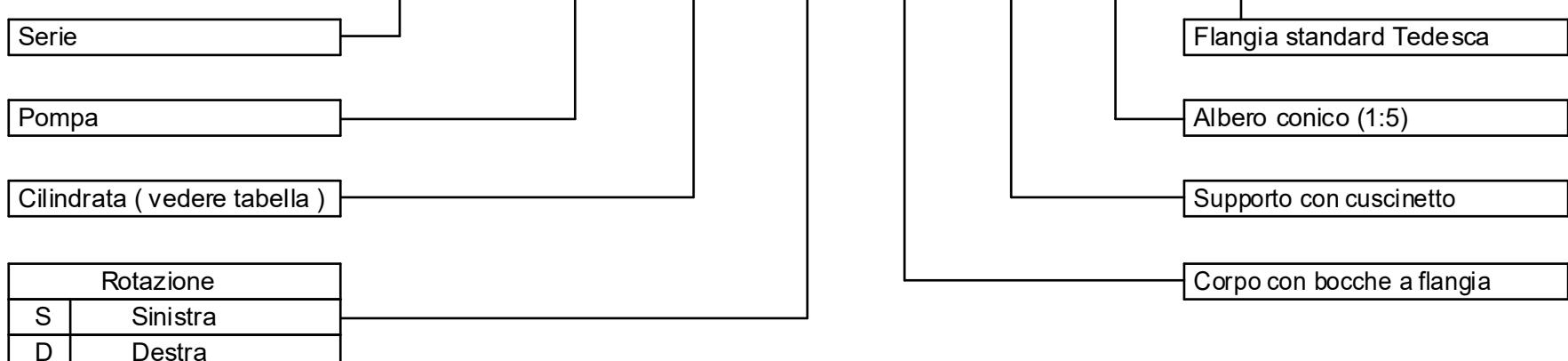
GROUP 2 PUMPS- WITH FRONT BEARING
VERSION: B T 27 B2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	ØD
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6


EXAMPLE OF ORDERING CODE
OT200 P 08 S / B / T 27 B2


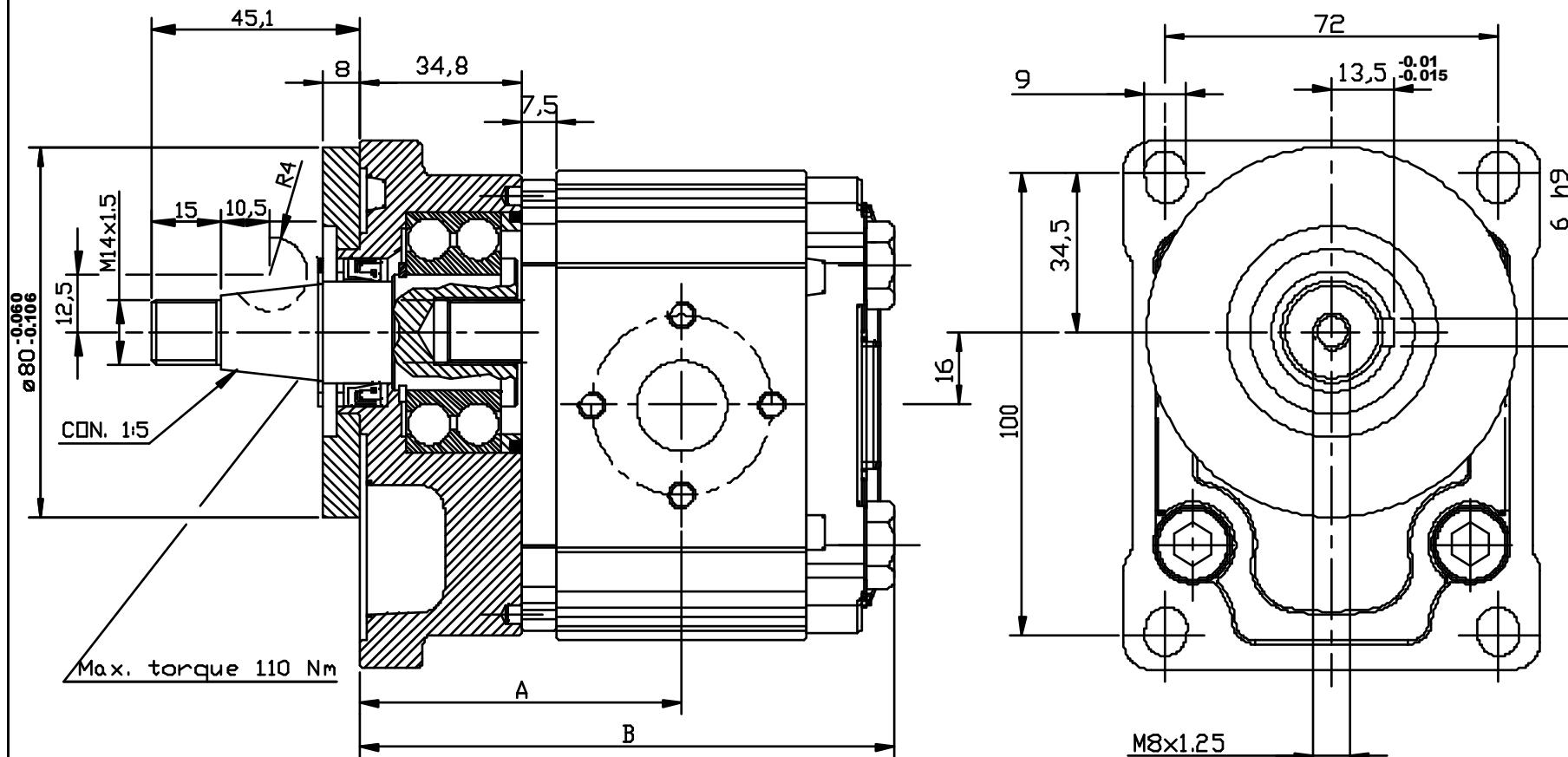
POMPE GRUPPO 2- CON SUPPORTO
VERSIONE: PT 27 B2


Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Dimensione B		Bocca di aspirazione		Bocca di mandata	
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6

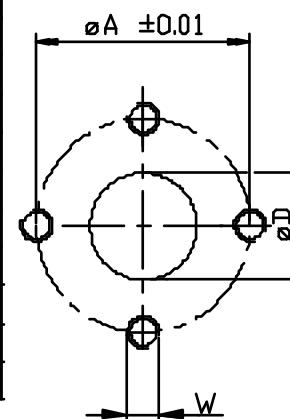

ESEMPIO DI CODICE D'ORDINAZIONE
OT200 P 08 S / P / T 27 B2


GROUP 2 PUMPS- WITH FRONT BEARING

VERSION: PT 27 B2

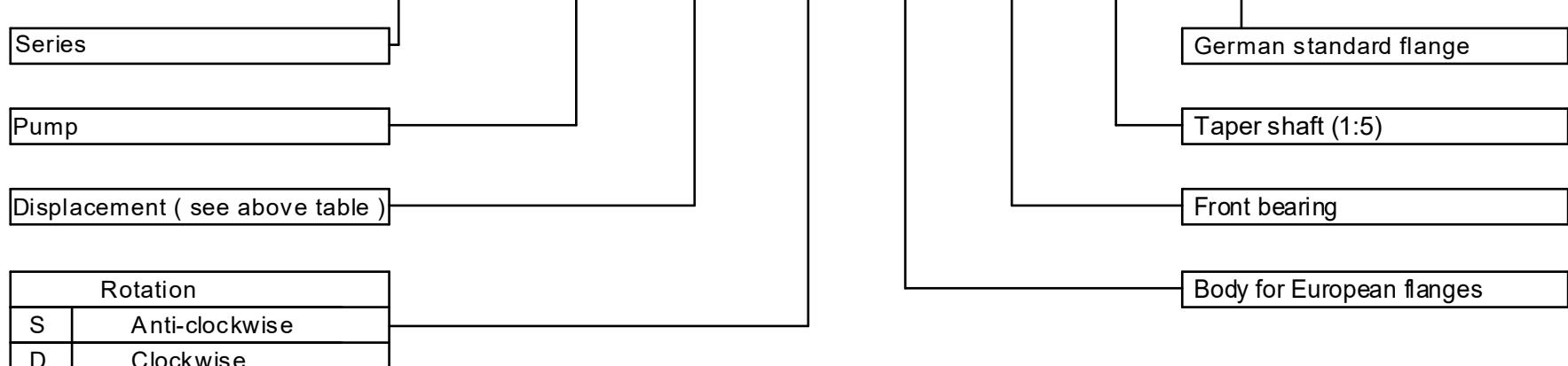


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	66.30	109.80	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	67.80	112.80	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	69.30	115.80	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	71.45	120.10	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	73.45	124.10	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	74.90	127.00	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	77.80	132.80	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.65	144.50	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	85.55	148.30	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	87.65	152.50	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	89.05	155.30	20	40	M6	15	35	M6



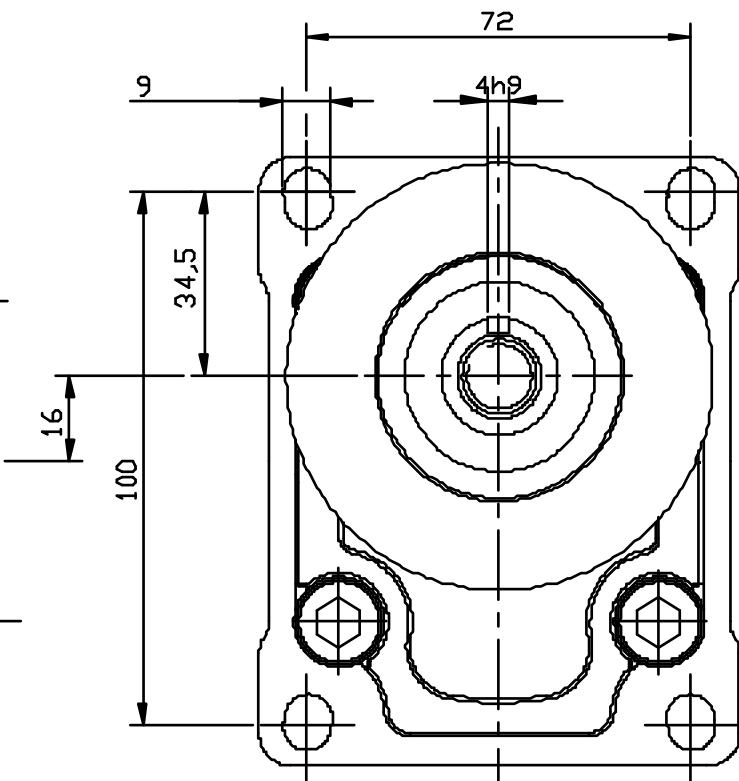
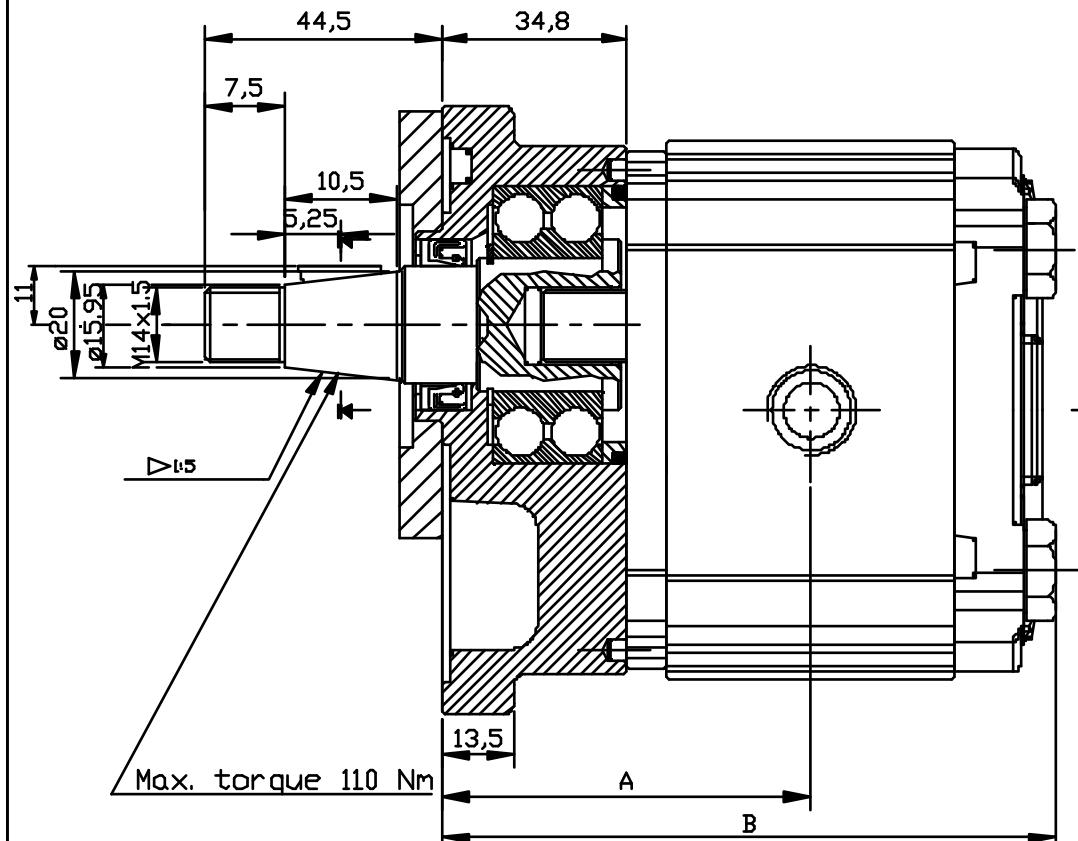
EXAMPLE OF ORDERING CODE

OT200 P 08 S / P / T 27 B2

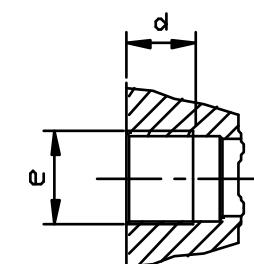


POMPE GRUPPO 2- CON SUPPORTO

VERSIONE: GT 27 B2

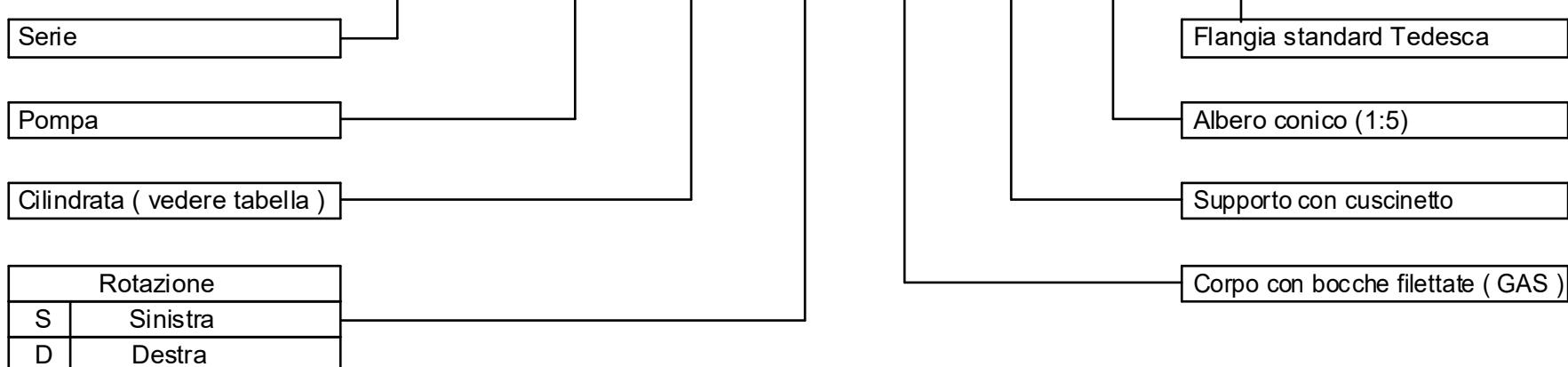


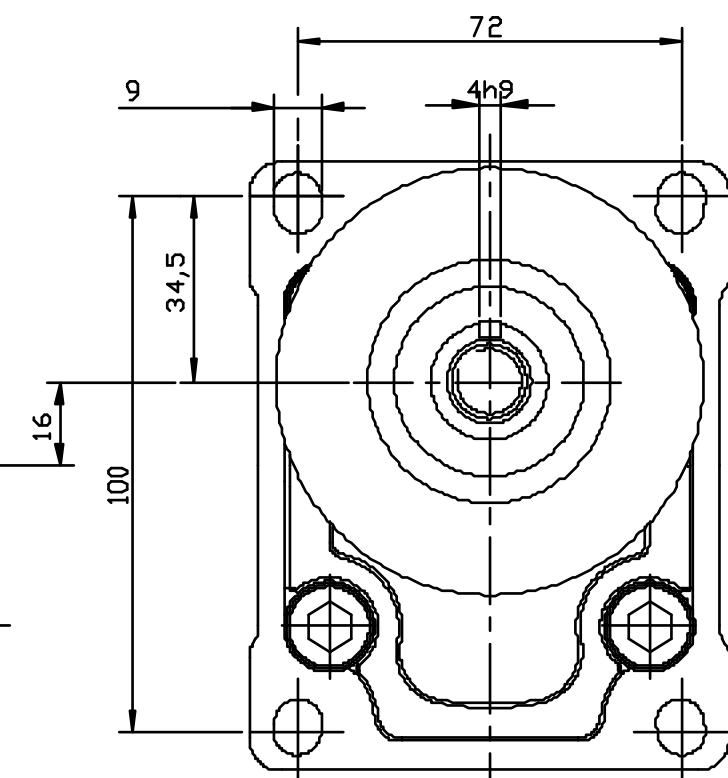
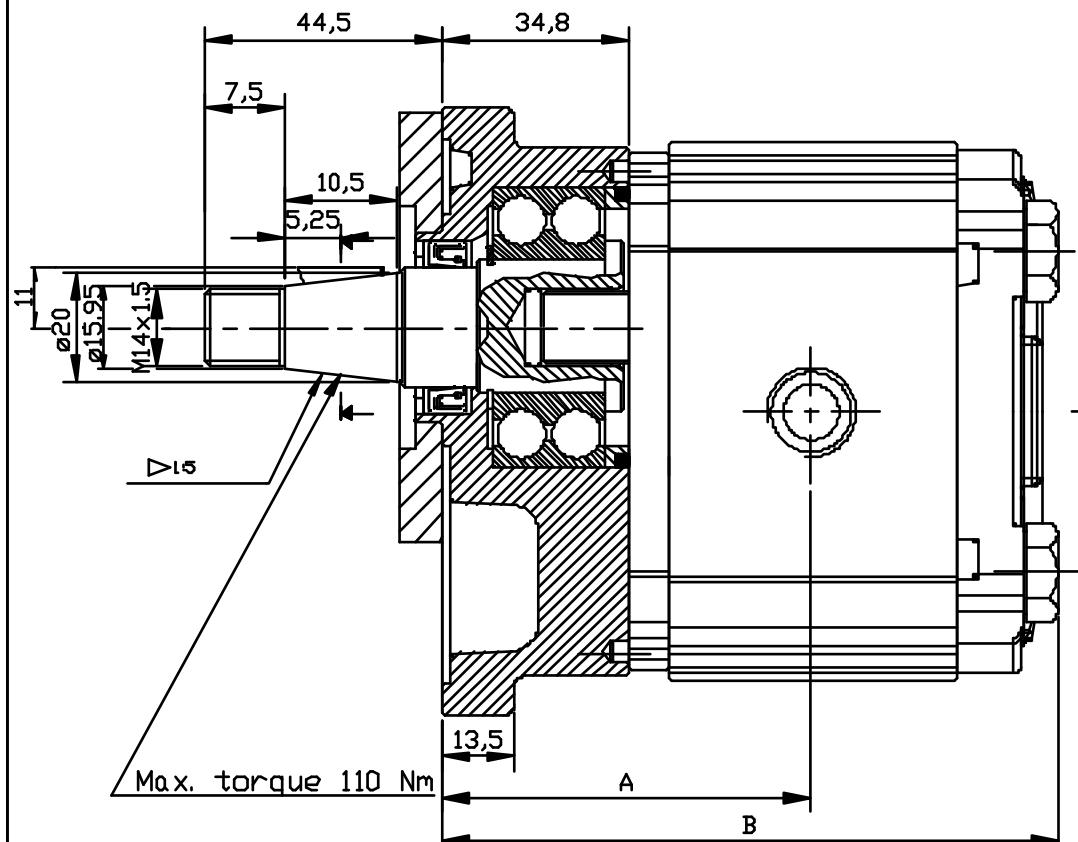
Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione		Bocca di mandata	
					A	B	e	d	e	d
OT 200 P04	04,10	250	300	4000	66.30	109.80	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	67.80	112.80	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	69.30	115.80	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	71.45	120.10	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	73.45	124.10	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	74.90	127.00	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	77.80	132.80	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	82.65	144.50	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	85.55	148.30	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	87.65	152.50	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	89.05	155.30	G3/4	16	G1/2	16



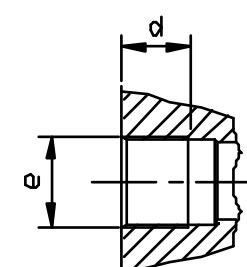
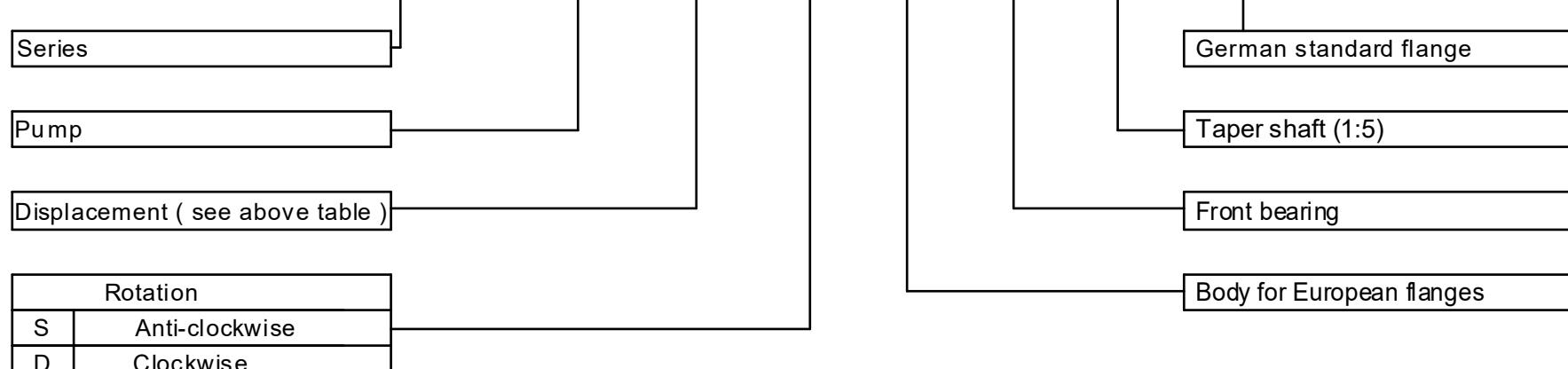
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / G / T 27 B2



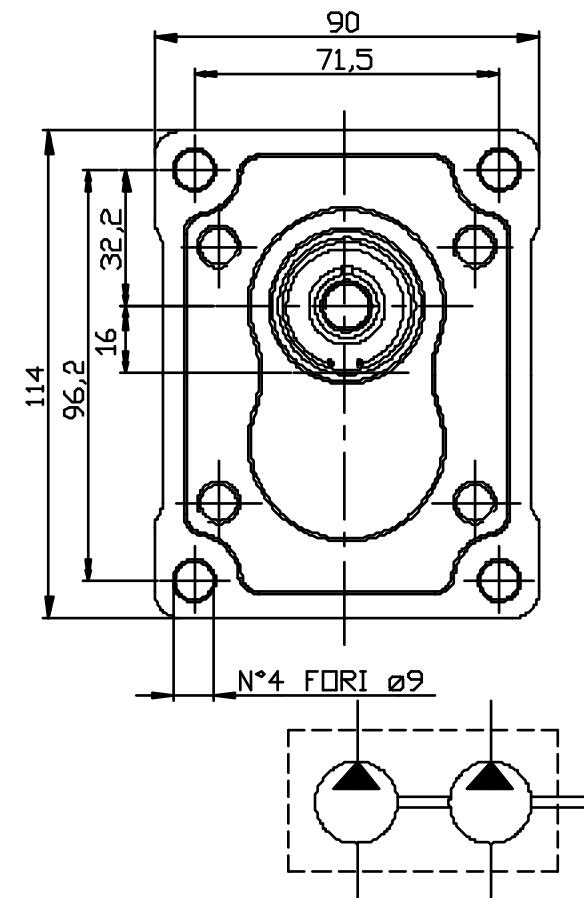
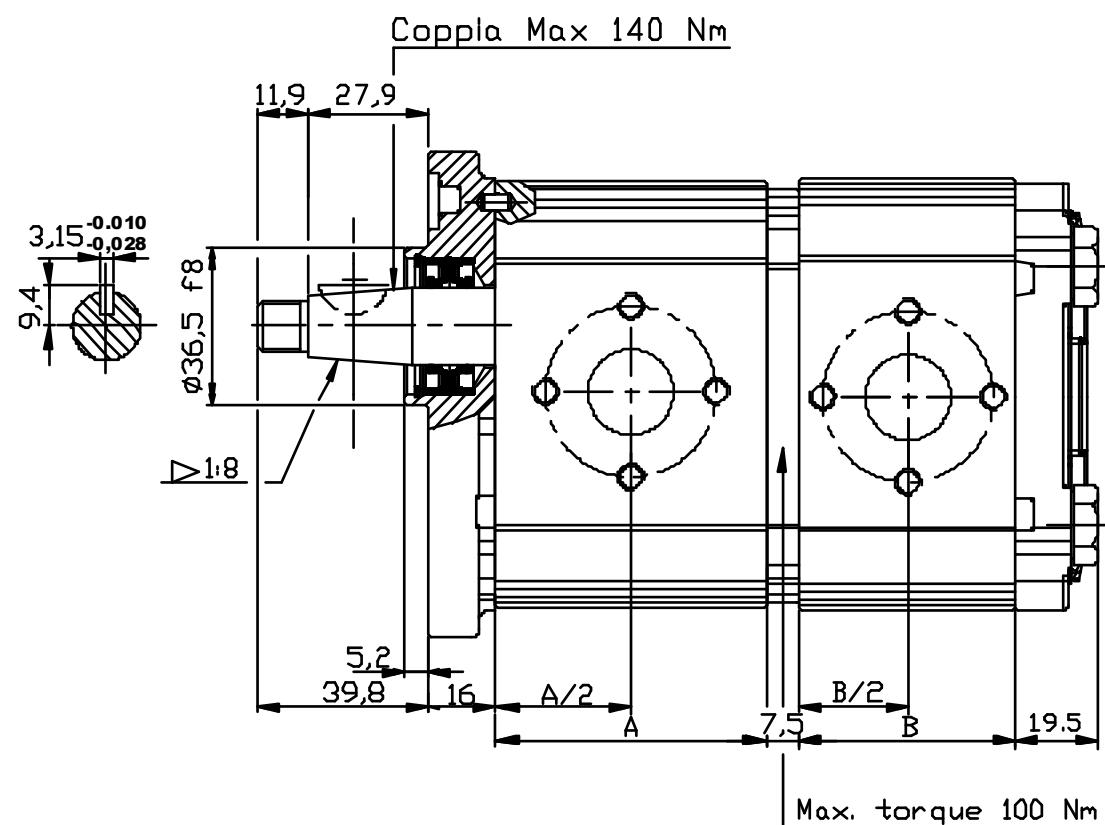
GROUP 2 PUMPS- WITH FRONT BEARING
VERSION: GT 27 B2


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port		Outlet port	
					B	(mm)	e	d	e	d
OT 200 P04	04,10	250	300	4000	66.30	109.80	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	67.80	112.80	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	69.30	115.80	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	71.45	120.10	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	73.45	124.10	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	74.90	127.00	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	77.80	132.80	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	82.65	144.50	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	85.55	148.30	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	87.65	152.50	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	89.05	155.30	G3/4	16	G1/2	14


EXAMPLE OF ORDERING CODE
OT200 P 08 S / G / T 27 B2


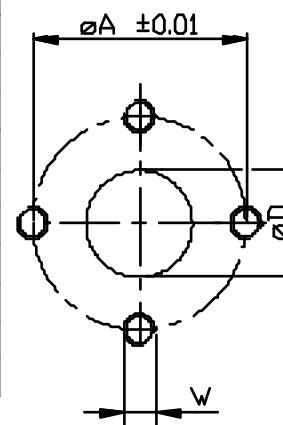
POMPE GRUPPO 2- TANDEM

VERSIONE: P28 P2



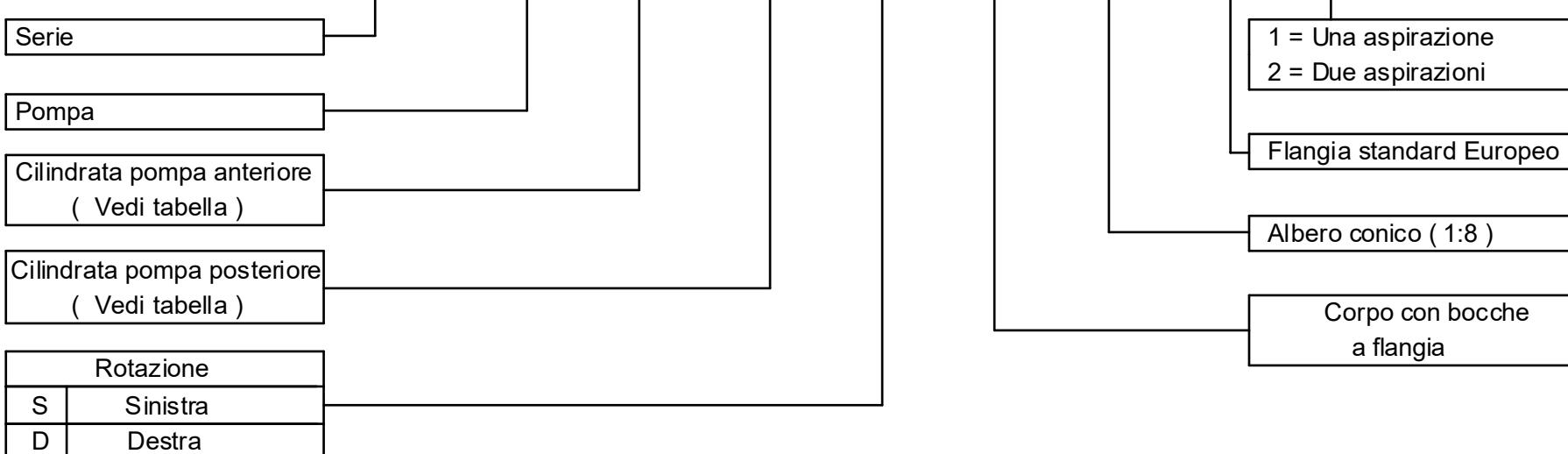
NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Dimensione B		Bocca di aspirazione		Bocca di mandata	
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	48.00	48.00	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	51.00	51.00	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	54.00	54.00	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	58.30	58.30	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	62.30	62.30	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	65.20	65.20	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	71.00	71.00	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	82.70	82.70	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	86.50	86.50	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	90.70	90.70	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	93.50	93.50	20	40	M8	13	30	M6



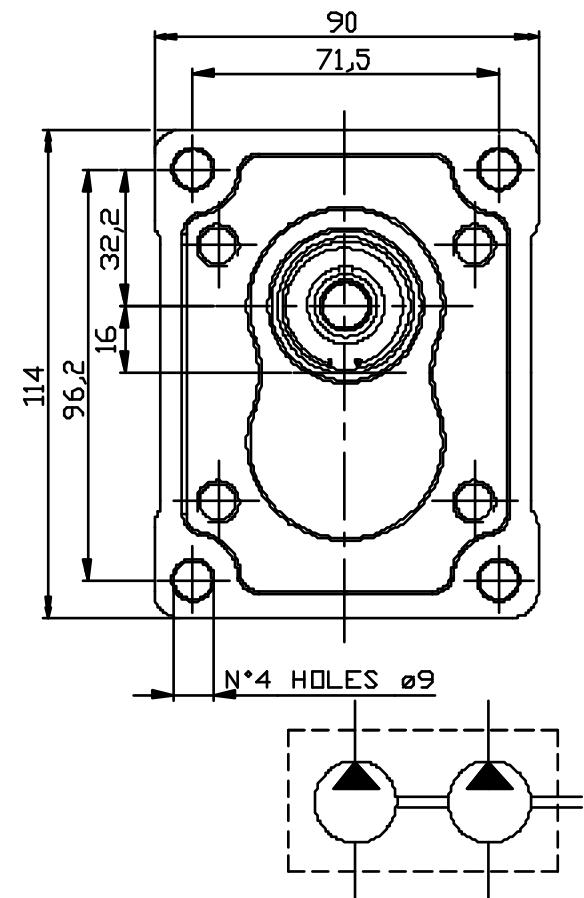
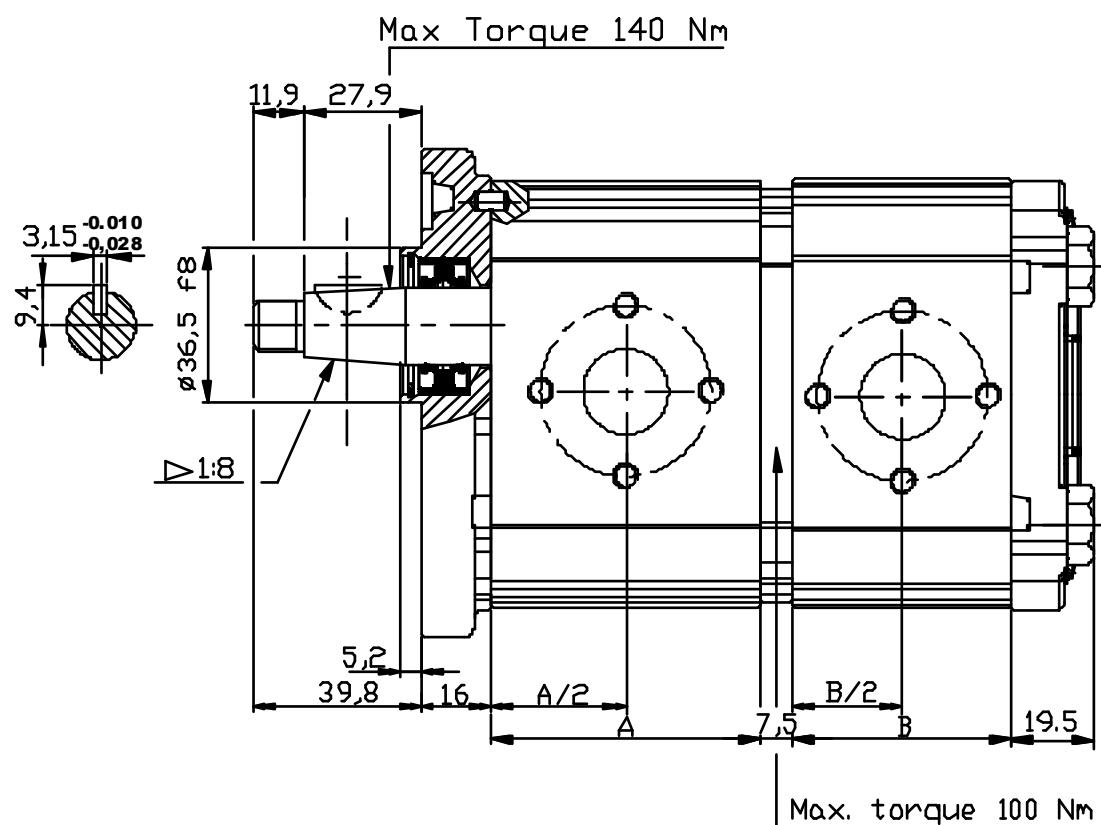
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / P 28 P2 / 2



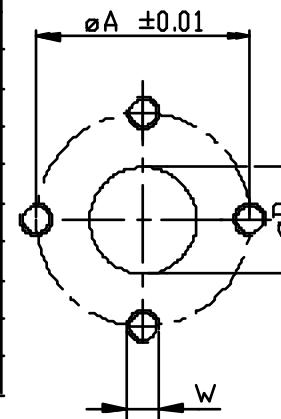
GROUP 2 PUMPS- TANDEM

VERSION: P28 P2



NOTE: The biggest displacement pump must be in the front position

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port		Outlet port			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	48.00	48.00	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	51.00	51.00	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	54.00	54.00	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	58.30	58.30	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	62.30	62.30	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	65.20	65.20	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	71.00	71.00	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	82.70	82.70	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	86.50	86.50	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	90.70	90.70	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	93.50	93.50	20	40	M8	13	30	M6



EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / P 28 P2 / 2

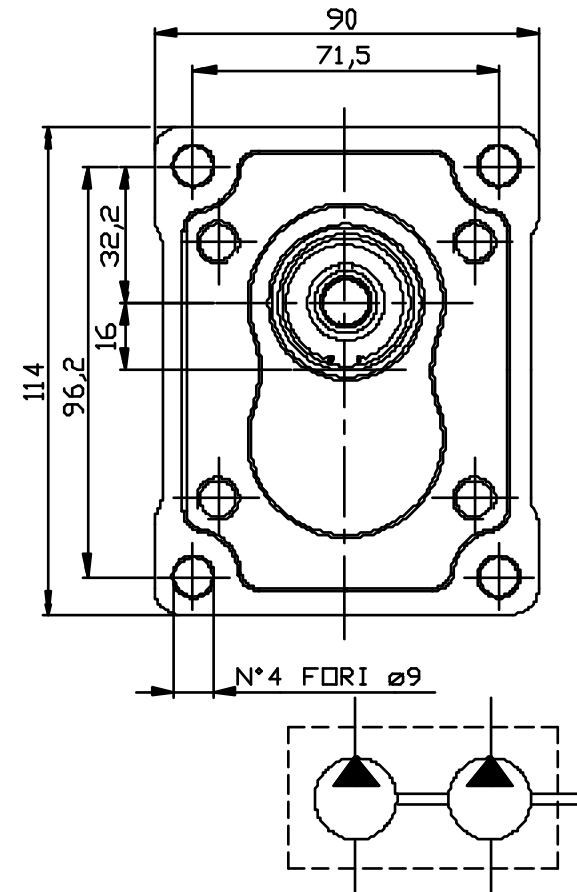
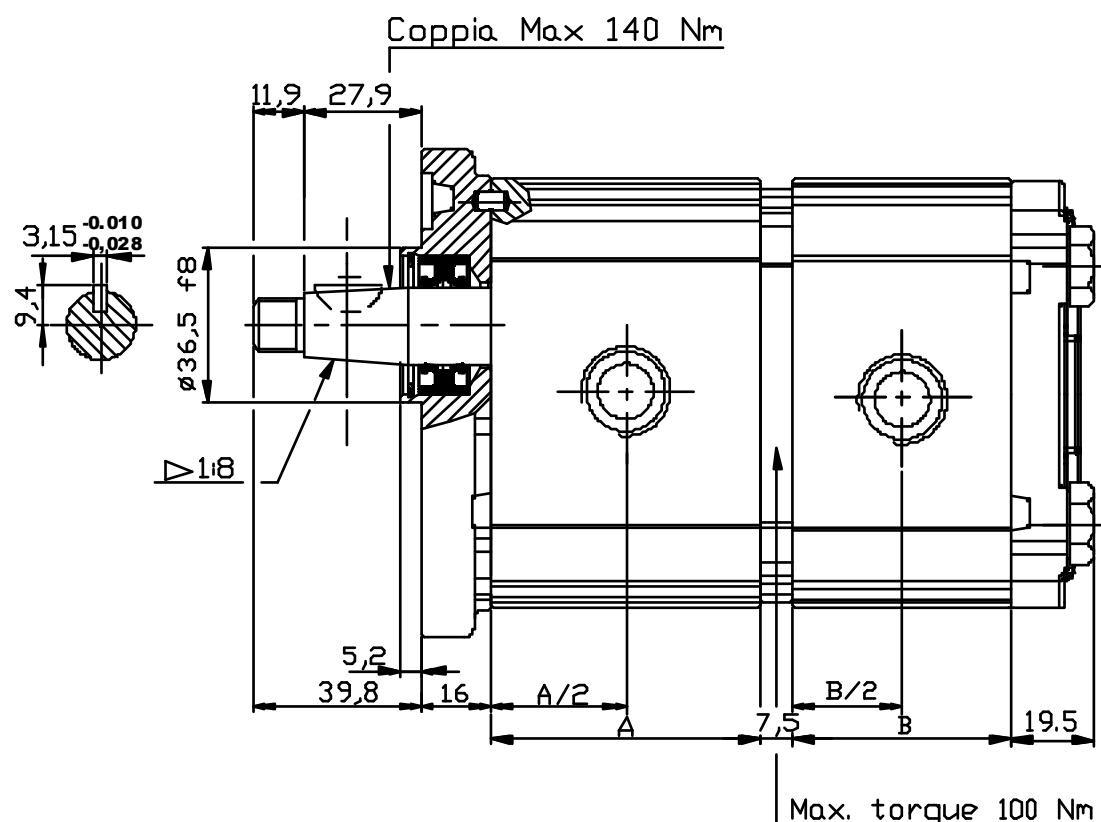
- Series
- Pump
- Front pump displacement
(see above table)
- Second pump displacement
(see above table)
- Rotation

S	Anti-clockwise
D	Clockwise

- 1 = One inlet port
2 = Two inlet ports
- European standard flange
- Taper shaft (1:8)
- Body for European flanges

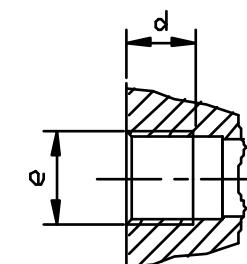
POMPE GRUPPO 2- TANDEM

VERSIONE: G28 P2



NOTE: Preferibilmente la pompa posteriore
dovrebbe essere di cilindrata inferiore

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata	
					(mm)	e	d	e	d	
OT 200 P04	04,10	250	300	4000	48.00	48.00	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	51.00	51.00	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	54.00	54.00	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	58.30	58.30	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	62.30	62.30	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	65.20	65.20	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	71.00	71.00	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	82.70	82.70	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	86.50	86.50	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	90.70	90.70	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	93.50	93.50	G3/4	16	G1/2	16



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / G 28 P2 / 2

Serie

Pompa

Cilindrata pompa anteriore
(Vedi tabella)

Cilindrata pompa posteriore
(Vedi tabella)

Rotazione

S Sinistra

D Destra

1 = Una aspirazione
2 = Due aspirazioni

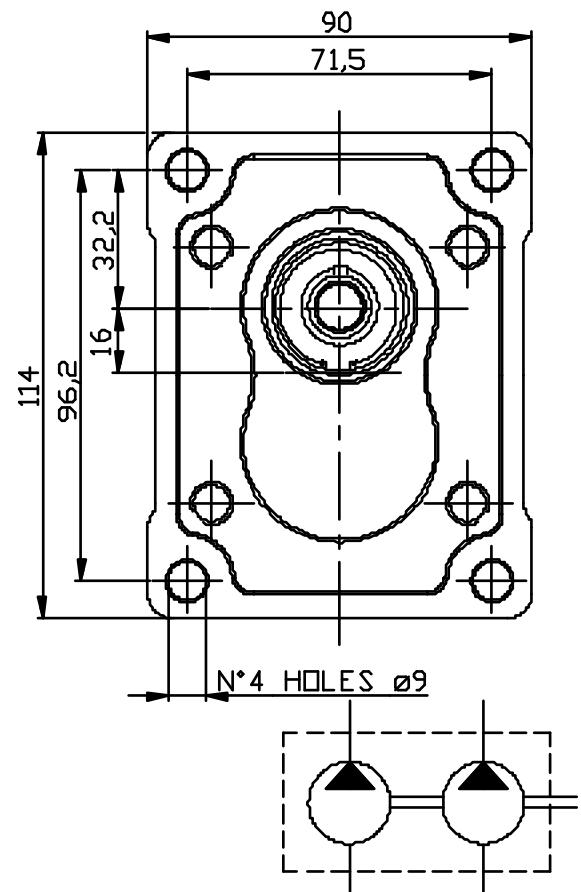
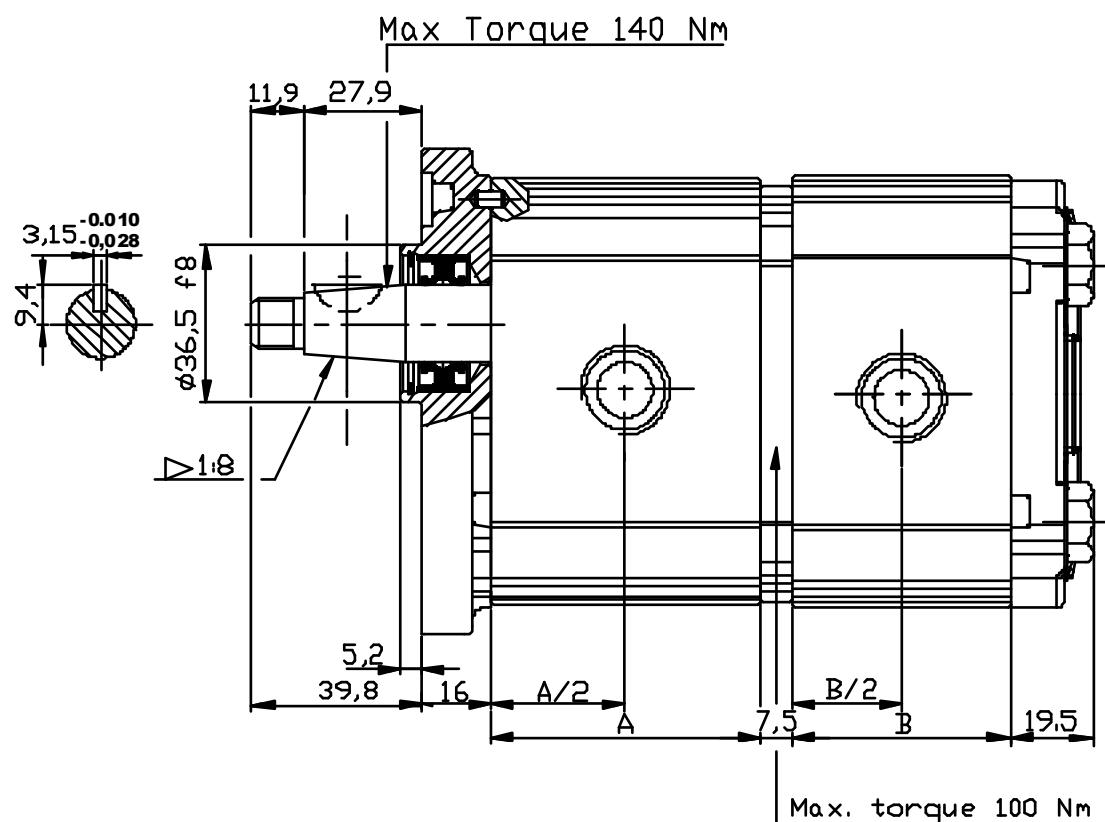
Flangia standard Europeo

Albero conico (1:8)

Corpo con bocche
filettate (GAS)

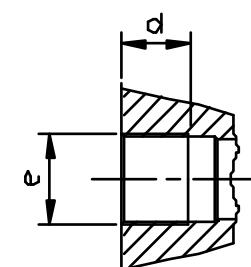
GROUP 2 PUMPS- TANDEM

VERSION: G28 P2



NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port	Outlet port
					A (mm)	B (mm)		
OT 200 P04	04,10	250	300	4000	48.00	48.00	G1/2	14
OT 200 P06	06,20	250	300	3500	51.00	51.00	G1/2	14
OT 200 P08	08,20	250	300	3500	54.00	54.00	G1/2	14
OT 200 P11	11,20	250	300	3500	58.30	58.30	G1/2	14
OT 200 P14	14,00	240	300	3000	62.30	62.30	G3/4	16
OT 200 P16	16,00	240	300	3000	65.20	65.20	G3/4	16
OT 200 P20	20,00	200	240	3000	71.00	71.00	G3/4	16
OT 200 P22	22,50	170	210	2500	82.70	82.70	G3/4	16
OT 200 P25	25,10	170	210	2500	86.50	86.50	G3/4	16
OT 200 P28	28,00	140	180	2500	90.70	90.70	G3/4	16
OT 200 P30	30,00	130	170	2000	93.50	93.50	G3/4	16



EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / G 28 P2 / 2

- Series
- Pump
- Front pump displacement (see above table)
- Second pump displacement (see above table)
- Rotation

S	Anti-clockwise
D	Clockwise

- 1 = One inlet port
- 2 = Two inlet ports

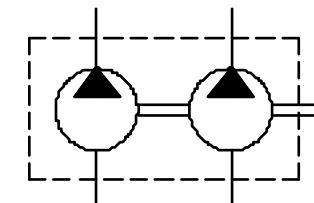
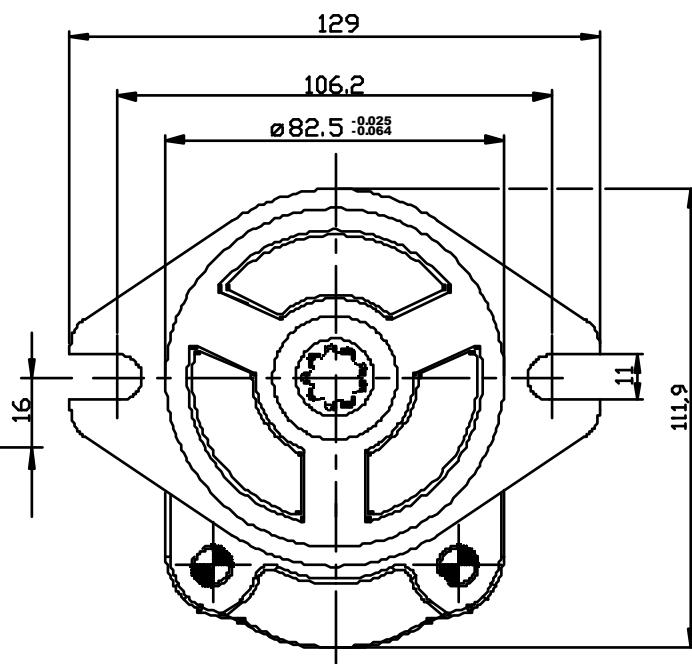
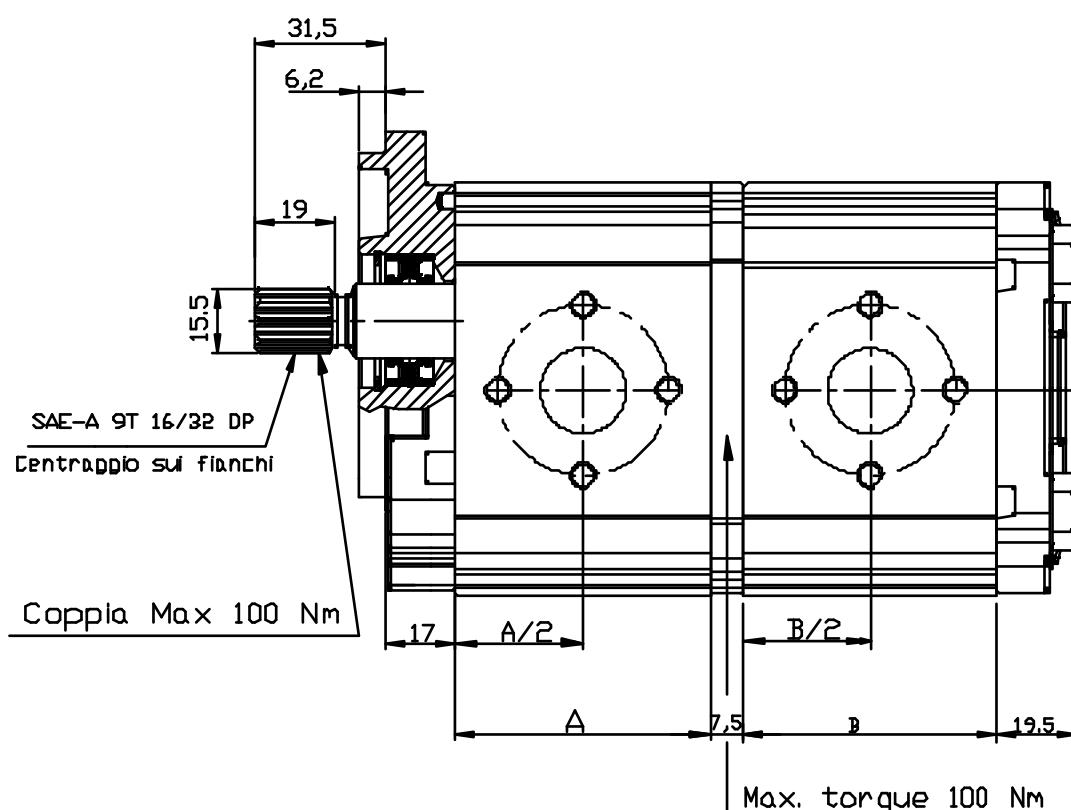
- European standard flange

- Taper shaft (1:8)

- Body with threaded ports (BSP)

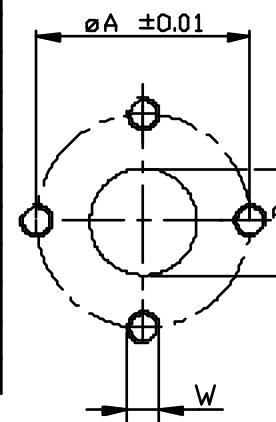
POMPE GRUPPO 2- SAE "A" TANDEM

VERSIONE: P21 S2



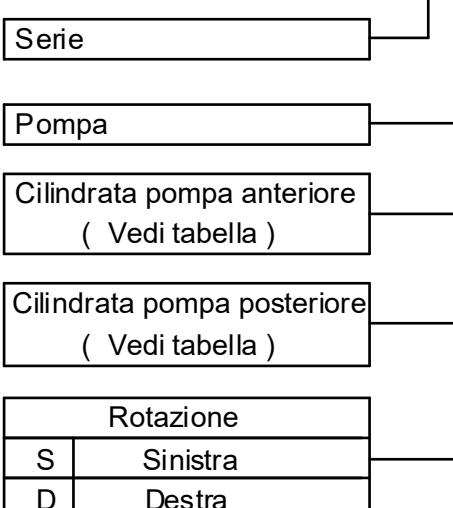
NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	48.00	48.00	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	51.00	51.00	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	54.00	54.00	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	58.30	58.30	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	62.30	62.30	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	65.20	65.20	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	71.00	71.00	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	82.70	82.70	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	86.50	86.50	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	90.70	90.70	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	93.50	93.50	20	40	M8	13	30	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / P 21 S2 / 2



1 = Una aspirazione
2 = Due aspirazioni

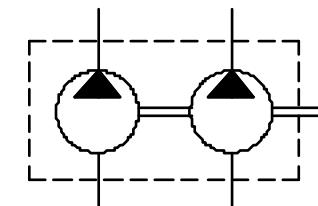
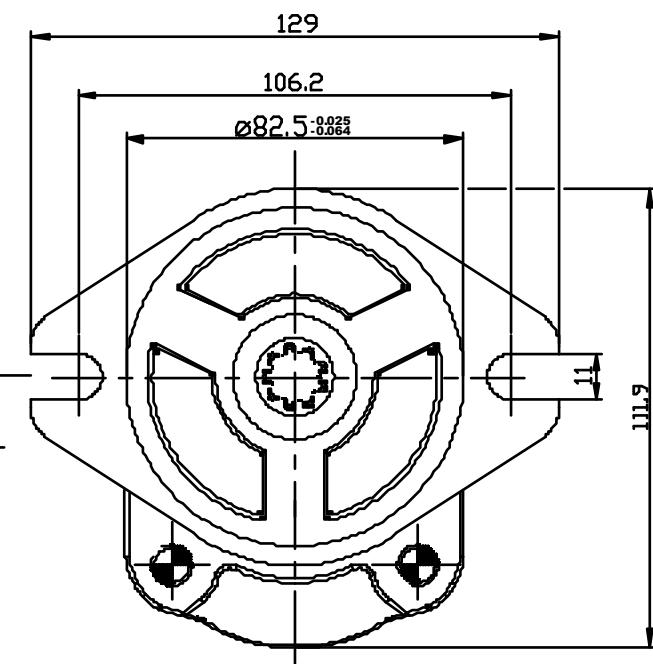
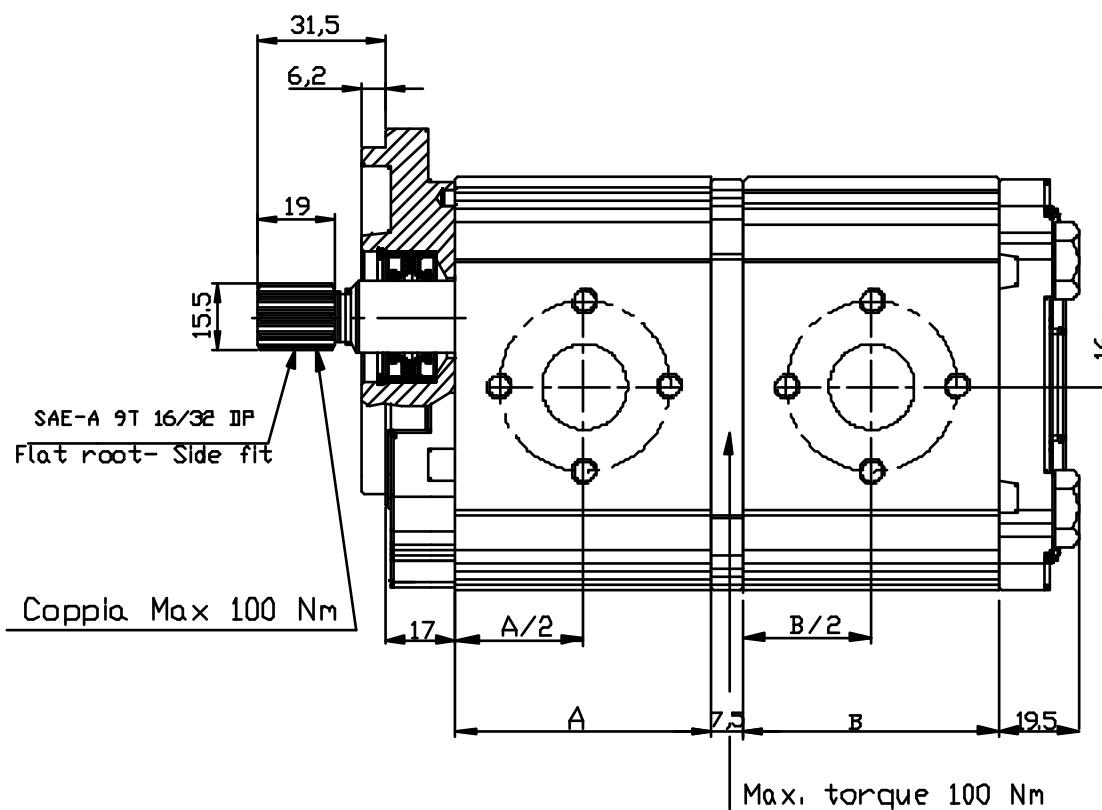
Flangia SAE A

Albero SAE-A 9T 16/32 DP

Corpo con bocche
a flangia

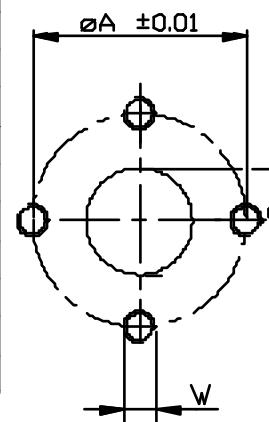
GROUP 2 PUMPS - TANDEM SAE "A" STANDARD

VERSION: P21 S2



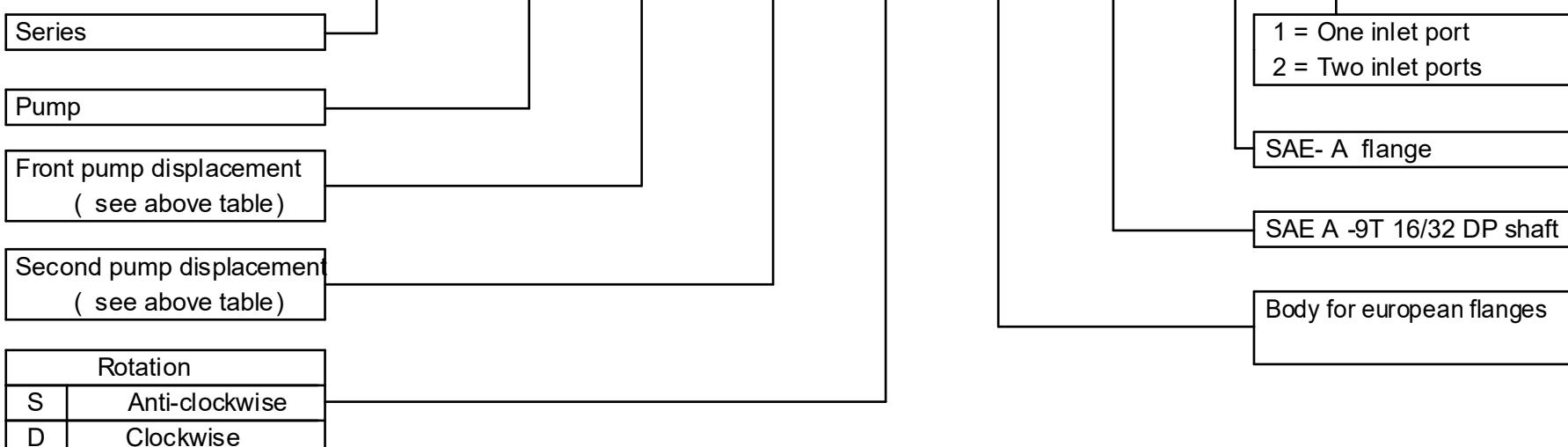
NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B		Inlet port			Outlet port		
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	48.00 48.00	13	30	M6	13	30	M6	
OT 200 P06	06,20	250	300	3500	51.00 51.00	13	30	M6	13	30	M6	
OT 200 P08	08,20	250	300	3500	54.00 54.00	13	30	M6	13	30	M6	
OT 200 P11	11,20	250	300	3500	58.30 58.30	13	30	M6	13	30	M6	
OT 200 P14	14,00	240	300	3000	62.30 62.30	20	40	M8	13	30	M6	
OT 200 P16	16,00	240	300	3000	65.20 65.20	20	40	M8	13	30	M6	
OT 200 P20	20,00	200	240	3000	71.00 71.00	20	40	M8	13	30	M6	
OT 200 P22	22,50	170	210	2500	82.70 82.70	20	40	M8	13	30	M6	
OT 200 P25	25,10	170	210	2500	86.50 86.50	20	40	M8	13	30	M6	
OT 200 P28	28,00	140	180	2500	90.70 90.70	20	40	M8	13	30	M6	
OT 200 P30	30,00	130	170	2000	93.50 93.50	20	40	M8	13	30	M6	



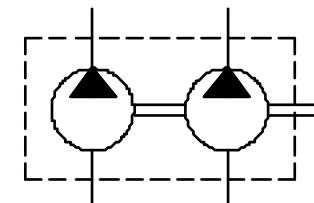
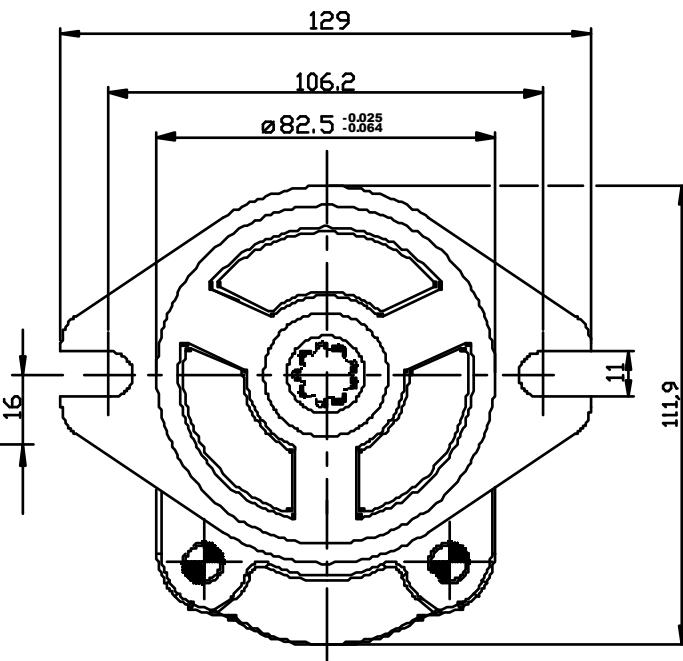
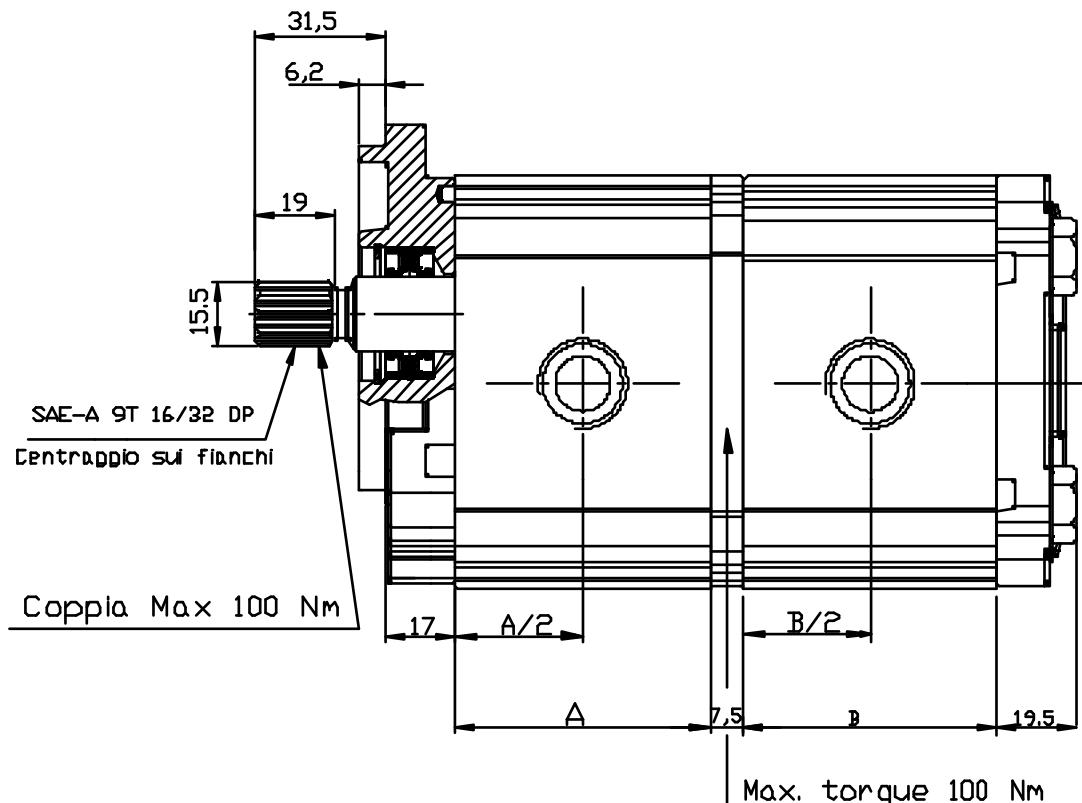
EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / P 21 S2 / 2

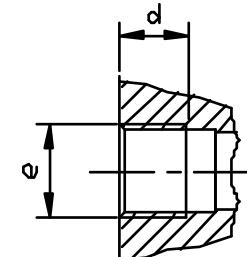


POMPE GRUPPO 2- SAE "A" TANDEM

VERSIONE: G21 S2



NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione B		Bocca di aspirazione		Bocca di mandata	
					A	B	e	d	e	d
OT 200 P04	04,10	250	300	4000	48.00	48.00	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	51.00	51.00	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	54.00	54.00	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	58.30	58.30	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	62.30	62.30	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	65.20	65.20	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	71.00	71.00	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	82.70	82.70	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	86.50	86.50	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	90.70	90.70	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	93.50	93.50	G3/4	16	G1/2	16

ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / G 21 S2 / 2

- Serie
- Pompa
- Cilindrata pompa anteriore
(Vedi tabella)
- Cilindrata pompa posteriore
(Vedi tabella)
- Rotazione

S	Sinistra
D	Destra

1 = Una aspirazione
2 = Due aspirazioni

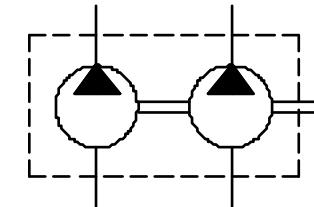
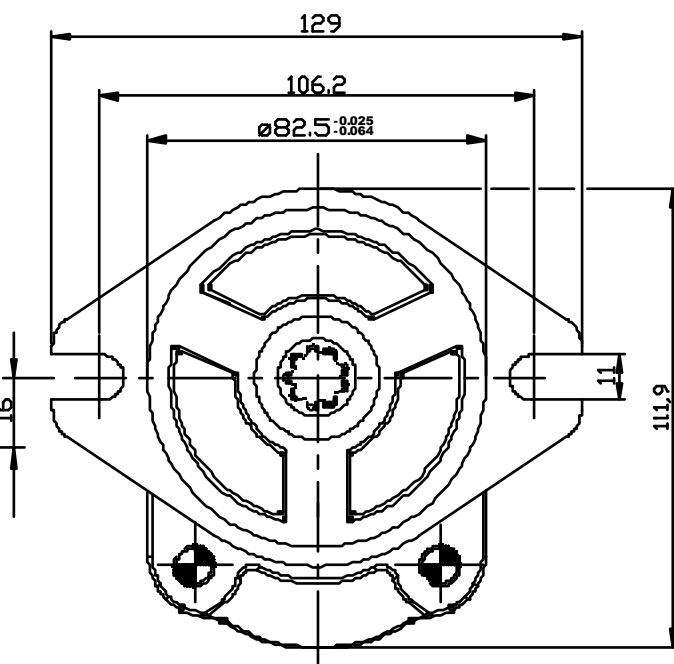
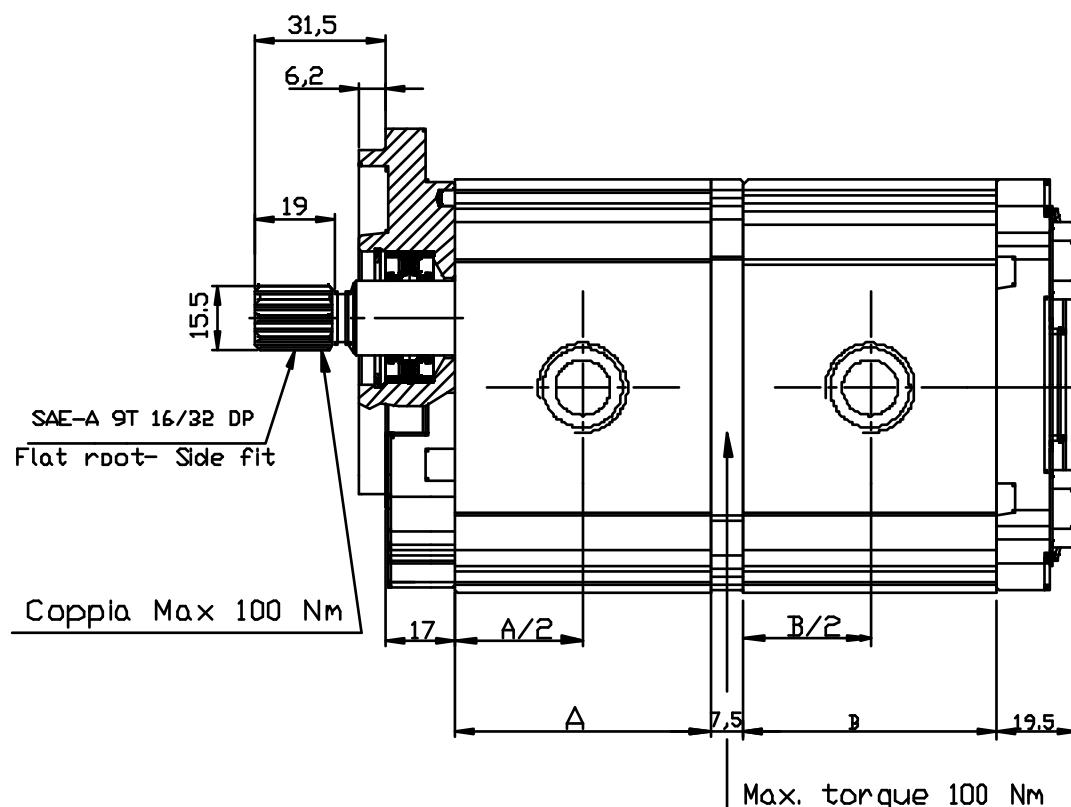
Flangia SAE A

Albero SAE-A 9T 16/32 DP

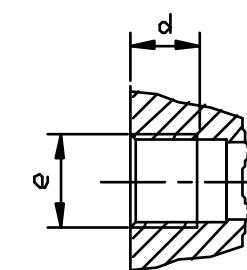
Corpo con bocche
filettate (GAS)

GROUP 2 PUMPS- TANDEM SAE "A" STANDARD

VERSION: G21 S2



NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore



Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port		Outlet port	
					B	(mm)	e	d	e	d
OT 200 P04	04,10	250	300	4000	48.00	48.00	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	51.00	51.00	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	54.00	54.00	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	58.30	58.30	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	62.30	62.30	G3/4	16	G1/2	14
OT 200 P16	16,00	240	300	3000	65.20	65.20	G3/4	16	G1/2	14
OT 200 P20	20,00	200	240	3000	71.00	71.00	G3/4	16	G1/2	14
OT 200 P22	22,50	170	210	2500	82.70	82.70	G3/4	16	G1/2	14
OT 200 P25	25,10	170	210	2500	86.50	86.50	G3/4	16	G1/2	14
OT 200 P28	28,00	140	180	2500	90.70	90.70	G3/4	16	G1/2	14
OT 200 P30	30,00	130	170	2000	93.50	93.50	G3/4	16	G1/2	14

EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / G 21 S2 / 2

- Series
- Pump
- Front pump displacement
(see above table)
- Second pump displacement
(see above table)
- Rotation

S	Anti-clockwise
D	Clockwise

1 = One inlet port
2 = Two inlet ports

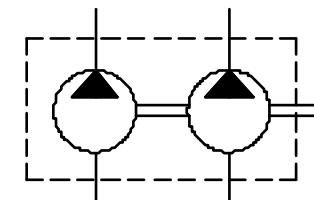
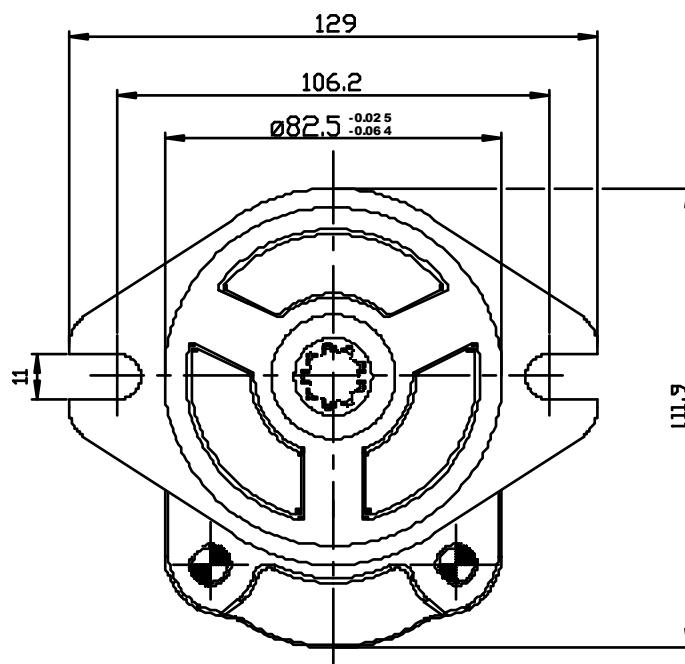
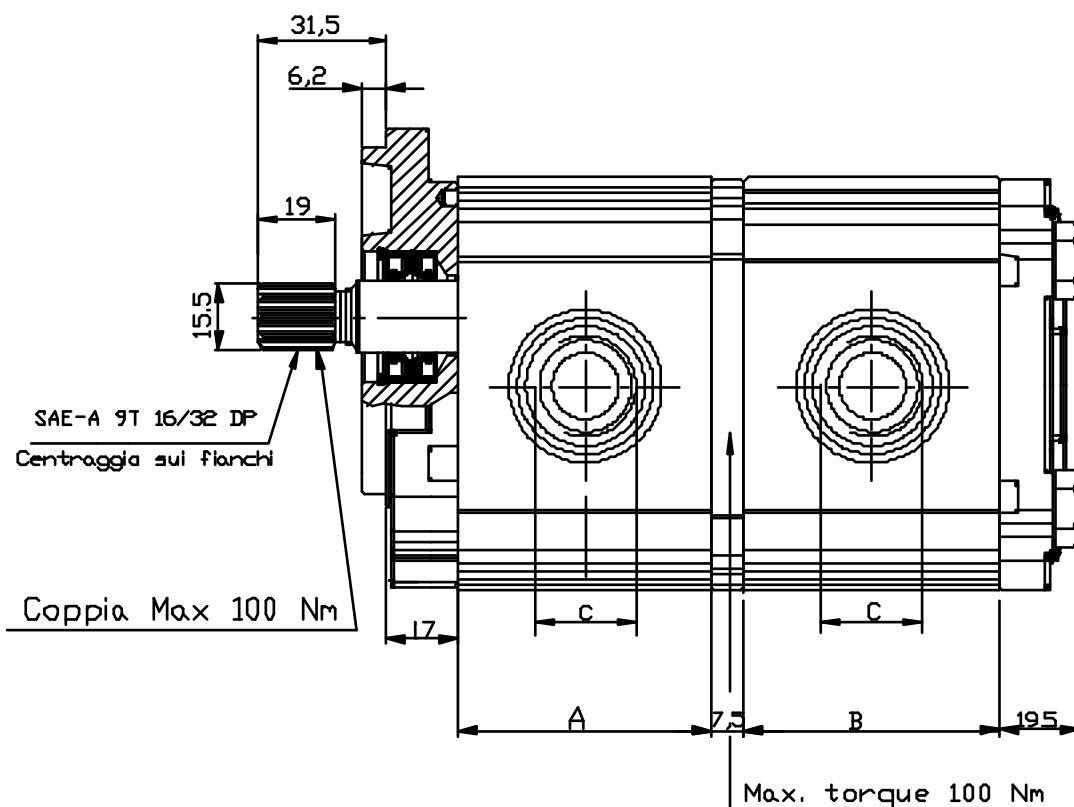
SAE- A flange

SAE A -9T 16/32 DP shaft

Body with threaded ports
(BSP)

POMPE GRUPPO 2- SAE "A" TANDEM

VERSIONE: R21 S2

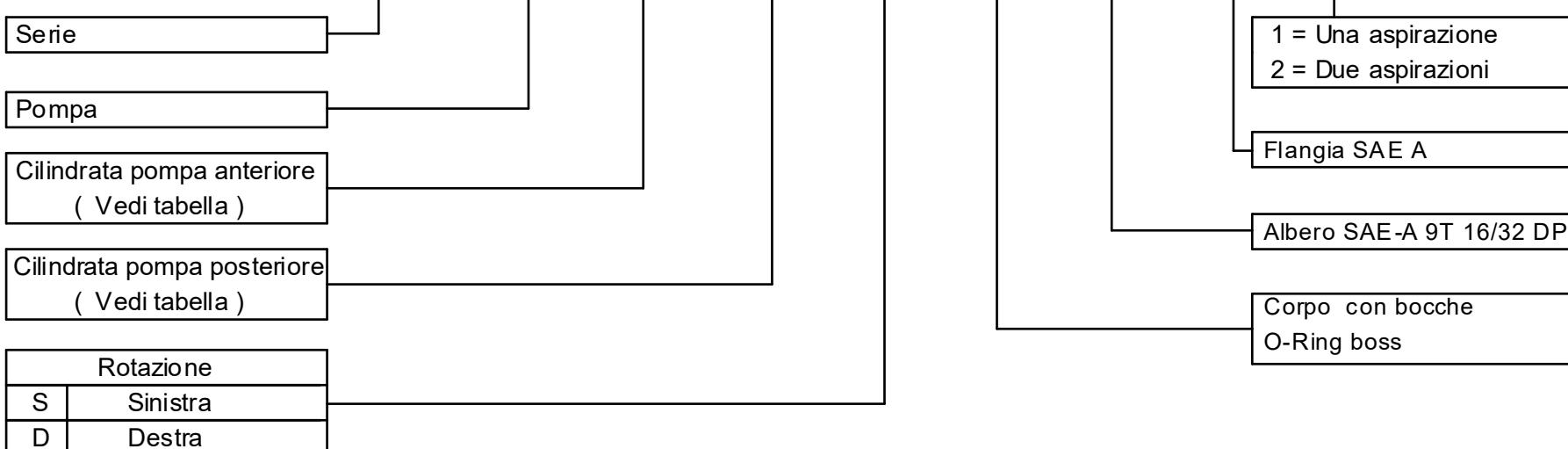


NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B (mm)		Bocca di aspirazione	Bocca di mandata
					A	B		
OT 200 P04	04,10	250	300	4000	48.00	48.00	7/8-14UNF-2B	7/8-14UNF-2B
OT 200 P06	06,20	250	300	3500	51.00	51.00		
OT 200 P08	08,20	250	300	3500	54.00	54.00		
OT 200 P11	11,20	250	300	3500	58.30	58.30		
OT 200 P14	14,00	240	300	3000	62.30	62.30		
OT 200 P16	16,00	240	300	3000	65.20	65.20		
OT 200 P20	20,00	200	240	3000	71.00	71.00		
OT 200 P22	22,50	170	210	2500	82.70	82.70		
OT 200 P25	25,10	170	210	2500	86.50	86.50		
OT 200 P28	28,00	140	180	2500	90.70	90.70		
OT 200 P30	30,00	130	170	2000	93.50	93.50		

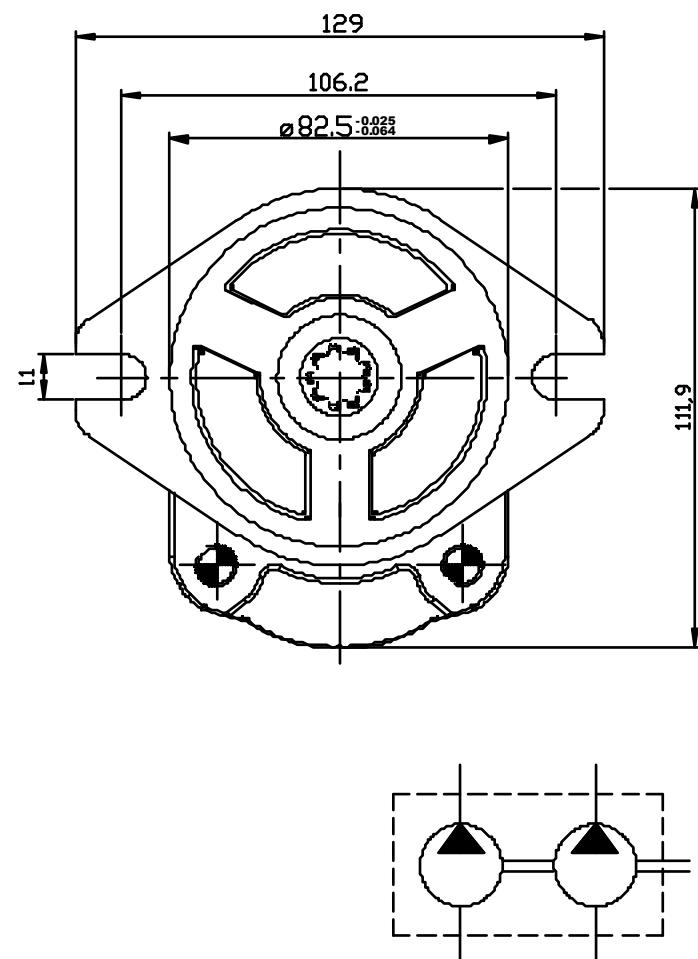
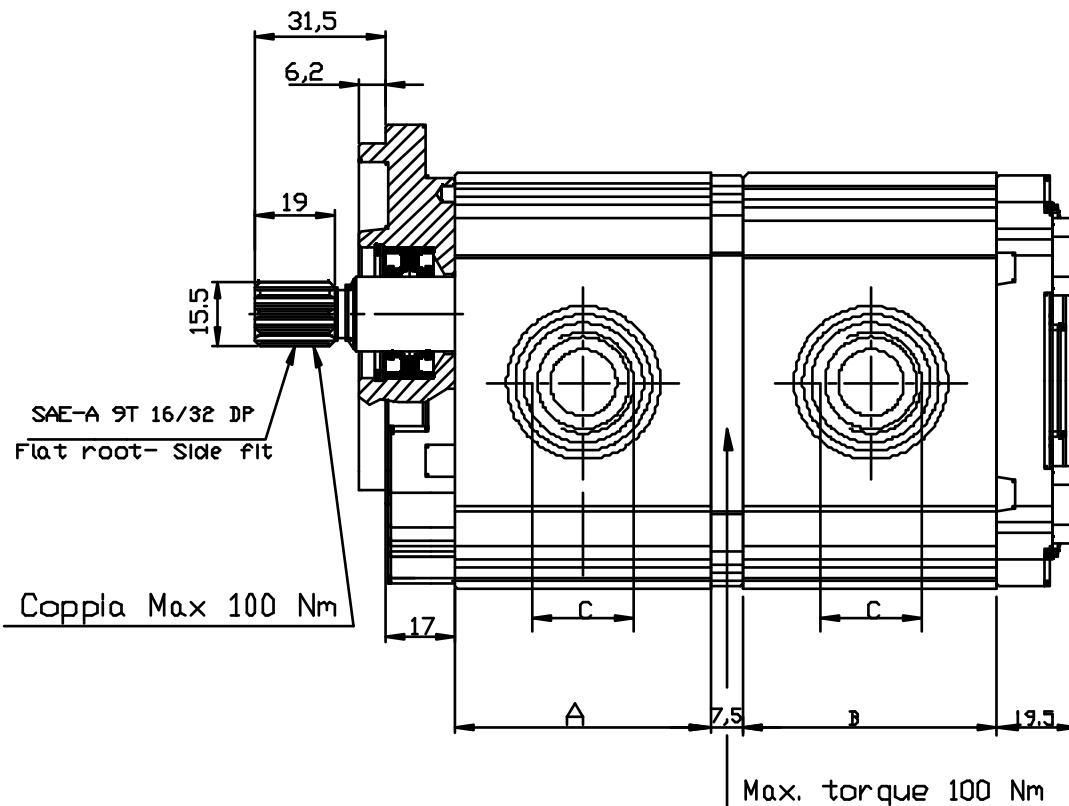
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / R 21 S2 / 2



GROUP 2 PUMPS- TANDEM SAE "A" STANDARD

VERSION: R21 S2

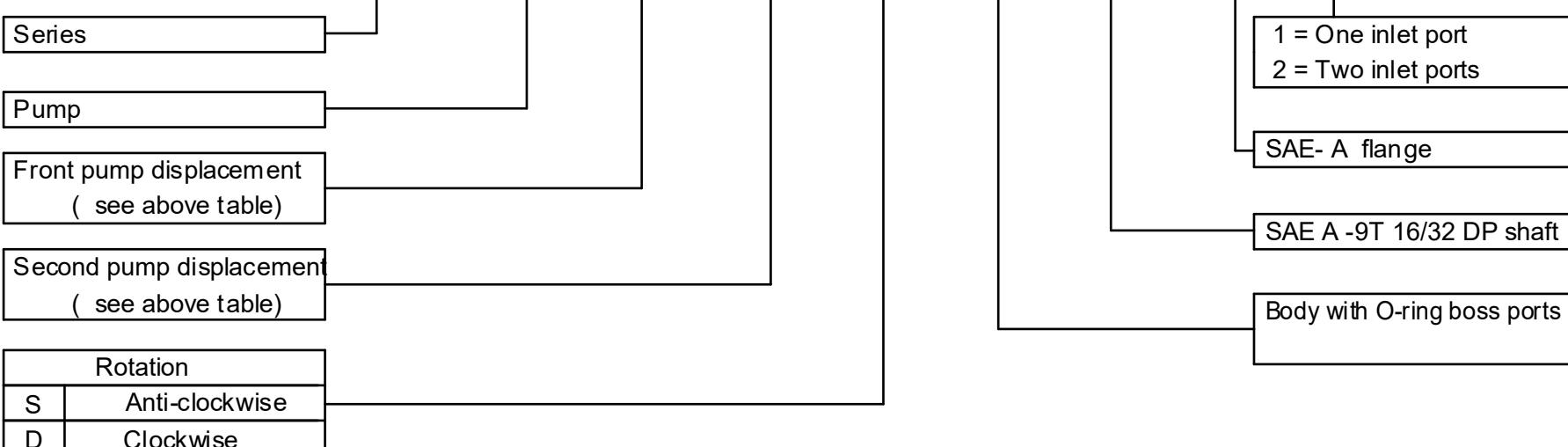


NOTE: Preferibilmente la pompa posteriore
dovrebbe essere di cilindrata inferiore

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B (mm)		Inlet port	Outlet port
					A	B		
OT 200 P04	04,10	250	300	4000	48.00	48.00		
OT 200 P06	06,20	250	300	3500	51.00	51.00		
OT 200 P08	08,20	250	300	3500	54.00	54.00		
OT 200 P11	11,20	250	300	3500	58.30	58.30		
OT 200 P14	14,00	240	300	3000	62.30	62.30		
OT 200 P16	16,00	240	300	3000	65.20	65.20		
OT 200 P20	20,00	200	240	3000	71.00	71.00		
OT 200 P22	22,50	170	210	2500	82.70	82.70		
OT 200 P25	25,10	170	210	2500	86.50	86.50		
OT 200 P28	28,00	140	180	2500	90.70	90.70		
OT 200 P30	30,00	130	170	2000	93.50	93.50		

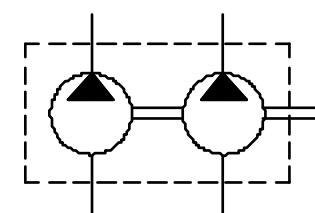
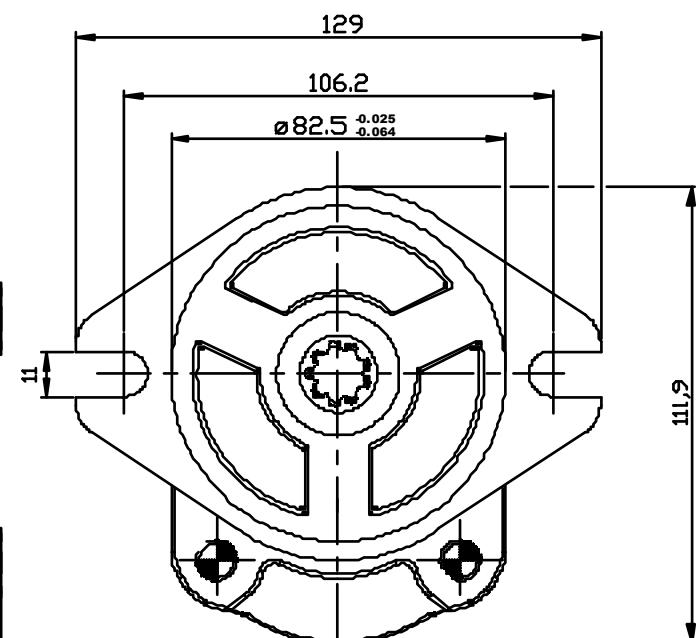
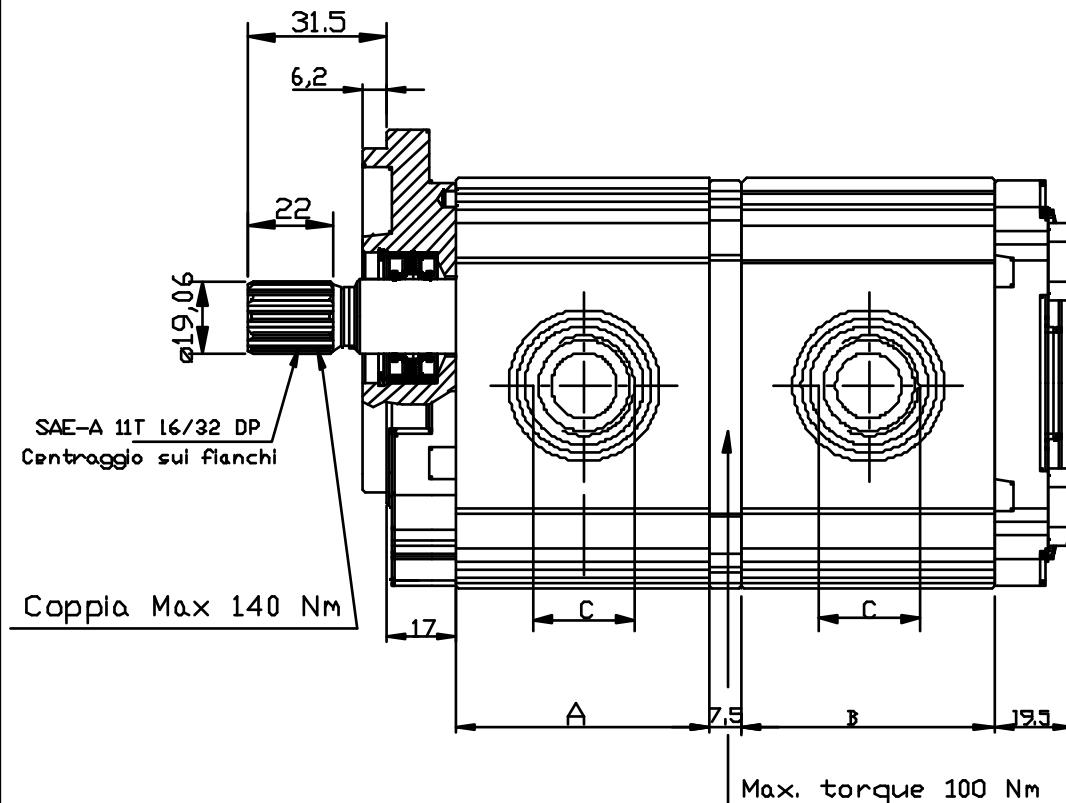
EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / R 21 S2 / 2



POMPE GRUPPO 2- SAE "A" TANDEM

VERSIONE: R20 S2

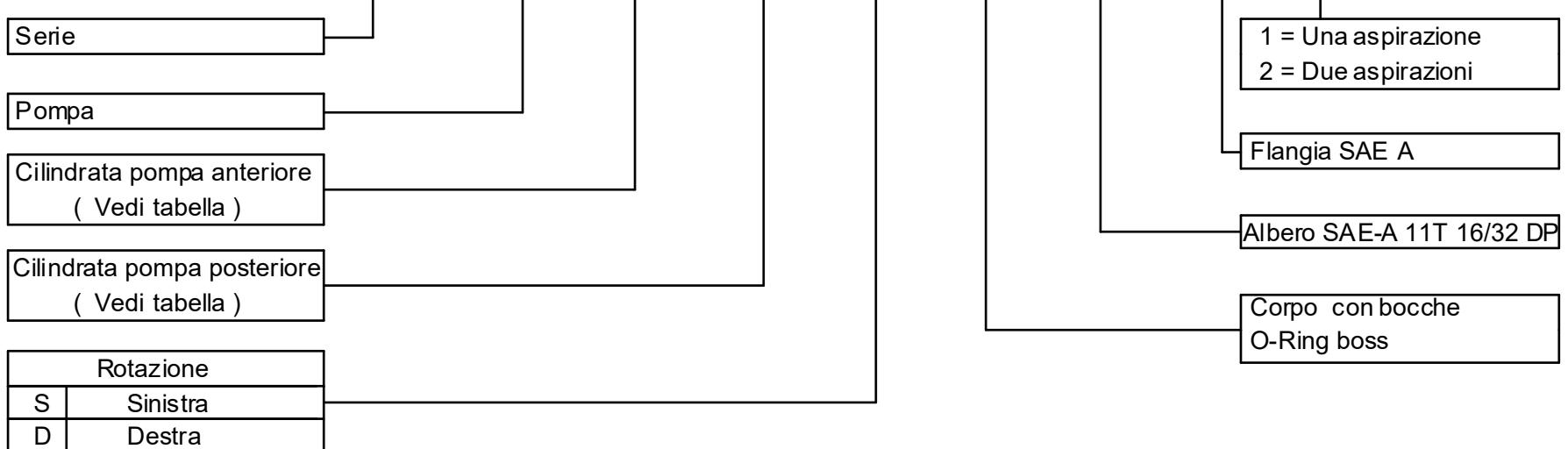


NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B		Bocca di aspirazione	Bocca di mandata
					A	B		
OT 200 P04	04,10	250	300	4000	48.00	48.00		
OT 200 P06	06,20	250	300	3500	51.00	51.00		
OT 200 P08	08,20	250	300	3500	54.00	54.00		
OT 200 P11	11,20	250	300	3500	58.30	58.30		
OT 200 P14	14,00	240	300	3000	62.30	62.30		
OT 200 P16	16,00	240	300	3000	65.20	65.20		
OT 200 P20	20,00	200	240	3000	71.00	71.00		
OT 200 P22	22,50	170	210	2500	82.70	82.70		
OT 200 P25	25,10	170	210	2500	86.50	86.50		
OT 200 P28	28,00	140	180	2500	90.70	90.70		
OT 200 P30	30,00	130	170	2000	93.50	93.50		

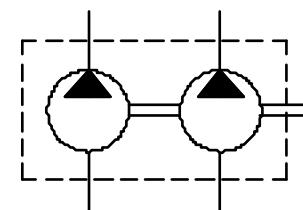
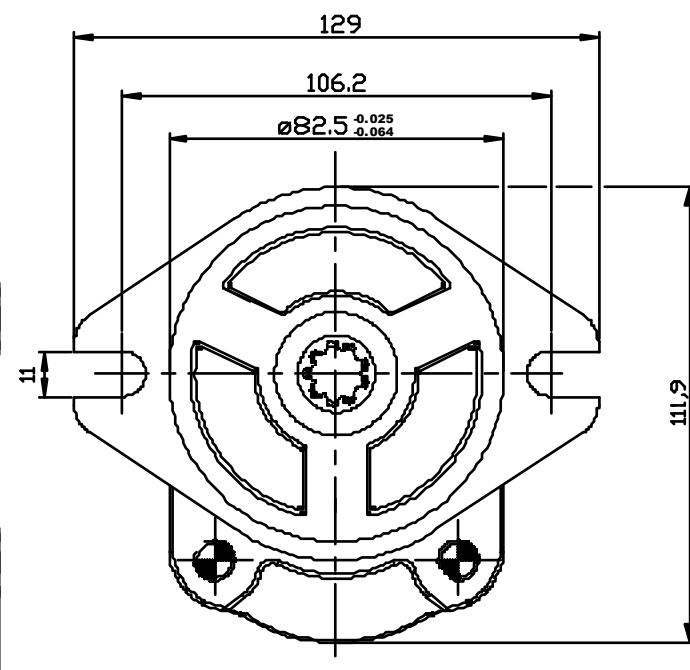
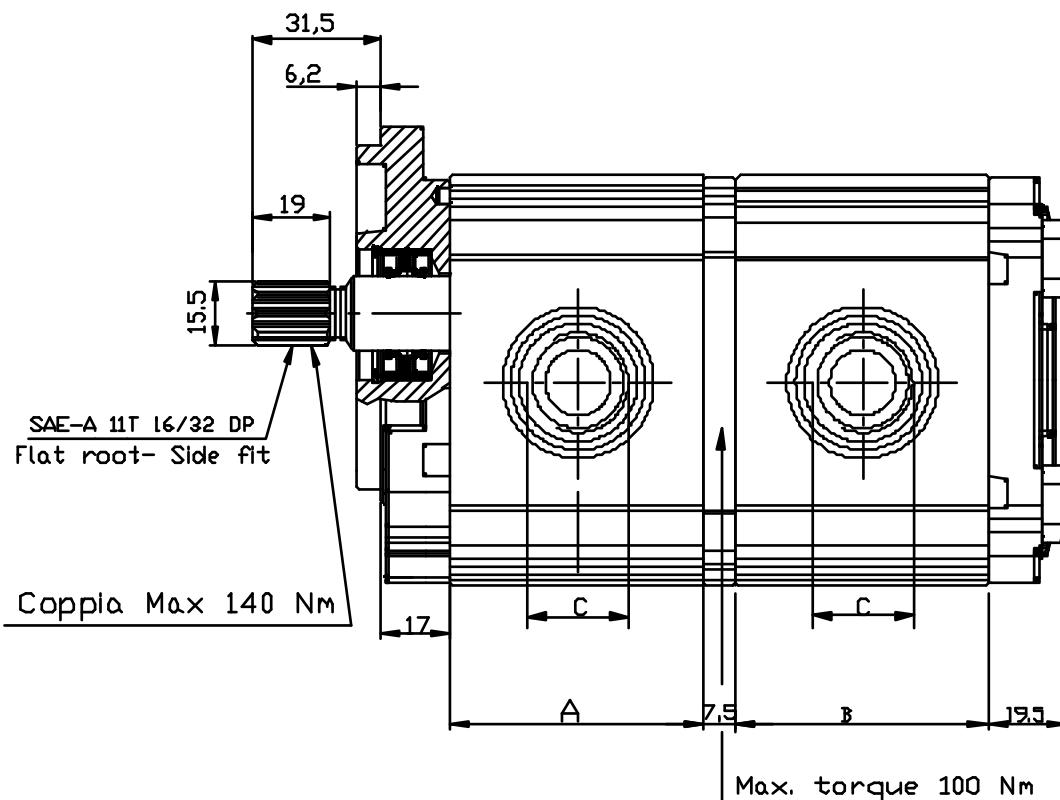
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / R 20 S2 / 2



GROUP 2 PUMPS- TANDEM SAE "A" STANDARD

VERSION: R20 S2

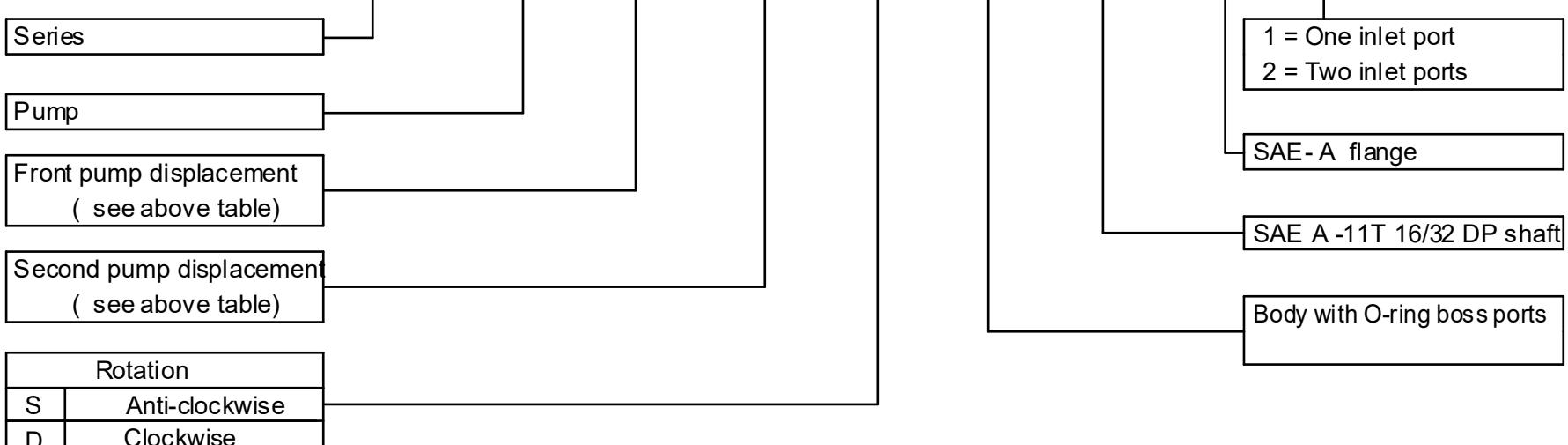


NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A B (mm)		Inlet port	Outlet port
					A	B		
OT 200 P04	04,10	250	300	4000	48.00	48.00	7/8-14UNF-2B	7/8-14UNF-2B
OT 200 P06	06,20	250	300	3500	51.00	51.00		
OT 200 P08	08,20	250	300	3500	54.00	54.00		
OT 200 P11	11,20	250	300	3500	58.30	58.30		
OT 200 P14	14,00	240	300	3000	62.30	62.30		
OT 200 P16	16,00	240	300	3000	65.20	65.20		
OT 200 P20	20,00	200	240	3000	71.00	71.00		
OT 200 P22	22,50	170	210	2500	82.70	82.70		
OT 200 P25	25,10	170	210	2500	86.50	86.50		
OT 200 P28	28,00	140	180	2500	90.70	90.70		
OT 200 P30	30,00	130	170	2000	93.50	93.50		

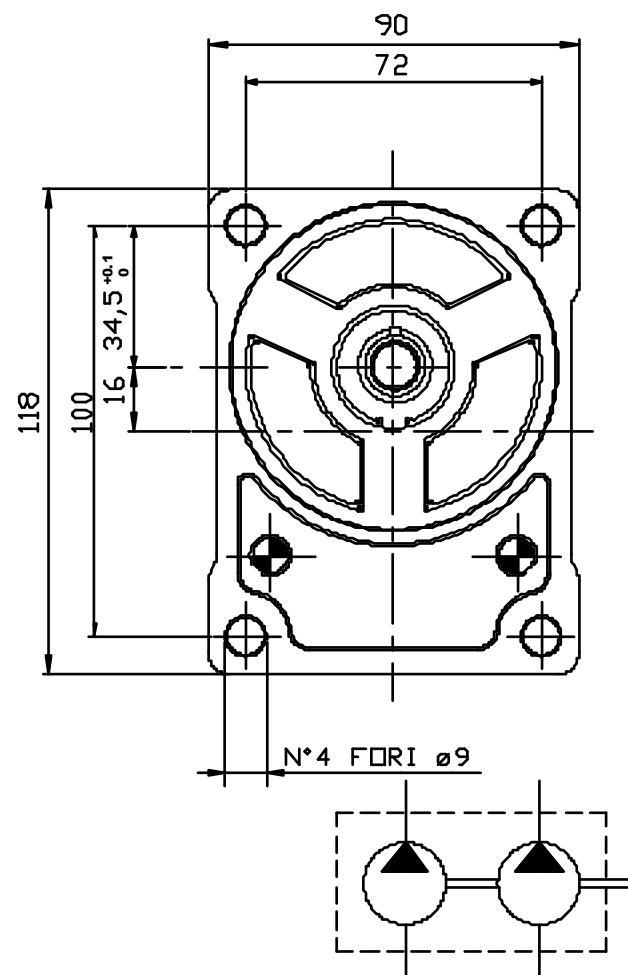
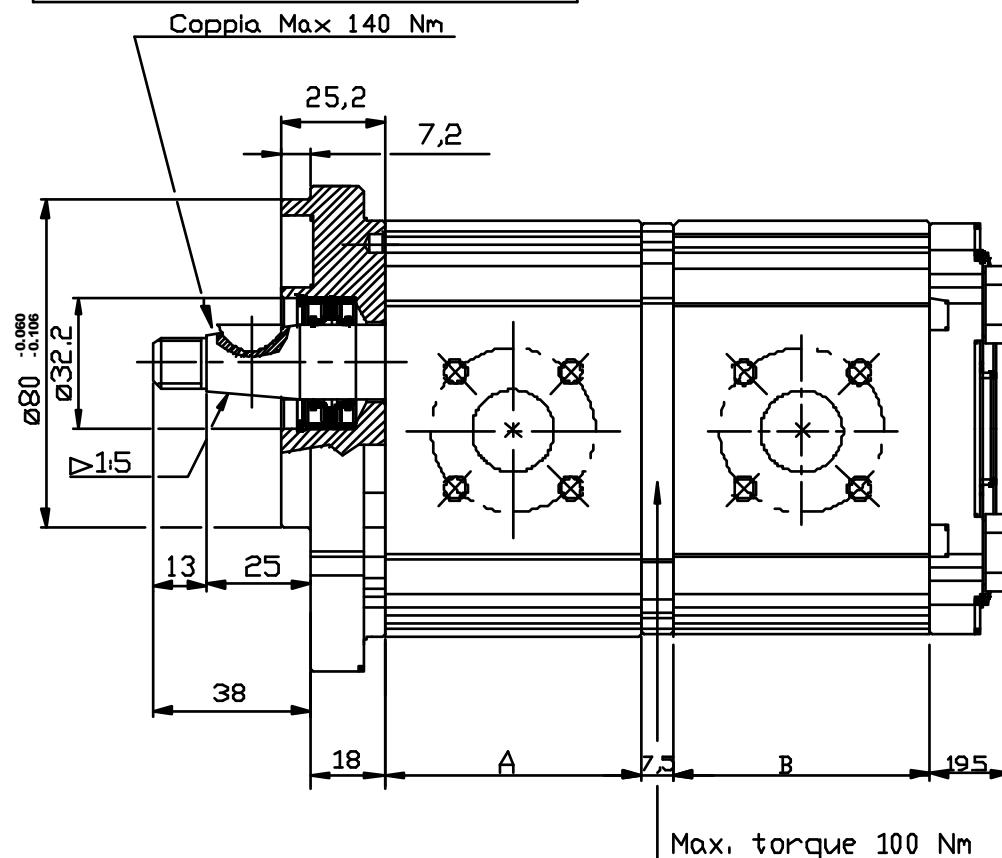
EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / R 20 S2 / 2



POMPE GRUPPO 2- TANDEM STANDARD TEDESCO

VERSIONE: B25 B2



NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A B		Inlet port		Outlet port			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	48.00	48.00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	51.00	51.00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	54.00	54.00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	58.30	58.30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	62.30	62.30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	65.20	65.20	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	71.00	71.00	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.70	82.70	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	86.50	86.50	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	90.70	90.70	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	93.50	93.50	20	40	M6	15	35	M6

ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / B 25 B2 / 2

Serie

Pompa

Cilindrata pompa anteriore
(Vedi tabella)

Cilindrata pompa posteriore
(Vedi tabella)

Rotazione

S Sinistra

D Destra

1 = Una aspirazione
2 = Due aspirazioni

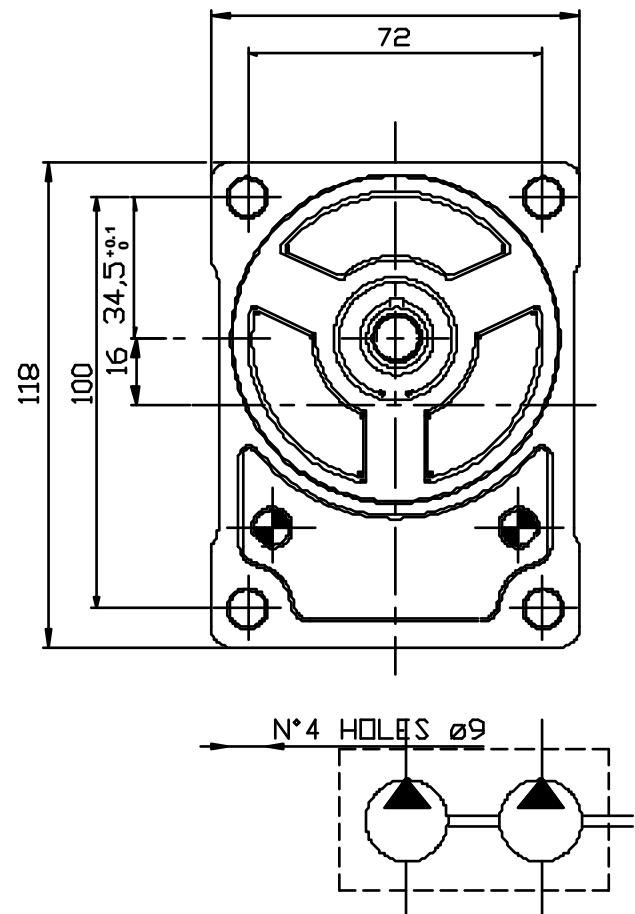
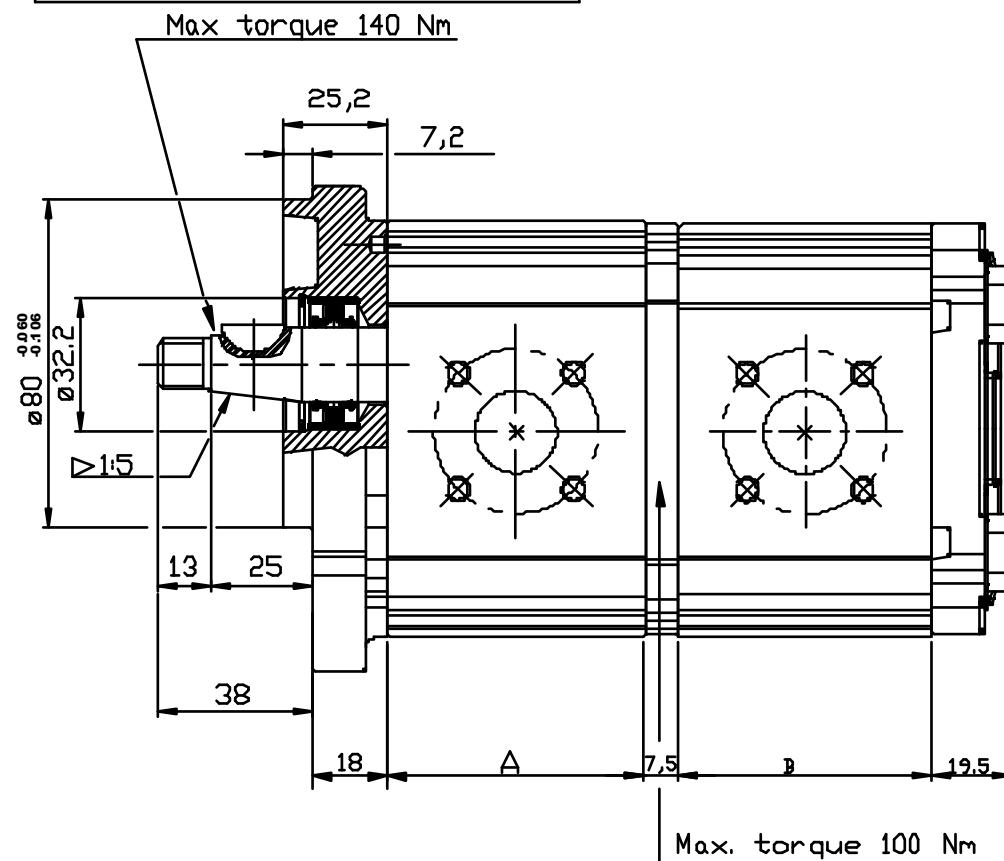
Flangia Standard Tedesco

Albero conico 1:5

Corpo con bocche
a flangia

GROUP 2 PUMPS- TANDEM GERMAN STANDARD

VERSION: B25 B2



NOTE: Preferibilmente la pompa posteriore
dovrebbe essere di cilindrata inferiore

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Inlet port		Outlet port			
					B	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	48.00	48.00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	51.00	51.00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	54.00	54.00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	58.30	58.30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	62.30	62.30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	65.20	65.20	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	71.00	71.00	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.70	82.70	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	86.50	86.50	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	90.70	90.70	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	93.50	93.50	20	40	M6	15	35	M6

EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / B 25 B2 / 2

- Series
- Pump
- Front pump displacement
(see above table)
- Second pump displacement
(see above table)
- Rotation

S	Anti-clockwise
D	Clockwise

1 = One inlet port
2 = Two inlet ports

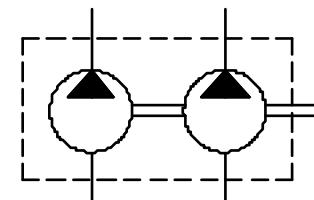
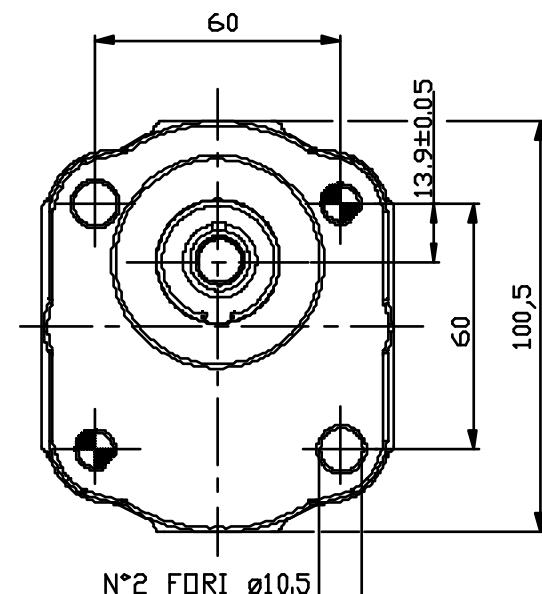
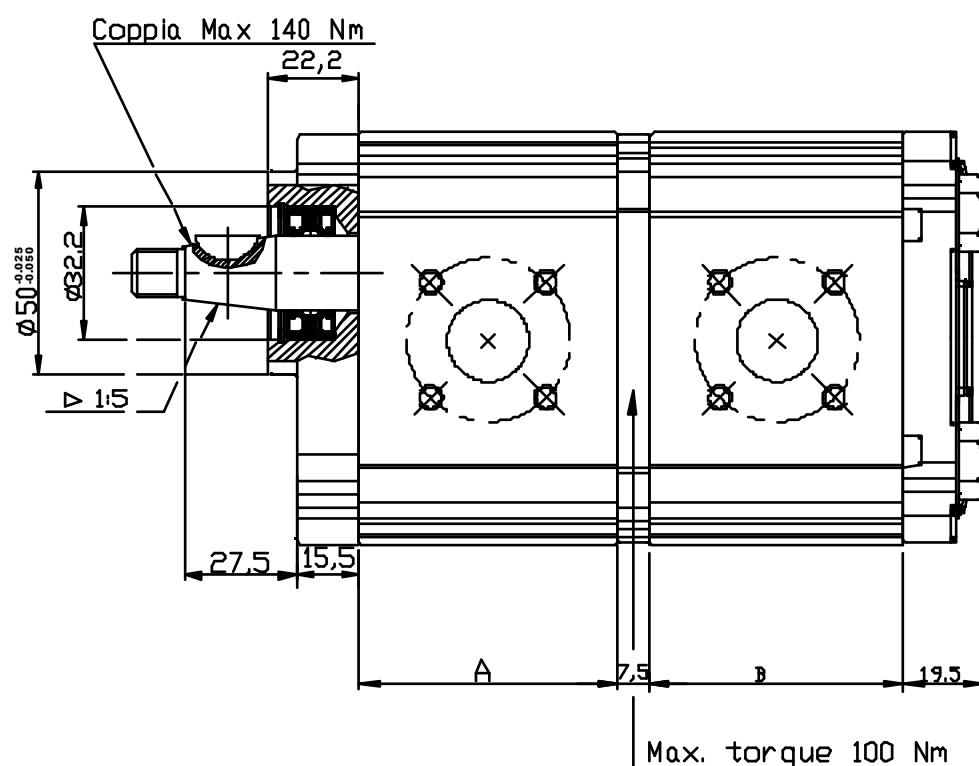
German standard flange

Taper shaft (1:5)

Body for German flanges

POMPE GRUPPO 2- TANDEM STANDARD TEDESCO

VERSIONE: B25 B5



NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione A		Bocca di aspirazione		Bocca di mandata			
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	48.00	48.00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	51.00	51.00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	54.00	54.00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	58.30	58.30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	62.30	62.30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	65.20	65.20	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	71.00	71.00	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.70	82.70	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	86.50	86.50	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	90.70	90.70	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	93.50	93.50	20	40	M6	15	35	M6

ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 16 / 06 S / B 25 B5 / 2

Serie

Pompa

Cilindrata pompa anteriore
(Vedi tabella)

Cilindrata pompa posteriore
(Vedi tabella)

Rotazione

S Sinistra

D Destra

1 = Una aspirazione
2 = Due aspirazioni

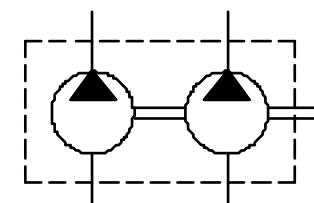
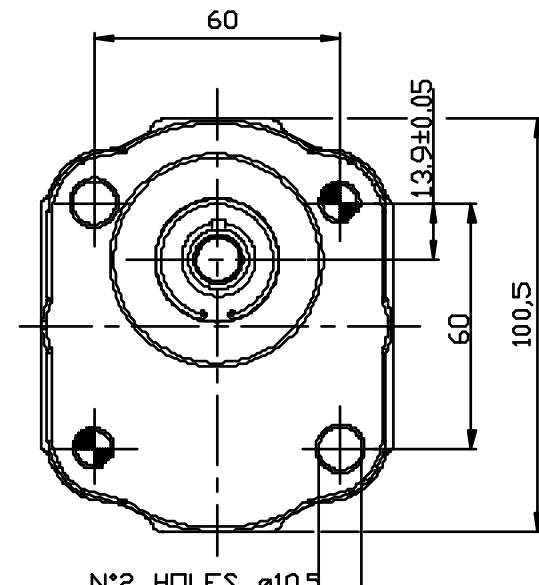
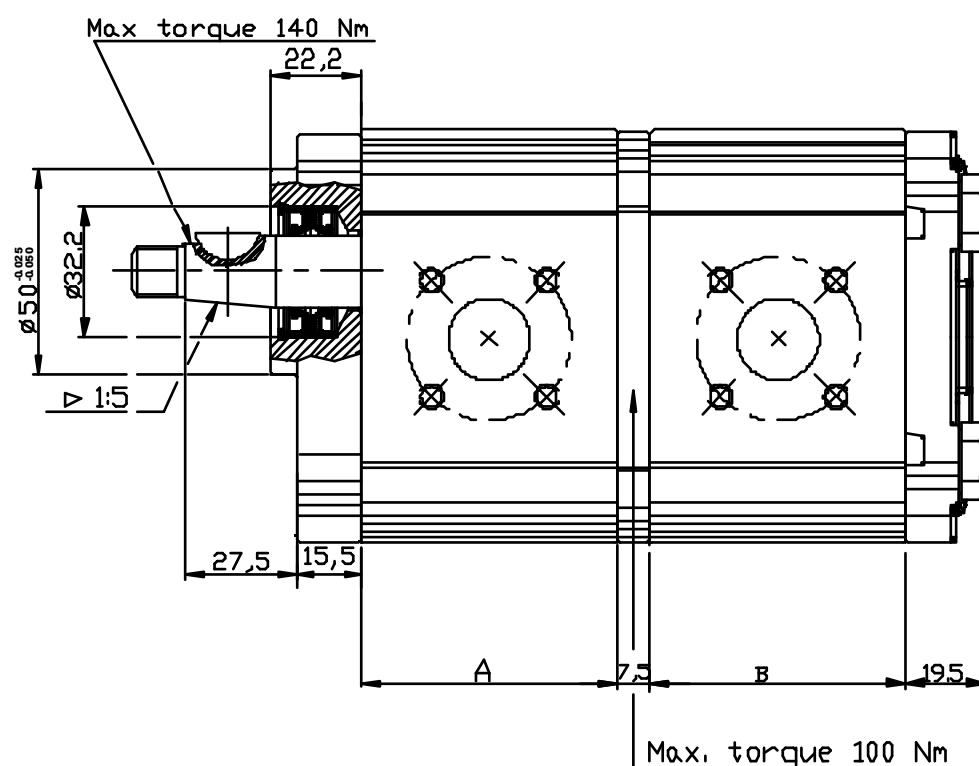
Flangia standard tedesco

Albero conico (1:5)

Corpo con bocche
a flangia

GROUP 2 PUMPS- TANDEM GERMAN STANDARD

VERSION: B25 B5



NOTE: Preferibilmente la pompa posteriore dovrebbe essere di cilindrata inferiore

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension A		Dimension B		Inlet port		Outlet port	
					(mm)	ØD	ØA	W	ØD	ØA	W	
OT 200 P04	04,10	250	300	4000	48.00	48.00	20	40	M6	15	35	M6
OT 200 P06	06,20	250	300	3500	51.00	51.00	20	40	M6	15	35	M6
OT 200 P08	08,20	250	300	3500	54.00	54.00	20	40	M6	15	35	M6
OT 200 P11	11,20	250	300	3500	58.30	58.30	20	40	M6	15	35	M6
OT 200 P14	14,00	240	300	3000	62.30	62.30	20	40	M6	15	35	M6
OT 200 P16	16,00	240	300	3000	65.20	65.20	20	40	M6	15	35	M6
OT 200 P20	20,00	200	240	3000	71.00	71.00	20	40	M6	15	35	M6
OT 200 P22	22,50	170	210	2500	82.70	82.70	20	40	M6	15	35	M6
OT 200 P25	25,10	170	210	2500	86.50	86.50	20	40	M6	15	35	M6
OT 200 P28	28,00	140	180	2500	90.70	90.70	20	40	M6	15	35	M6
OT 200 P30	30,00	130	170	2000	93.50	93.50	20	40	M6	15	35	M6

EXAMPLE OF ORDERING CODE

OT200 P 16 / 06 S / B 25 B5 / 2

- Series
- Pump
- Front pump displacement
(see above table)
- Second pump displacement
(see above table)
- Rotation

S	Anti-clockwise
D	Clockwise

1 = One inlet port
2 = Two inlet ports

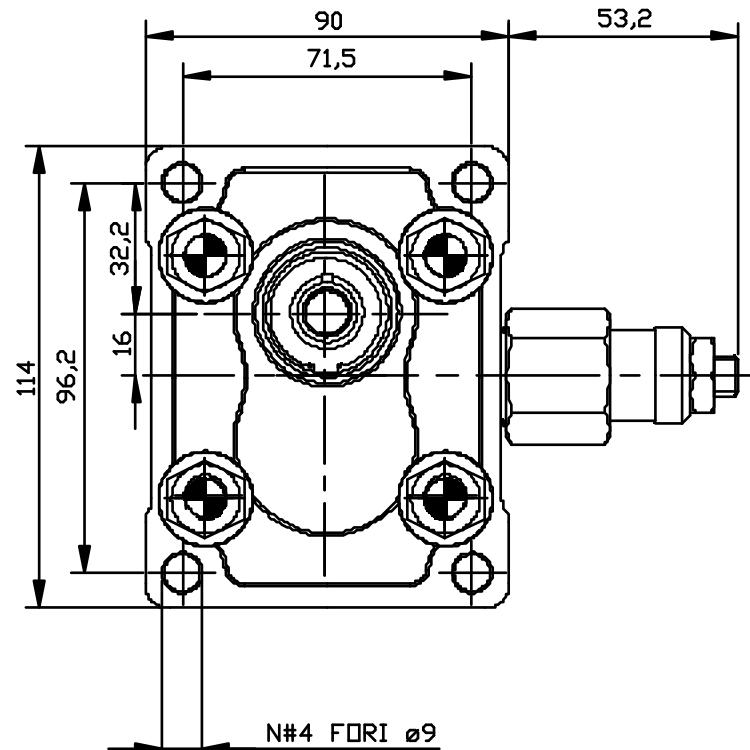
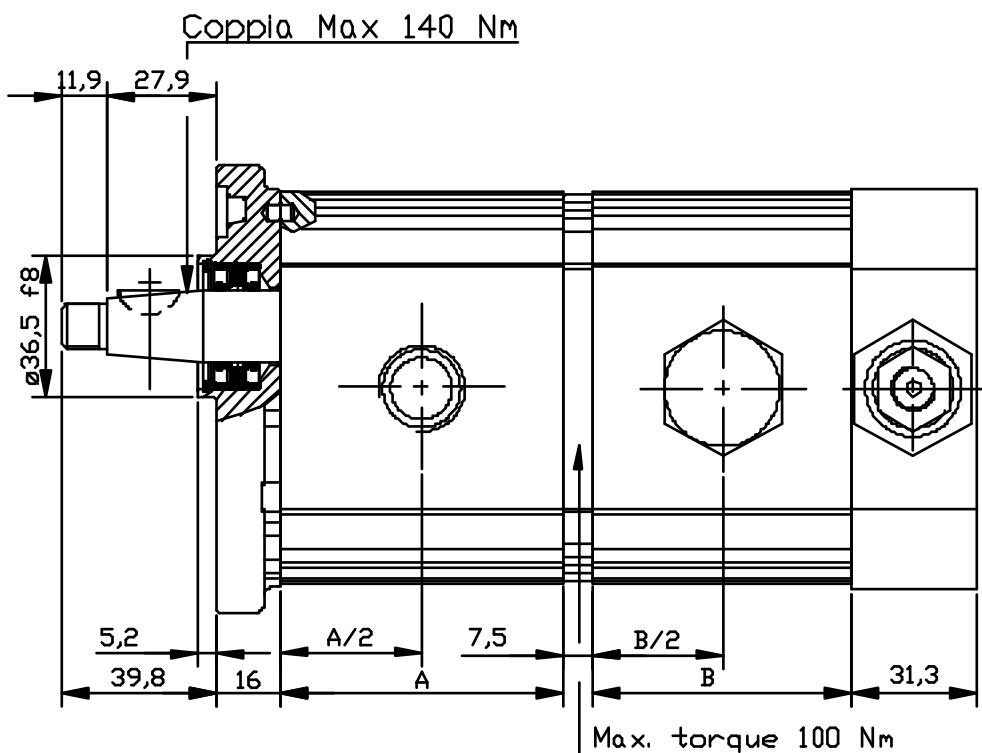
German standard flanges

Taper shaft (1:5)

Body for German flanges

POMPE GRUPPO 2- TANDEM CON SEQUENZA

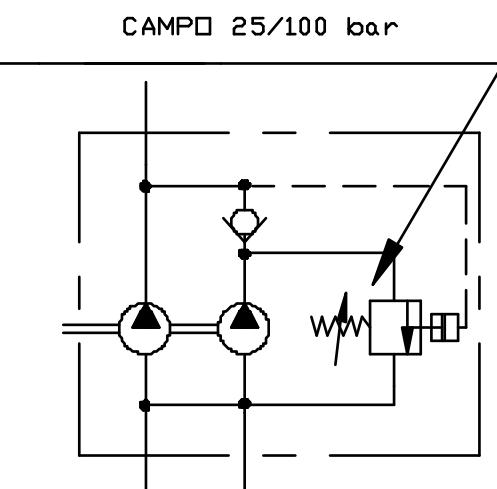
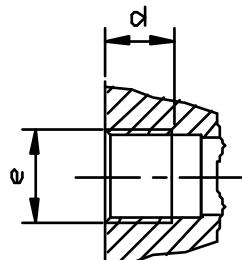
VERSIONE: G28 P2-SV



POMPA FRONTALE				
TIPO	P1	P3	A	Cy
OT 200 P04	250	300	48.00	4.10
OT 200 P06	250	300	51.00	6.20
OT 200 P08	250	300	54.00	8.20
OT 200 P11	250	300	58.30	11.20
OT 200 P14	240	300	62.30	14.00
OT 200 P16	240	300	65.20	16.00
OT 200 P20	200	240	71.00	20.00
OT 200 P22	170	210	82.70	22.50
OT 200 P25	170	210	86.50	25.10

POMPA POSTERIORE			
TIPO	P1	P3	B
OT 200 P06	250	300	51.00
OT 200 P08	250	300	54.00
OT 200 P11	250	300	58.30
OT 200 P14	240	300	62.30
OT 200 P16	240	300	65.20
OT 200 P20	200	240	71.00
OT 200 P22	170	210	82.70
OT 200 P25	170	210	86.50

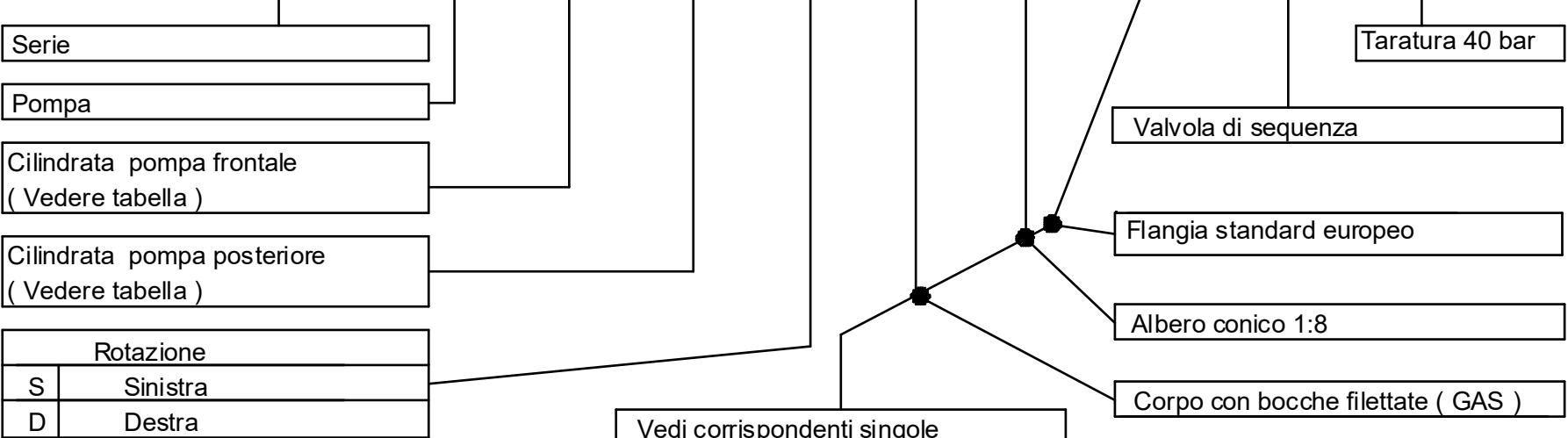
	Bocca di aspirazione		Bocca di mandata	
	e	d	e	d
da P04 a P11	G1/2	14	G1/2	14
da P14 a P25	G3/4	16		



P1 = PRESSIONE DI LAVORO (bar)
P3 = PRESSIONE DI PICCO (bar)
Cy = CILINDRATA (cc/giro)

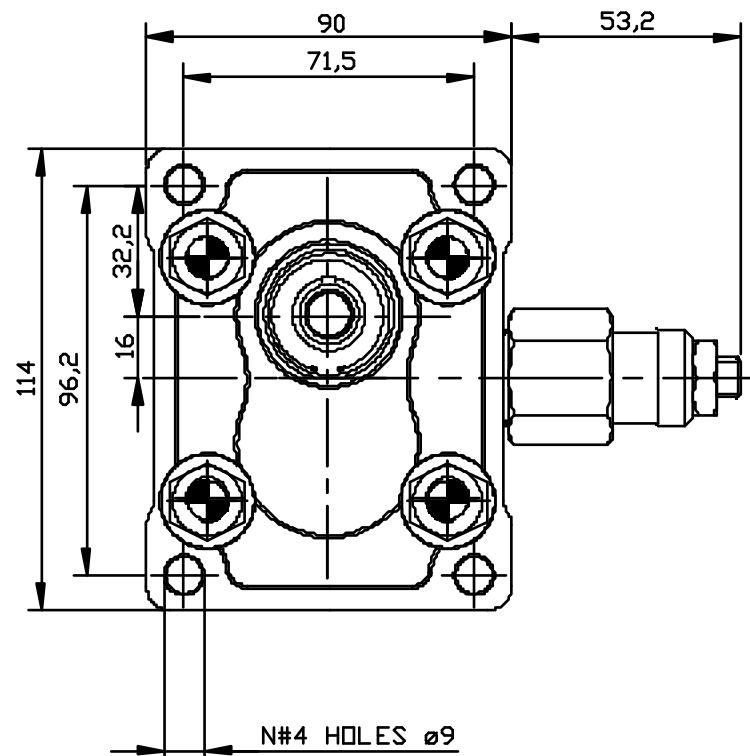
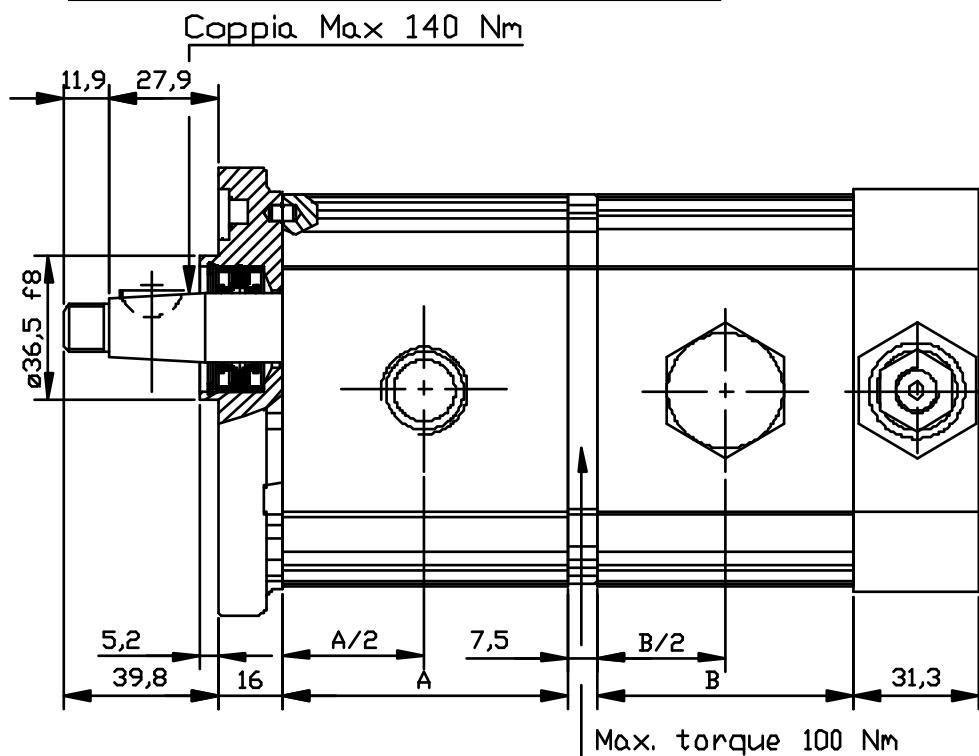
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 11 / 08 S / G 28 P2 - SV 40



GROUP 2 PUMPS- TANDEM WITH SEQUENCE VALVE HI-LOW

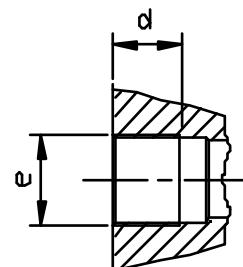
VERSION: G28 P2-SV



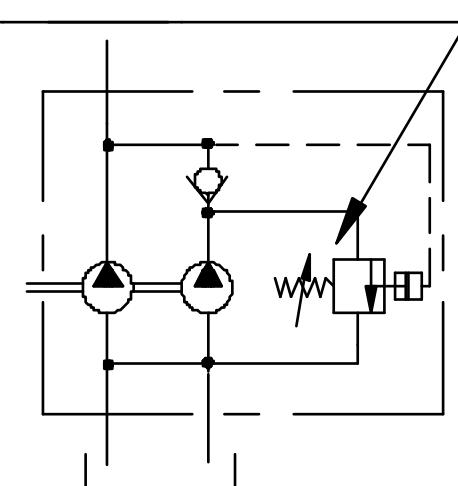
FIRST PUMP				
TYPE	P1	P3	A	Cy
OT 200 P04	250	300	48.00	4.10
OT 200 P06	250	300	51.00	6.20
OT 200 P08	250	300	54.00	8.20
OT 200 P11	250	300	58.30	11.20
OT 200 P14	240	300	62.30	14.00
OT 200 P16	240	300	65.20	16.00
OT 200 P20	200	240	71.00	20.00
OT 200 P22	170	210	82.70	22.50
OT 200 P25	170	210	86.50	25.10

SECOND PUMP				
TYPE	P1	P3	B	Cy
OT 200 P06	250	300	51.00	6.20
OT 200 P08	250	300	54.00	8.20
OT 200 P11	250	300	58.30	11.20
OT 200 P14	240	300	62.30	14.00
OT 200 P16	240	300	65.20	16.00
OT 200 P20	200	240	71.00	20.00
OT 200 P22	170	210	82.70	22.50
OT 200 P25	170	210	86.50	25.10

	Inlet port		Outlet port	
	e	d	e	d
P04 to P11	G1/2	14	G1/2	14
P14 to P25	G3/4	16		



RANGE 25/100 bar



P1 = WORKING PRESSURE (bar)
 P3 = PEAK PRESSURE (bar)
 Cy = DISPLACEMENT (cc/rev)

EXAMPLE OF ORDERING CODE

OT200 P 11 / 08 S / G 28 P2 - SV 40

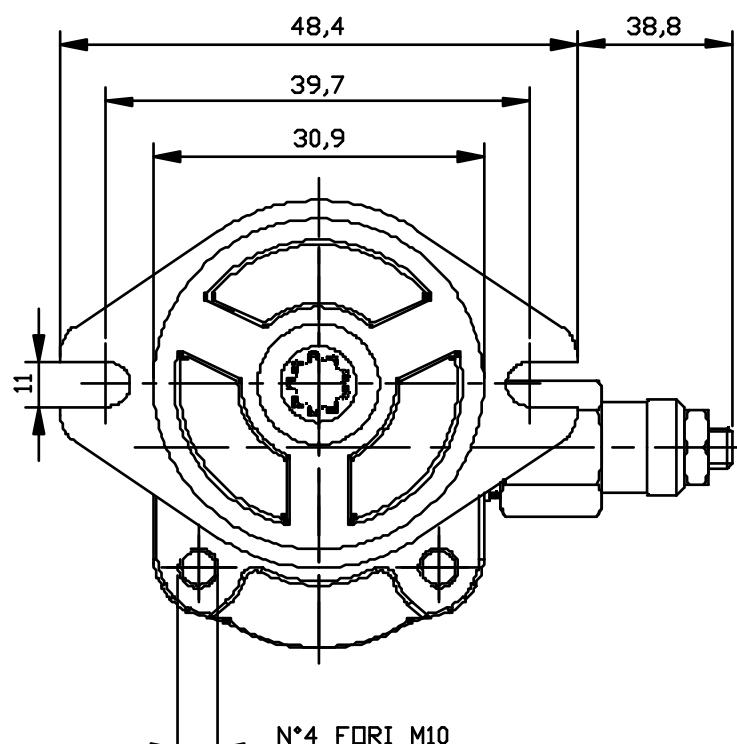
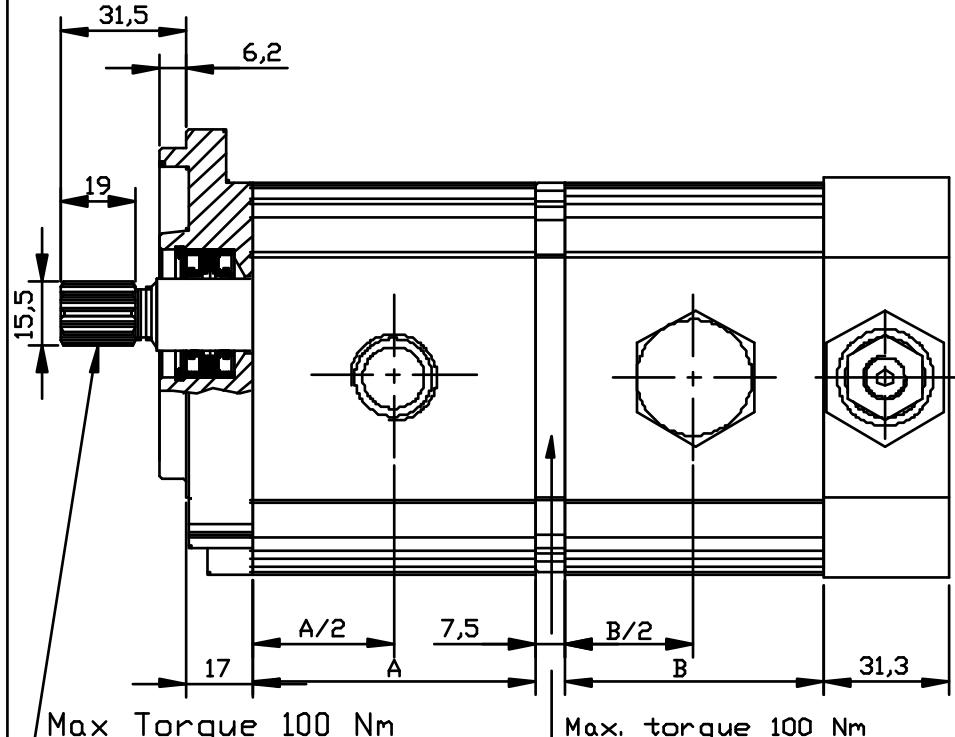
- Series
- Pump
- Front pump displacement
(see above table)
- Second pump displacement
(see above table)
- Rotation
 - S Anti-clockwise
 - D Clockwise

See above correspondent single pumps

- Setting value (bar)
- Sequence valve Hi-Low
- European standard flange
- Taper shaft (1:8)
- Body with threaded ports (BSP)

POMPE GRUPPO 2- TANDEM CON SEQUENZA

VERSIONE: G21 S2-SV



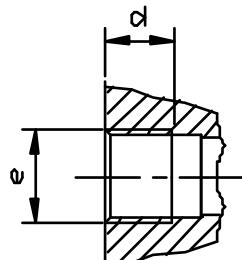
POMPA FRONTALE

TIPO	P1	P3	A	Cy
OT 200 P04	250	300	48.00	4.10
OT 200 P06	250	300	51.00	6.20
OT 200 P08	250	300	54.00	8.20
OT 200 P11	250	300	58.30	11.20
OT 200 P14	240	300	62.30	14.00
OT 200 P16	240	300	65.20	16.00
OT 200 P20	200	240	71.00	20.00
OT 200 P22	170	210	82.70	22.50
OT 200 P25	170	210	86.50	25.10

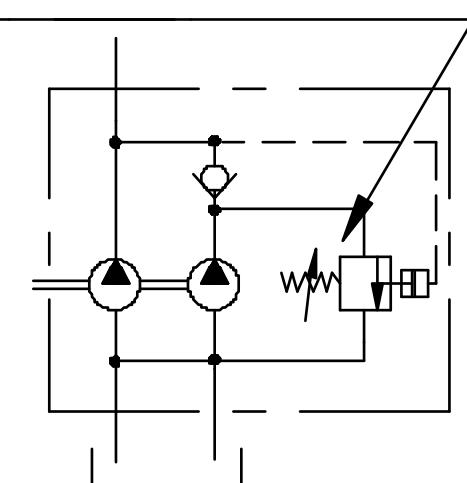
POMPA POSTERIORE

TIPO	P1	P3	B	Cy
OT 200 P06	250	300	51.00	6.20
OT 200 P08	250	300	54.00	8.20
OT 200 P11	250	300	58.30	11.20
OT 200 P14	240	300	62.30	14.00
OT 200 P16	240	300	65.20	16.00
OT 200 P20	200	240	71.00	20.00
OT 200 P22	170	210	82.70	22.50
OT 200 P25	170	210	86.50	25.10

	Bocca di aspirazione		Bocca di mandata	
	e	d	e	d
da P04 a P11	G1/2	14	G1/2	14
da P14 a P25	G3/4	16		



CAMPÙ 25/100 bar



P1 = PRESSIONE DI LAVORO (bar)

P3 = PRESSIONE DI PICCO (bar)

Cy = CILINDRATA (cc/giro)

ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 11 / 08 S / G 21 S2 - SV 40

Serie

Pompa

Cilindrata pompa frontale
(Vedere tabella)

Cilindrata pompa posteriore
(Vedere tabella)

Rotazione

S Sinistra

D Destra

Taratura 40 bar

Valvola di sequenza

Flangia SAE A

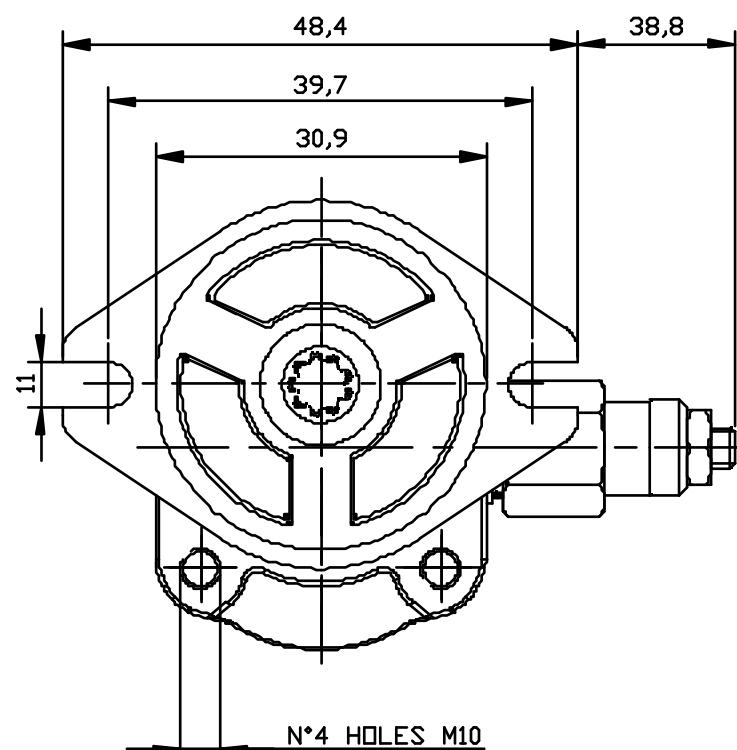
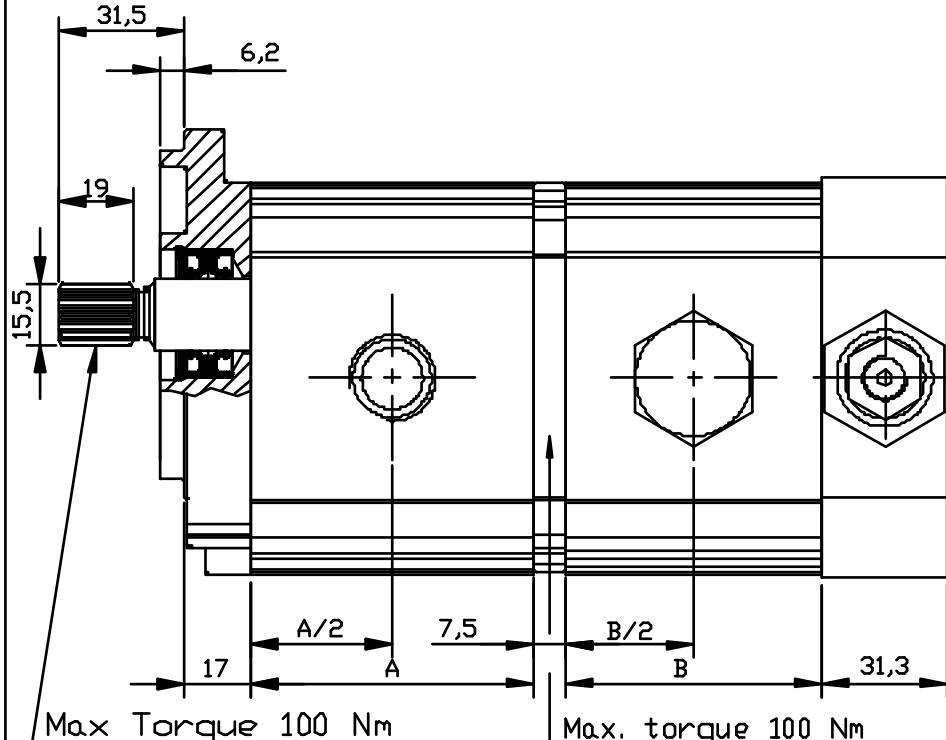
Albero SAE A 9t 16/32 DP

Corpo con bocche filettate (GAS)

Vedi corrispondenti singole

GROUP 2 PUMPS- TANDEM WITH SEQUENCE VALVE HI-LOW

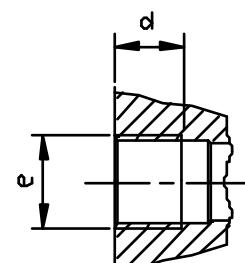
VERSION: G21 S2-SV



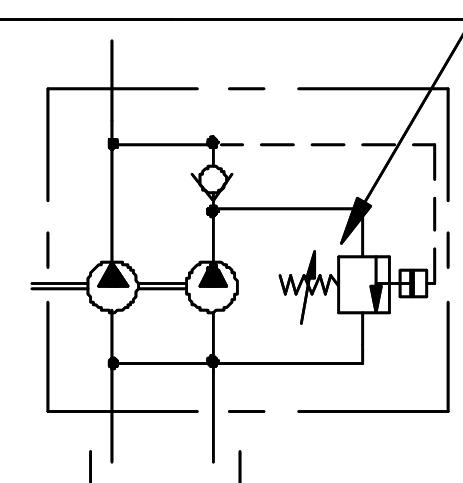
FIRST PUMP			
TYPE	P1	P3	A
DT 200 P04	250	300	48.00
DT 200 P06	250	300	51.00
DT 200 P08	250	300	54.00
DT 200 P11	250	300	58.30
DT 200 P14	240	300	62.30
DT 200 P16	240	300	65.20
DT 200 P20	200	240	71.00
DT 200 P22	170	210	82.70
DT 200 P25	170	210	86.50
			25.10

SECOND PUMP			
TYPE	P1	P3	B
DT 200 P06	250	300	51.00
DT 200 P08	250	300	54.00
DT 200 P11	250	300	58.30
DT 200 P14	240	300	62.30
DT 200 P16	240	300	65.20
DT 200 P20	200	240	71.00
DT 200 P22	170	210	82.70
DT 200 P25	170	210	86.50
			25.10

	e	d	e	d
P04 to P11	G1/2	14	G1/2	14
P14 to P25	G3/4	16		



RANGE 25/100 bar



P1 = WORKING PRESSURE (bar)

P3 = PEAK PRESSURE (bar)

Cy = DISPLACEMENT (cc/rev)

EXAMPLE OF ORDERING CODE

OT200 P 11 / 08 S / G 21 S2 - SV 40

- Series
- Pump
- Front pump displacement
(see above table)
- Second pump displacement
(see above table)
- Rotation
 - S Anti-clockwise
 - D Clockwise

See above correspondent single pumps

- Setting value (bar)
- Sequence valve Hi-Low
- SAE A Flange
- Shaft SAE A - 9t 16/32 DP
- Body with threaded ports (BSP)

POMPE TANDEM - OT200 + OT100

VERSIONE: P-B28 P2

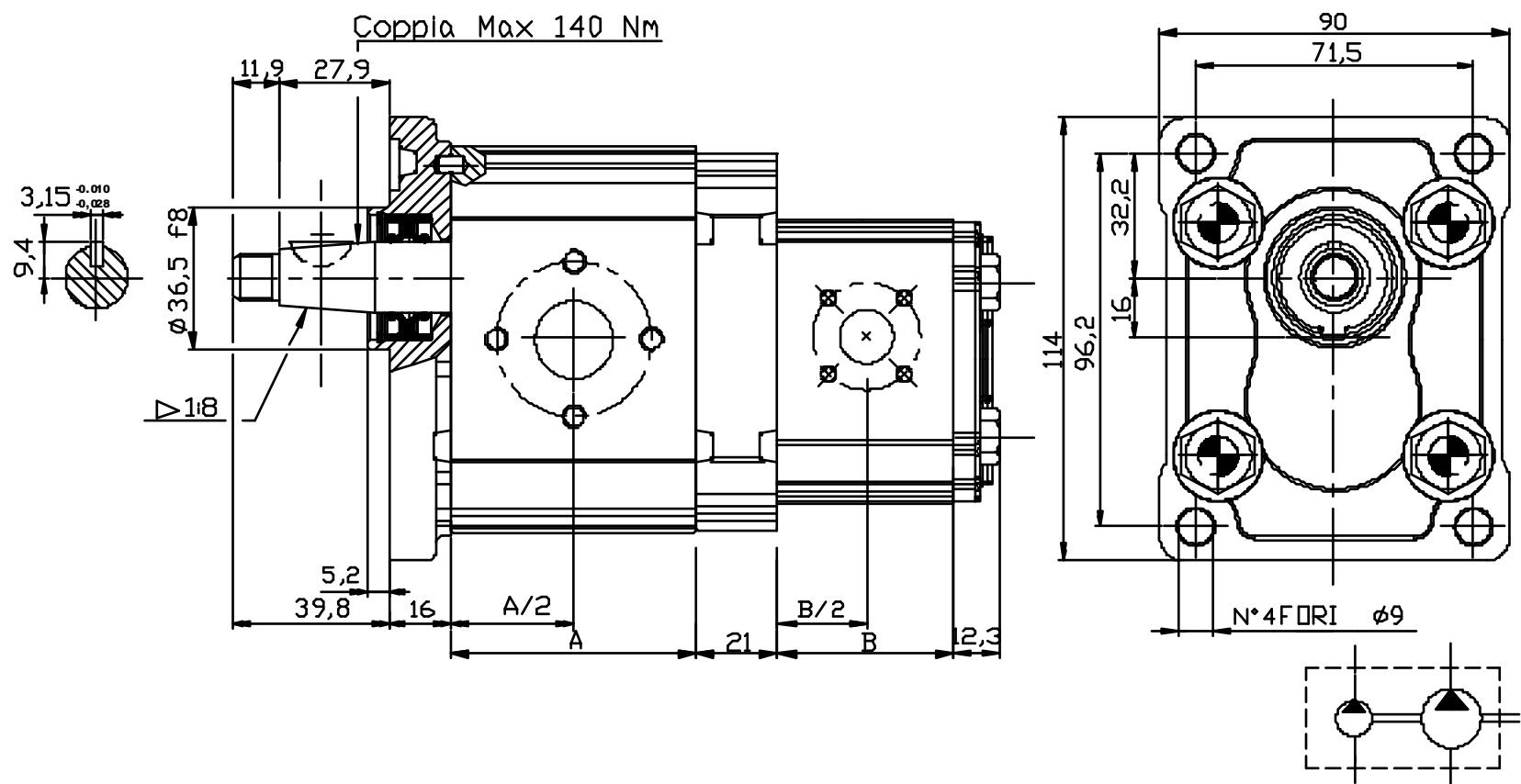


TABELLA OT200

Tipo	Cilindrata (cc/giro)	Dim. A (mm)	Bocca di aspirazione			Bocca di manda		
			ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	48.00	13	30	M6	13	30	M6
OT 200 P06	06,20	51.00	13	30	M6	13	30	M6
OT 200 P08	08,20	54.00	13	30	M6	13	30	M6
OT 200 P11	11,20	58.30	13	30	M6	13	30	M6
OT 200 P14	14,00	62.30	20	40	M8	13	30	M6
OT 200 P16	16,00	65.20	20	40	M8	13	30	M6
OT 200 P20	20,00	71.00	20	40	M8	13	30	M6
OT 200 P22	22,50	82.70	20	40	M8	13	30	M6
OT 200 P25	25,10	86.50	20	40	M8	13	30	M6
OT 200 P28	28,00	90.70	20	40	M8	13	30	M6
OT 200 P30	30,00	93.50	20	40	M8	13	30	M6

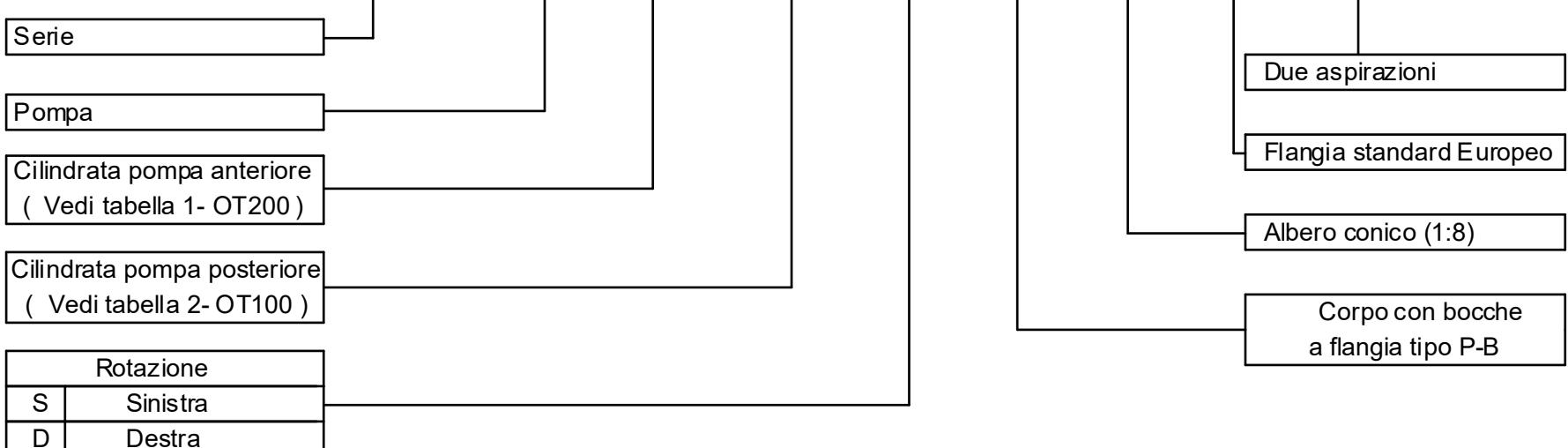
TABELLA OT100

Tipo	Cilindrata (cc/giro)	Dim. B (mm)	Bocca di aspirazione			Bocca di manda		
			ØD	ØA	W	ØD	ØA	W
OT 100 P07	0.73	36.7	13	30	M6	13	30	M6
OT 100 P11	1.05	37.8	13	30	M6	13	30	M6
OT 100 P16	1.55	39.5	13	30	M6	13	30	M6
OT 100 P20	1.90	40.9	13	30	M6	13	30	M6
OT 100 P25	2.50	43.0	20	40	M8	13	30	M6
OT 100 P32	3.10	45.0	20	40	M8	13	30	M6
OT 100 P40	3.80	47.8	20	40	M8	13	30	M6
OT 100 P49	4.70	50.9	20	40	M8	13	30	M6
OT 100 P58	5.55	54.0	20	40	M8	13	30	M6
OT 100 P65	6.25	56.5	20	40	M8	13	30	M6
OT 100 P79	7.60	61.2	20	40	M8	13	30	M6

NOTE: Per definire le relative pressioni di funzionamento
consultare i fogli delle corrispondenti pompe singole.

ESEMPIO DI CODICE D'ORDINAZIONE

OT200/100 P 16 / 32 S / P-B 28 P2 /2



TANDEM PUMPS- OT200+ OT100

VERSION: P-B28 P2

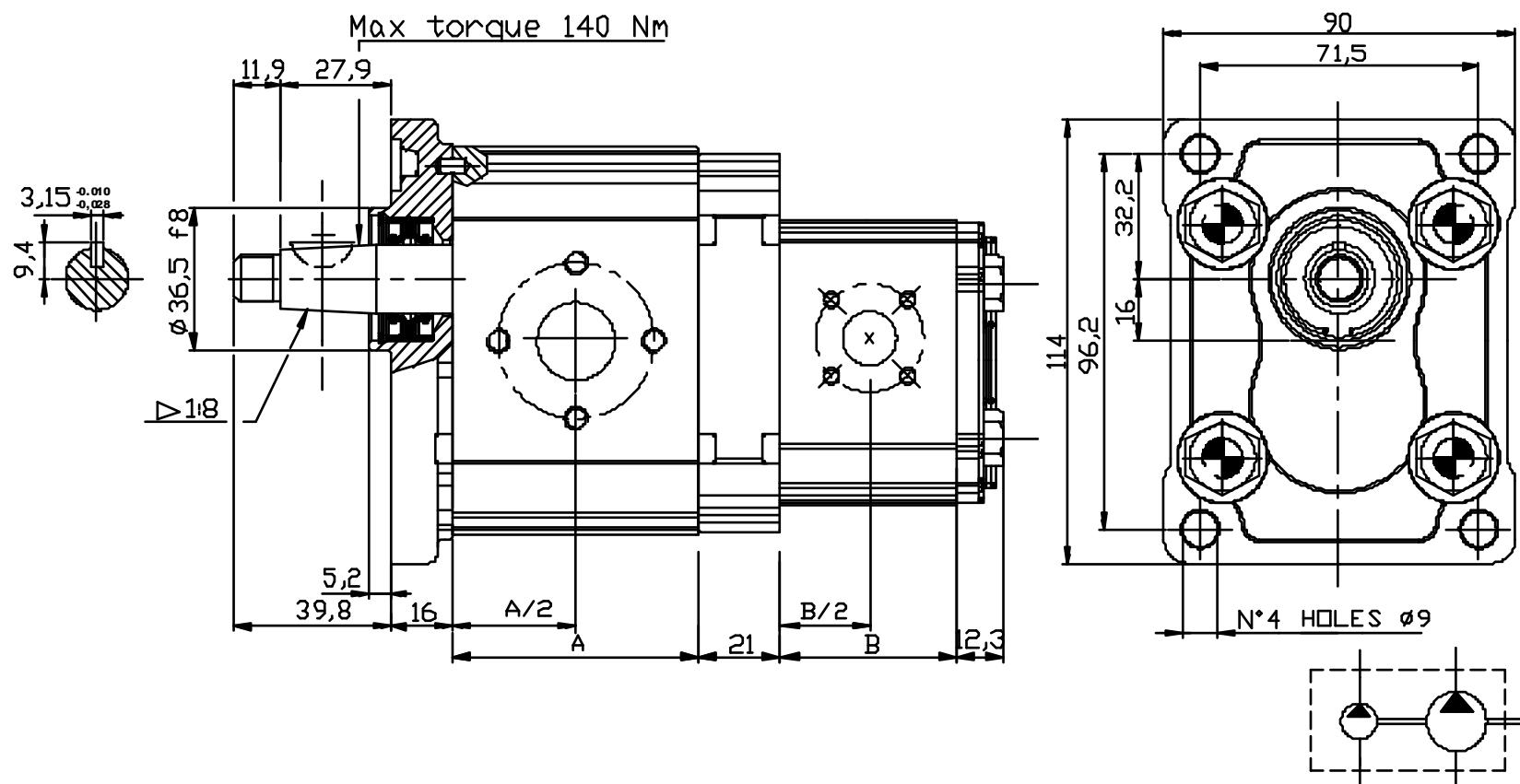


TABLE OT200

Type	Displacement	Dim. A	Inlet port			Outlet port		
	(cc/rev)	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	48.00	13	30	M6	13	30	M6
OT 200 P06	06,20	51.00	13	30	M6	13	30	M6
OT 200 P08	08,20	54.00	13	30	M6	13	30	M6
OT 200 P11	11,20	58.30	13	30	M6	13	30	M6
OT 200 P14	14,00	62.30	20	40	M8	13	30	M6
OT 200 P16	16,00	65.20	20	40	M8	13	30	M6
OT 200 P20	20,00	71.00	20	40	M8	13	30	M6
OT 200 P22	22,50	82.70	20	40	M8	13	30	M6
OT 200 P25	25,10	86.50	20	40	M8	13	30	M6
OT 200 P28	28,00	90.70	20	40	M8	13	30	M6
OT 200 P30	30,00	93.50	20	40	M8	13	30	M6

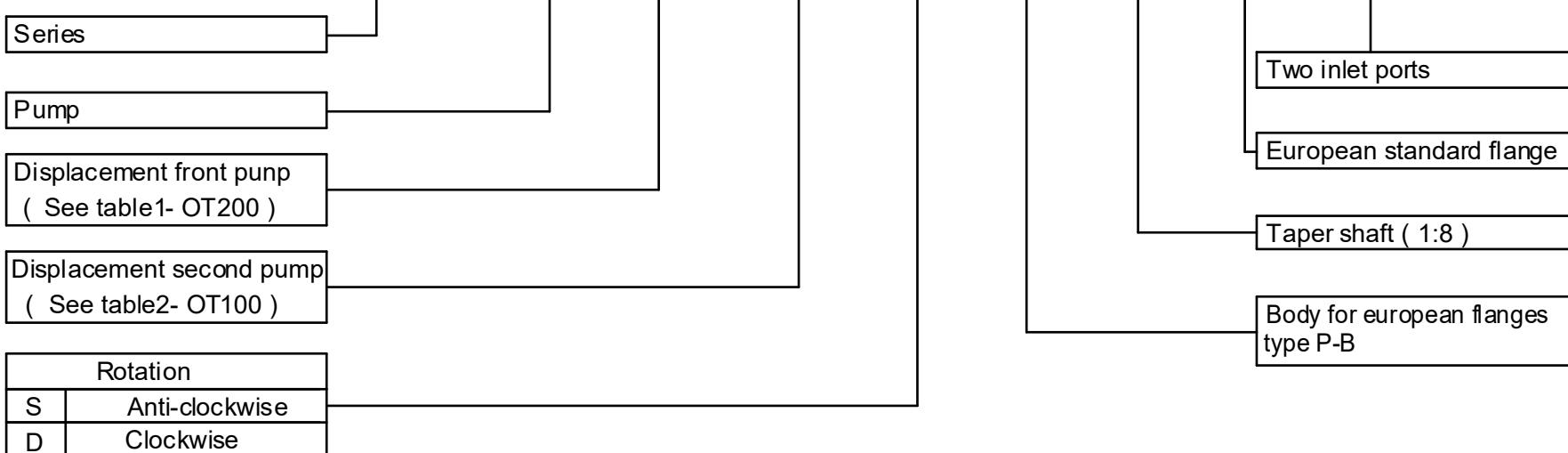
TABLE OT100

	Displacement	Dim. B	Inlet port			Outlet port		
	(cc/rev)	(mm)	ØD	ØA	W	ØD	ØA	W
OT 100 P07	0.73	36.7	13	30	M6	13	30	M6
OT 100 P11	1.05	37.8	13	30	M6	13	30	M6
OT 100 P16	1.55	39.5	13	30	M6	13	30	M6
OT 100 P20	1.90	40.9	13	30	M6	13	30	M6
OT 100 P25	2.50	43.0	20	40	M8	13	30	M6
OT 100 P32	3.10	45.0	20	40	M8	13	30	M6
OT 100 P40	3.80	47.8	20	40	M8	13	30	M6
OT 100 P49	4.70	50.9	20	40	M8	13	30	M6
OT 100 P58	5.55	54.0	20	40	M8	13	30	M6
OT 100 P65	6.25	56.5	20	40	M8	13	30	M6
OT 100 P79	7.60	61.2	20	40	M8	13	30	M6

NOTE: Define relative working and peak pressure
consulting relative single pump table.

EXAMPLE OF ORDERING CODE

OT200/100 P 16 / 32 S / P-B 28 P2 /2



POMPE TANDEM - OT200 + OT100

VERSIONE: G28 P2

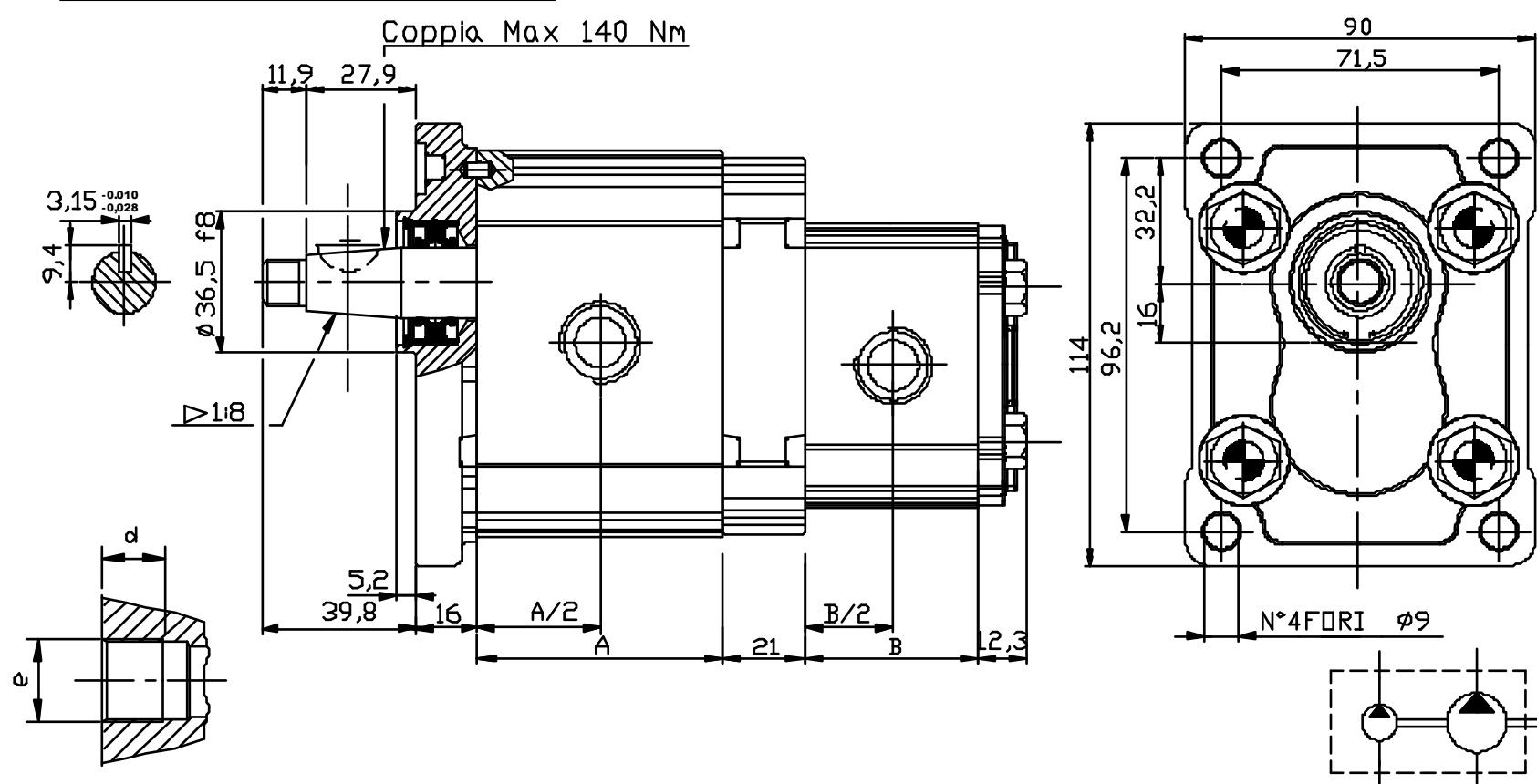


TABELLA OT200

Tipo	Cilindrata (cc/giro)	Dim. A (mm)	Bocca di aspirazione		Bocca di mandata	
			e	d	e	d
OT 200 P04	04,10	48.00	G1/2	14	G1/2	14
OT 200 P06	06,20	51.00	G1/2	14	G1/2	14
OT 200 P08	08,20	54.00	G1/2	14	G1/2	14
OT 200 P11	11,20	58.30	G1/2	14	G1/2	14
OT 200 P14	14,00	62.30	G3/4	16	G1/2	14
OT 200 P16	16,00	65.20	G3/4	16	G1/2	14
OT 200 P20	20,00	71.00	G3/4	16	G1/2	14
OT 200 P22	22,50	82.70	G3/4	16	G1/2	14
OT 200 P25	25,10	86.50	G3/4	16	G1/2	14
OT 200 P28	28,00	90.70	G3/4	16	G1/2	14
OT 200 P30	30,00	93.50	G3/4	16	G1/2	16

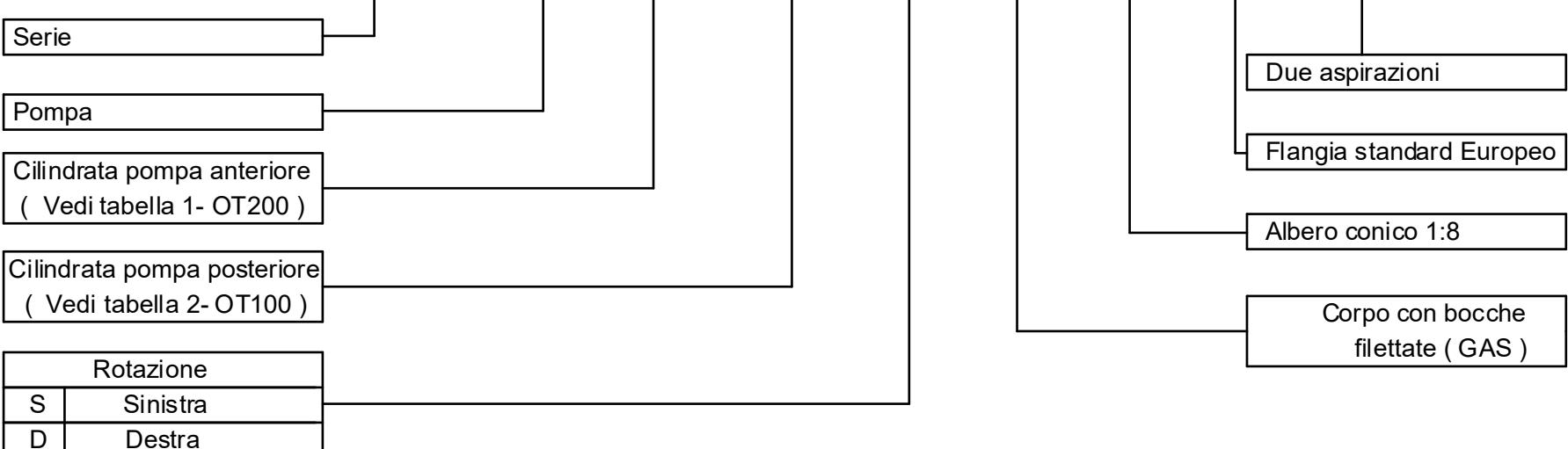
TABELLA OT100

Tipo	Cilindrata (cc/giro)	Dim. B (mm)	Bocca di aspirazione		Bocca di mandata	
			e	d	e	d
OT 100 P07	0.73	36.7	G3/8	14	G3/8	14
OT 100 P11	1.05	37.8	G3/8	14	G3/8	14
OT 100 P16	1.55	39.5	G3/8	14	G3/8	14
OT 100 P20	1.90	40.9	G3/8	14	G3/8	14
OT 100 P25	2.50	43.0	G3/8	14	G3/8	14
OT 100 P32	3.10	45.0	G3/8	14	G3/8	14
OT 100 P40	3.80	47.8	G3/8	14	G3/8	14
OT 100 P49	4.70	50.9	G3/8	14	G3/8	14
OT 100 P58	5.55	54.0	G1/2	14	G3/8	14
OT 100 P65	6.25	56.5	G1/2	14	G3/8	14
OT 100 P79	7.60	61.2	G1/2	14	G3/8	14

NOTE: Per definire le relative pressioni di funzionamento
consultare i fogli delle corrispondenti pompe singole.

ESEMPIO DI CODICE D'ORDINAZIONE

OT200/100 P 16 / 32 S / G 28 P2 /2



TANDEM PUMPS- OT200+ OT100

VERSION: G28 P2

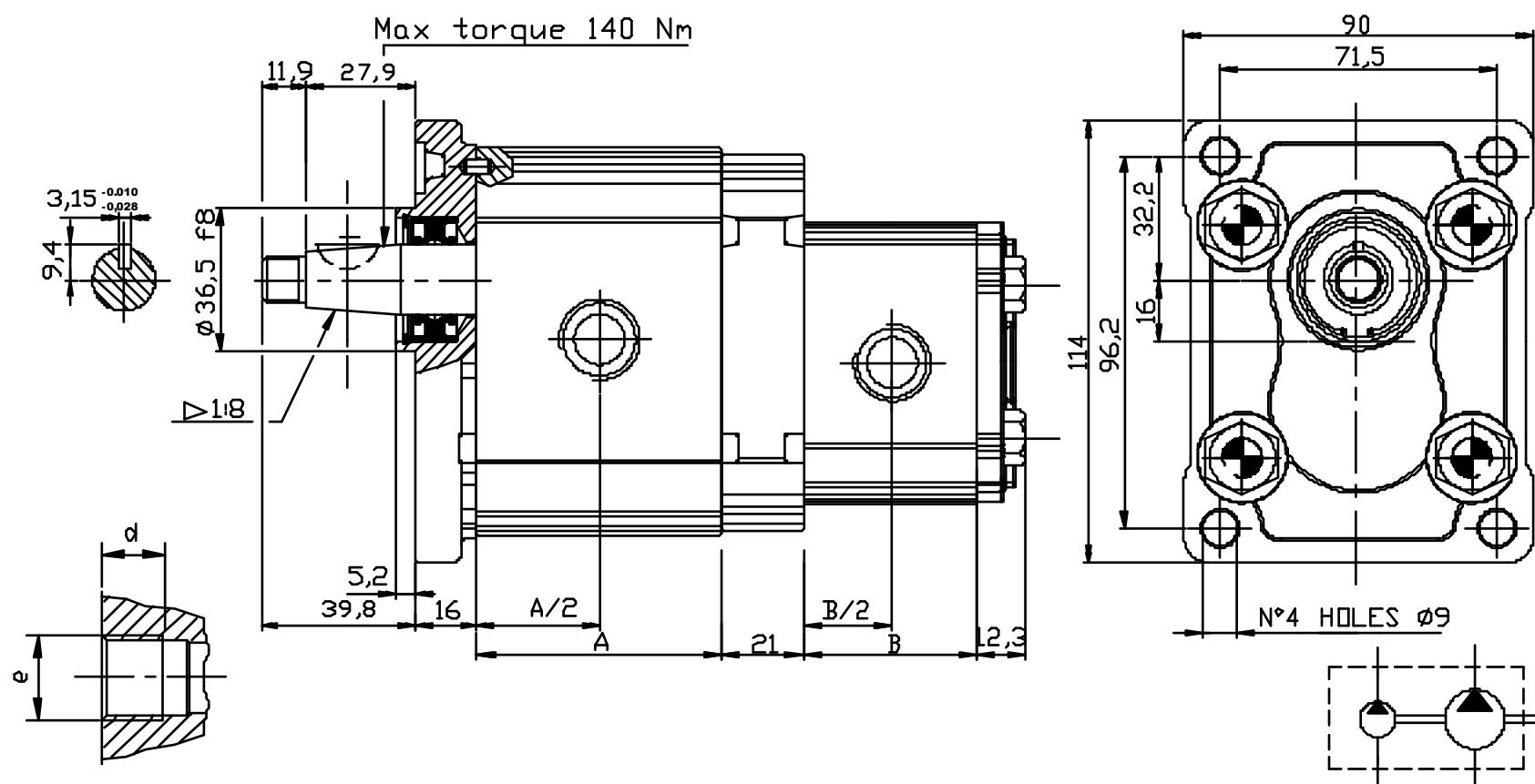


TABLE OT200

Type	Displacement	Dim. A	Inlet port	Outlet port		
	(cc/rev)	(mm)	e	d	e	d
OT 200 P04	04,10	48.00	G1/2	14	G1/2	14
OT 200 P06	06,20	51.00	G1/2	14	G1/2	14
OT 200 P08	08,20	54.00	G1/2	14	G1/2	14
OT 200 P11	11,20	58.30	G1/2	14	G1/2	14
OT 200 P14	14,00	62.30	G3/4	16	G1/2	14
OT 200 P16	16,00	65.20	G3/4	16	G1/2	14
OT 200 P20	20,00	71.00	G3/4	16	G1/2	14
OT 200 P22	22,50	82.70	G3/4	16	G1/2	14
OT 200 P25	25,10	86.50	G3/4	16	G1/2	14
OT 200 P28	28,00	90.70	G3/4	16	G1/2	14
OT 200 P30	30,00	93.50	G3/4	16	G1/2	14

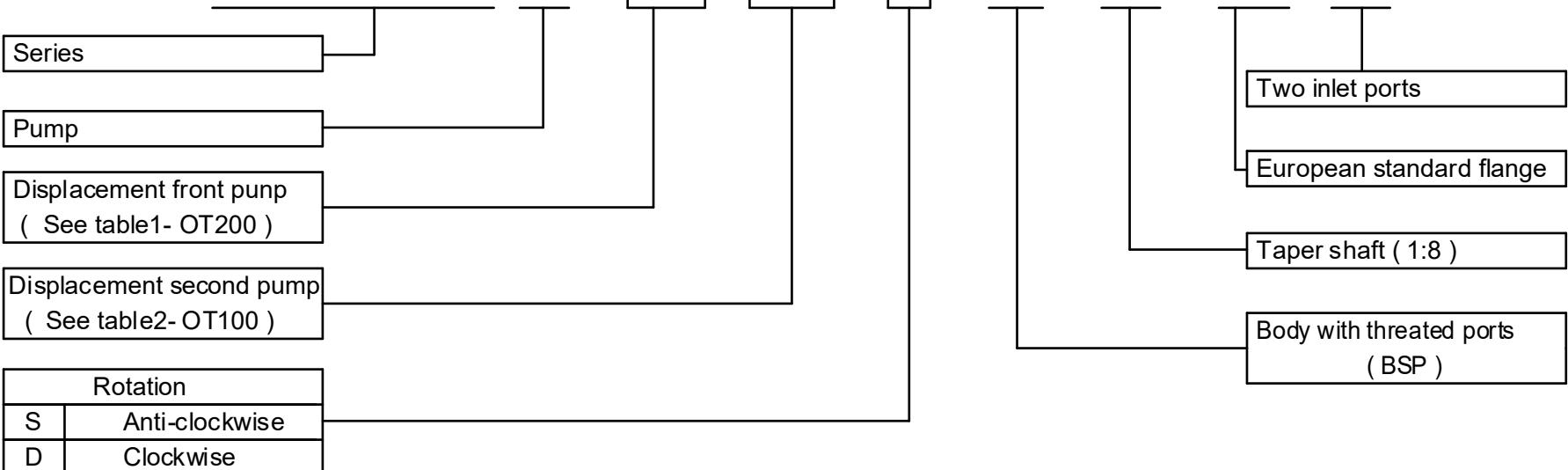
TABLE OT100

	Displacement (cc/rev)	Dim. B (mm)	Inlet port		Outlet port	
			e	d	e	d
OT 100 P07	0.73	36.7	G3/8	14	G3/8	14
OT 100 P11	1.05	37.8	G3/8	14	G3/8	14
OT 100 P16	1.55	39.5	G3/8	14	G3/8	14
OT 100 P20	1.90	40.9	G3/8	14	G3/8	14
OT 100 P25	2.50	43.0	G3/8	14	G3/8	14
OT 100 P32	3.10	45.0	G3/8	14	G3/8	14
OT 100 P40	3.80	47.8	G3/8	14	G3/8	14
OT 100 P49	4.70	50.9	G3/8	14	G3/8	14
OT 100 P58	5.55	54.0	G1/2	14	G3/8	14
OT 100 P65	6.25	56.5	G1/2	14	G3/8	14
OT 100 P79	7.60	61.2	G1/2	14	G3/8	14

NOTE: Define relative working and peak pressure consulting relative single pump table.

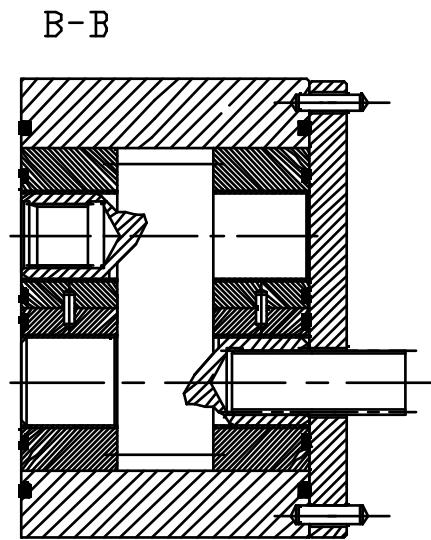
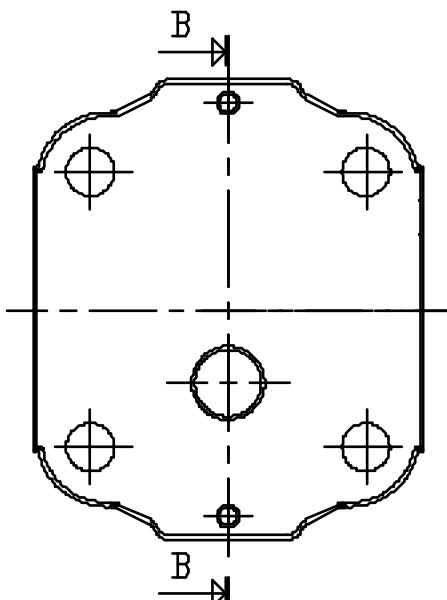
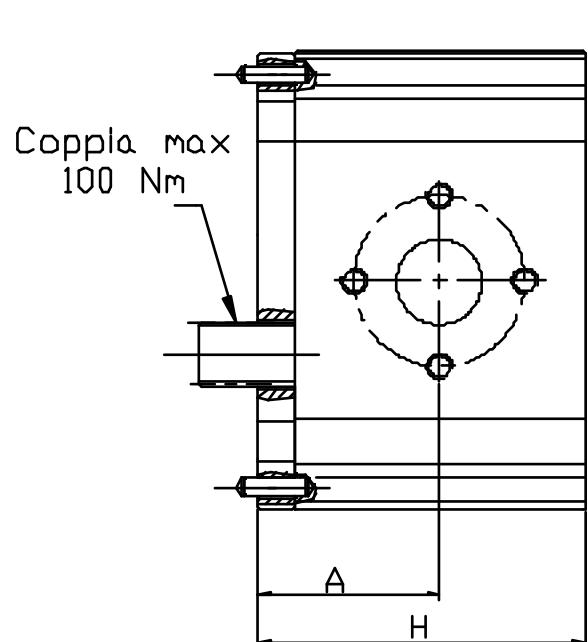
EXAMPLE OF ORDERING CODE

OT200/100 P 16 / 32 S / G 28 P2 /2

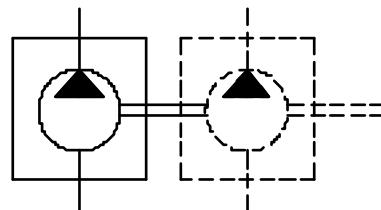


POMPE GRUPPO 2 INTERMEDI PER TANDEM

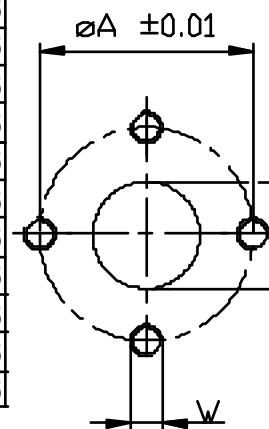
VERSIONE: P XX INTERMEDIA



NOTE : Coppia di serraggio viti 48 Nm



Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione H		Bocca di aspirazione		Bocca di mandata			
					A	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	55.50	31.50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	58.50	33.00	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	61.50	34.50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	65.80	36.65	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	69.80	36.65	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	72.70	40.10	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	78.50	43.00	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	90.20	48.85	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	94.00	50.75	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	98.20	52.85	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	101.00	54.25	20	40	M8	13	30	M6



ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / P XX INTERMEDIA

Serie

Pompa

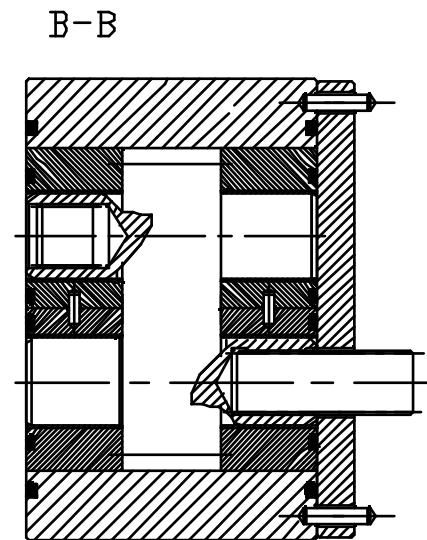
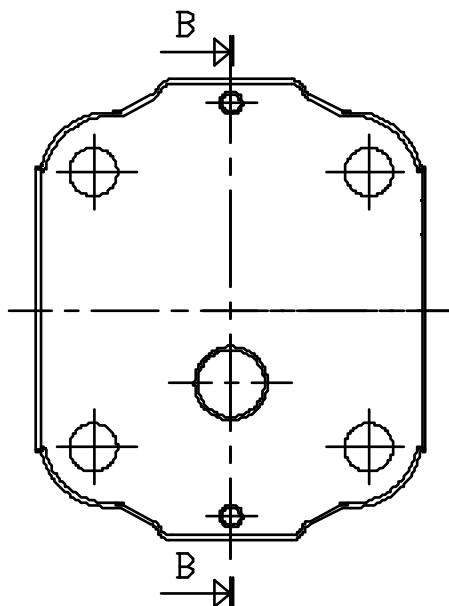
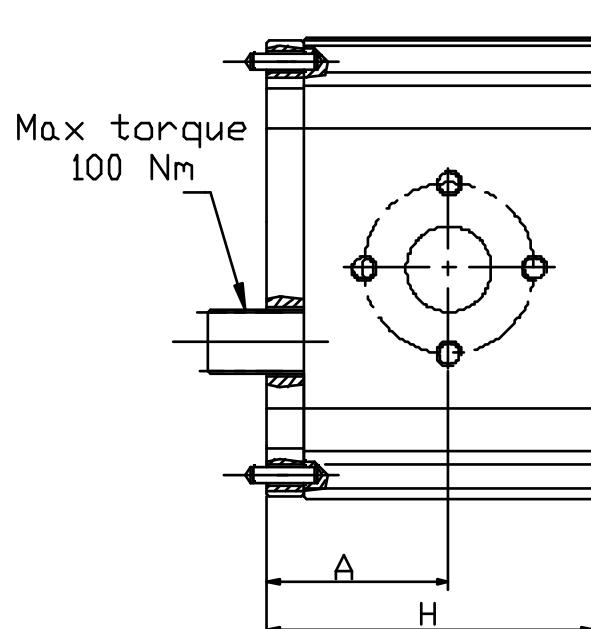
Cilindrata (vedere tabella)

Rotazione	
S	Sinistra
D	Destra

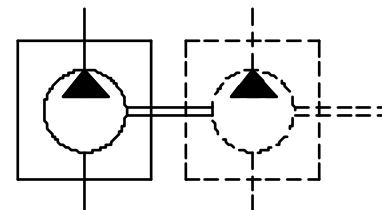
Corpo con bocche a flangia

INTERMEDIATE GROUP 2 PUMPS FOR TANDEM UNITS

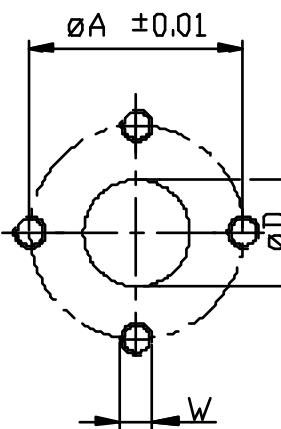
VERSION : P XX INTERMEDIATE



NOTE : Screw tightening torque 48 Nm

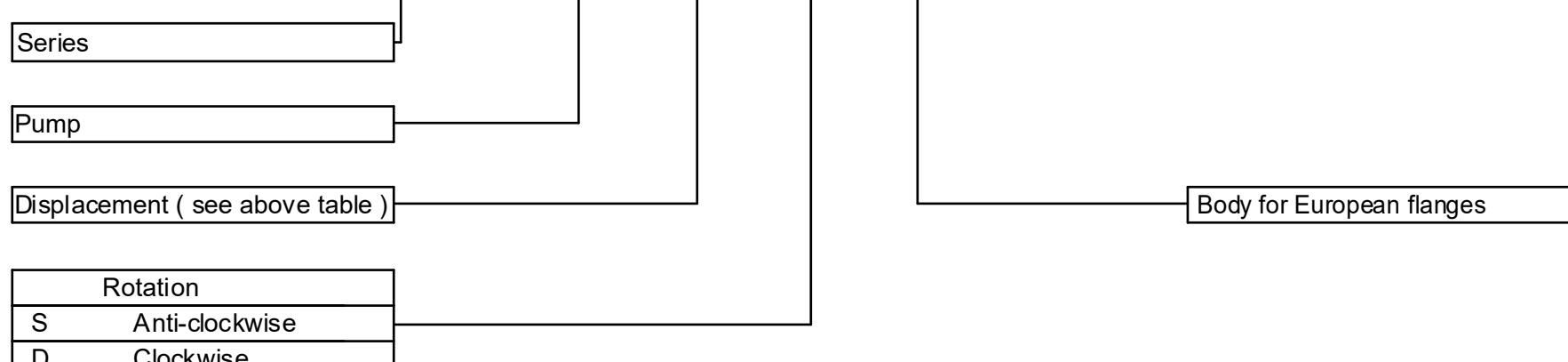


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension H		Inlet port			Outlet port		
					A	(mm)	ØD	ØA	W	ØD	ØA	W
OT 200 P04	04,10	250	300	4000	55.50	31.50	13	30	M6	13	30	M6
OT 200 P06	06,20	250	300	3500	58.50	33.00	13	30	M6	13	30	M6
OT 200 P08	08,20	250	300	3500	61.50	34.50	13	30	M6	13	30	M6
OT 200 P11	11,20	250	300	3500	65.80	36.65	13	30	M6	13	30	M6
OT 200 P14	14,00	240	300	3000	69.80	36.65	20	40	M8	13	30	M6
OT 200 P16	16,00	240	300	3000	72.70	40.10	20	40	M8	13	30	M6
OT 200 P20	20,00	200	240	3000	78.50	43.00	20	40	M8	13	30	M6
OT 200 P22	22,50	170	210	2500	90.20	48.85	20	40	M8	13	30	M6
OT 200 P25	25,10	170	210	2500	94.00	50.75	20	40	M8	13	30	M6
OT 200 P28	28,00	140	180	2500	98.20	52.85	20	40	M8	13	30	M6
OT 200 P30	30,00	130	170	2000	101.00	54.25	20	40	M8	13	30	M6



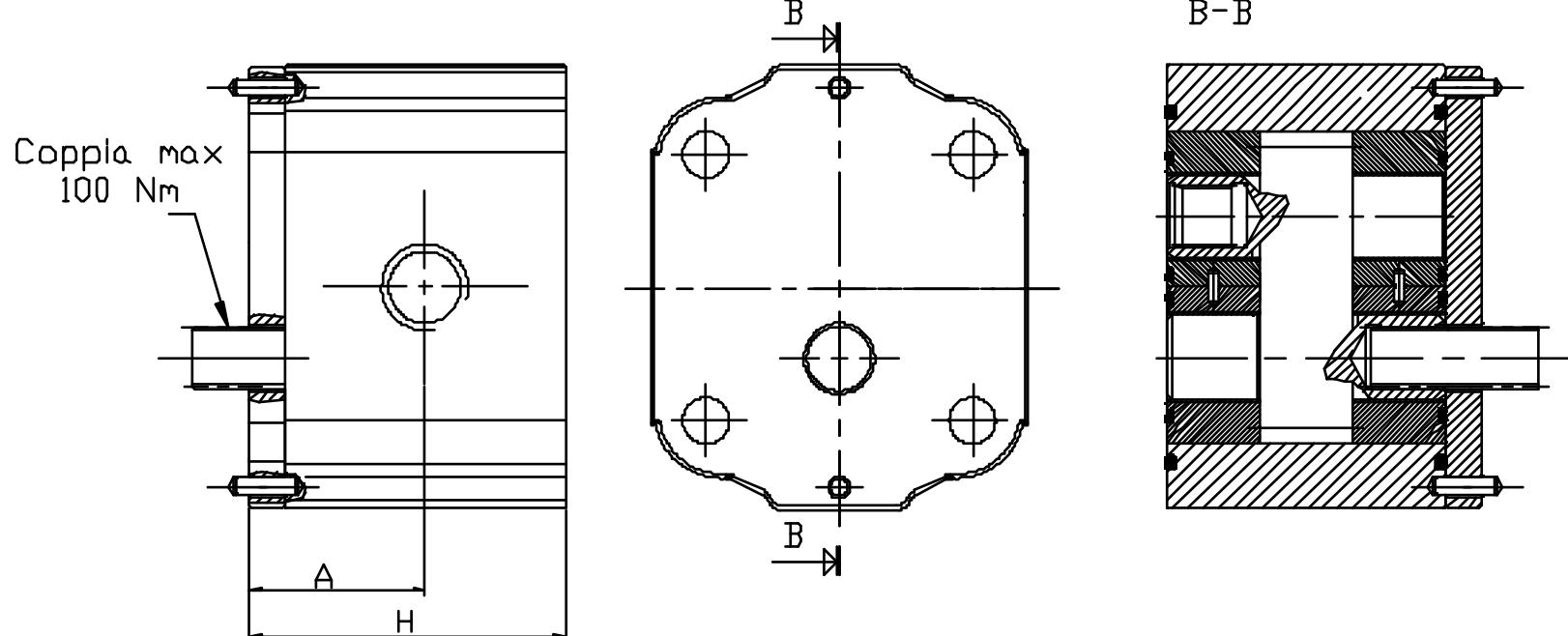
EXAMPLE OF ORDERING CODE

OT200 P 08 S / P XX INTERMEDIATE



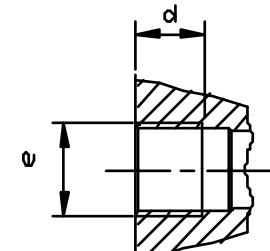
POMPE GRUPPO 2 INTERMEDI PER TANDEM

VERSIONE: G X X INTERMEDIA



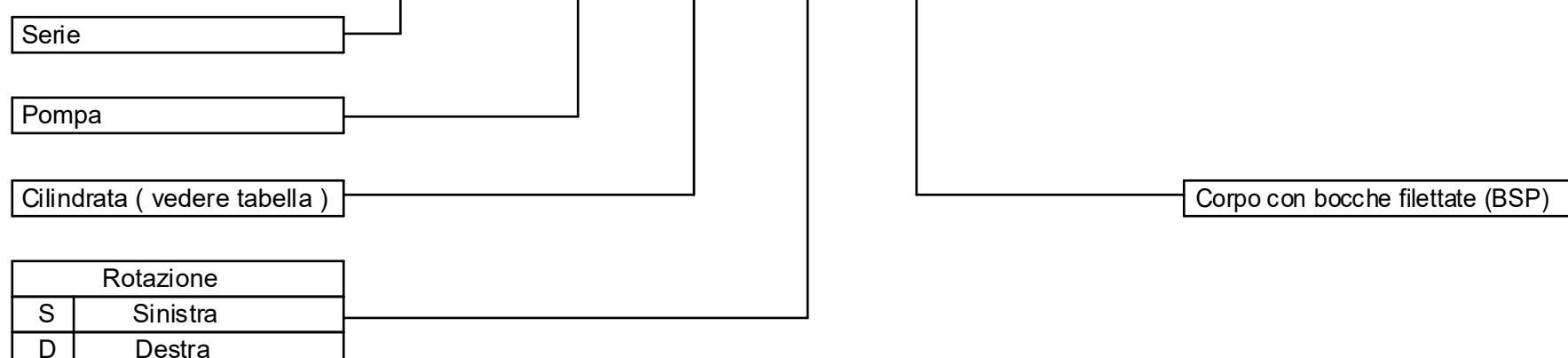
NOTE : Coppia di serraggio viti 48 Nm

Tipo	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione H A (mm)		Bocca di aspirazione		Bocca di mandata	
					H	A	e	d	e	d
OT 200 P04	04,10	250	300	4000	55.50	31.50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	58.50	33.00	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	61.50	34.50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	65.80	36.65	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	69.80	36.65	G3/4	16	G3/4	16
OT 200 P16	16,00	240	300	3000	72.70	40.10	G3/4	16	G3/4	16
OT 200 P20	20,00	200	240	3000	78.50	43.00	G3/4	16	G3/4	16
OT 200 P22	22,50	170	210	2500	90.20	48.85	G3/4	16	G3/4	16
OT 200 P25	25,10	170	210	2500	94.00	50.75	G3/4	16	G3/4	16
OT 200 P28	28,00	140	180	2500	98.20	52.85	G3/4	16	G3/4	16
OT 200 P30	30,00	130	170	2000	101.00	54.25	G3/4	16	G3/4	16



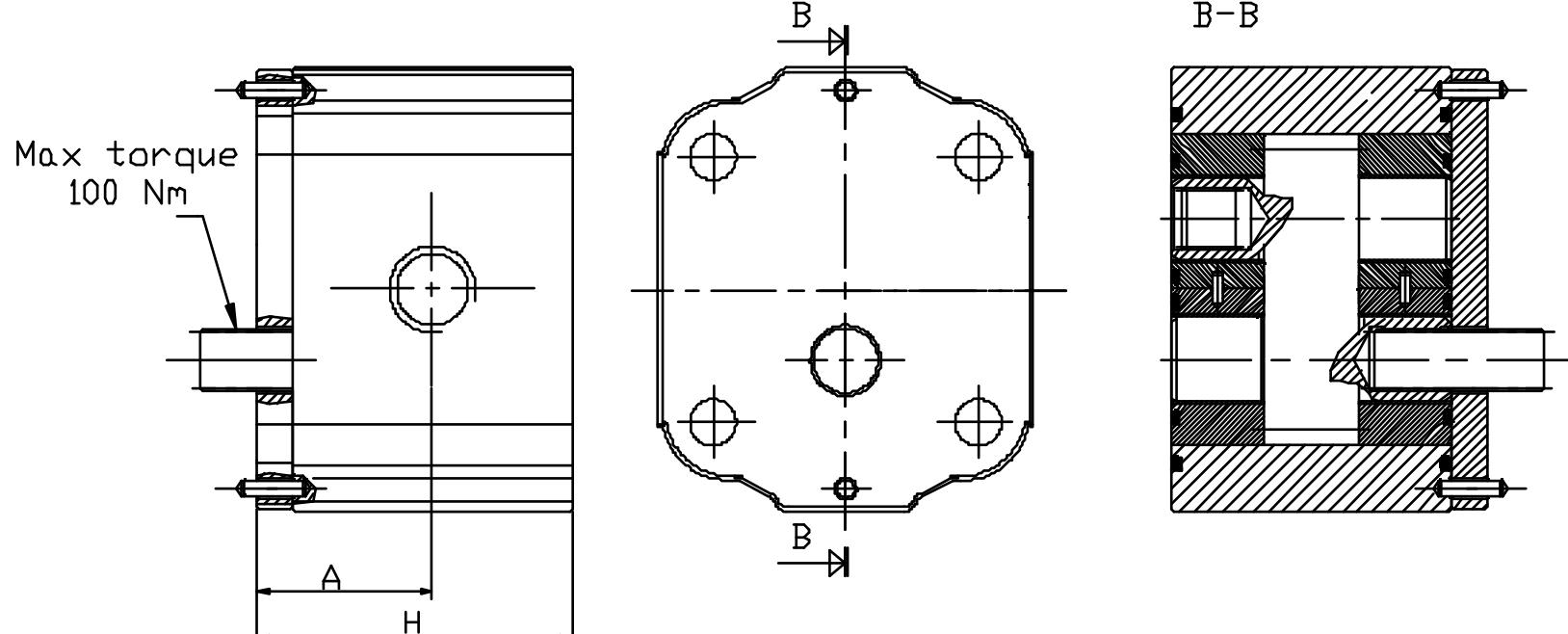
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 P 08 S / G X X INTERMEDIA



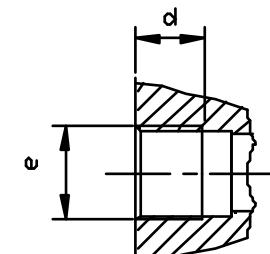
INTERMEDIATE GROUP 2 PUMPS FOR TANDEM UNITS

VERSION : G X X INTERMEDIATE



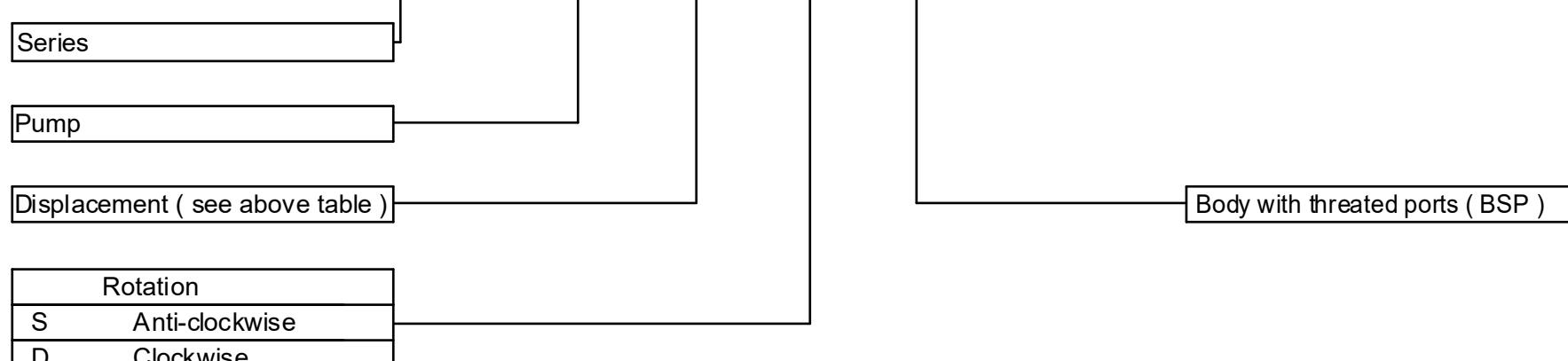
NOTE : Screw tightening torque 48 Nm

Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (r.p.m)	Dimension H		Inlet port		Outlet port	
					A	(mm)	e	d	e	d
OT 200 P04	04,10	250	300	4000	55.50	31.50	G1/2	14	G1/2	14
OT 200 P06	06,20	250	300	3500	58.50	33.00	G1/2	14	G1/2	14
OT 200 P08	08,20	250	300	3500	61.50	34.50	G1/2	14	G1/2	14
OT 200 P11	11,20	250	300	3500	65.80	36.65	G1/2	14	G1/2	14
OT 200 P14	14,00	240	300	3000	69.80	36.65	G3/4	16	G3/4	16
OT 200 P16	16,00	240	300	3000	72.70	40.10	G3/4	16	G3/4	16
OT 200 P20	20,00	200	240	3000	78.50	43.00	G3/4	16	G3/4	16
OT 200 P22	22,50	170	210	2500	90.20	48.85	G3/4	16	G3/4	16
OT 200 P25	25,10	170	210	2500	94.00	50.75	G3/4	16	G3/4	16
OT 200 P28	28,00	140	180	2500	98.20	52.85	G3/4	16	G3/4	16
OT 200 P30	30,00	130	170	2000	101.00	54.25	G3/4	16	G3/4	16



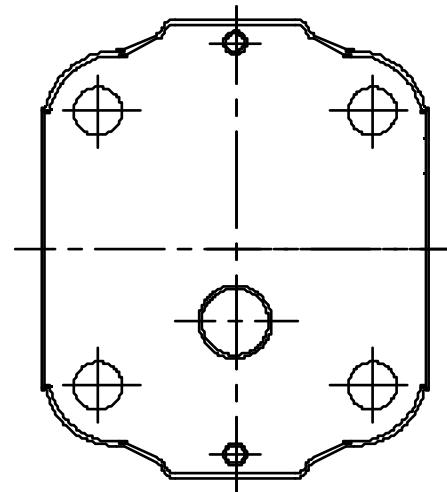
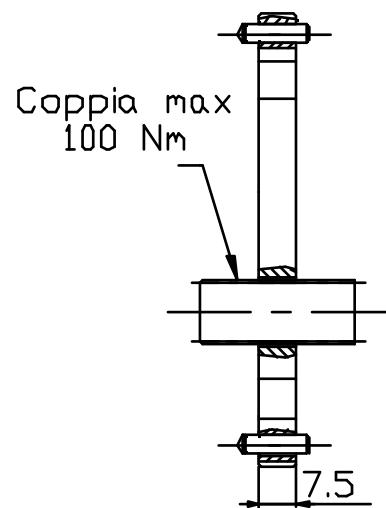
EXAMPLE OF ORDERING CODE

OT200 P 08 S / G X X INTERMEDIATE



COMPONENTI PER POMPE GRUPPO 2 TANDEM

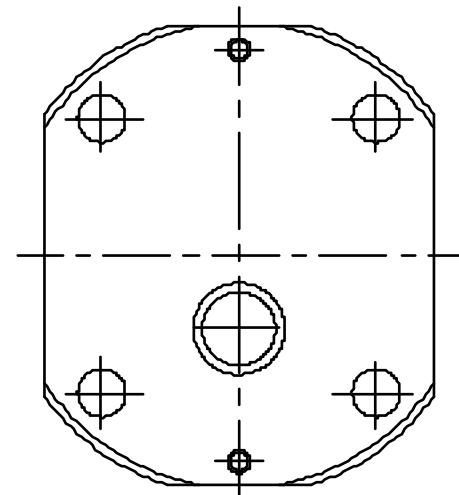
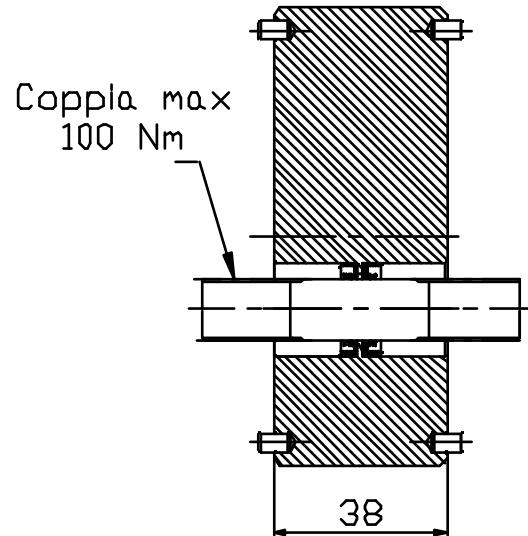
KIT MONTAGGIO OT200+OT200



NOTE : Coppia di serraggio viti 48 Nm

CODICE D'ORDINAZIONE: PS20370001

KIT MONTAGGIO OT200+OT200 PER STADI SEPARATI

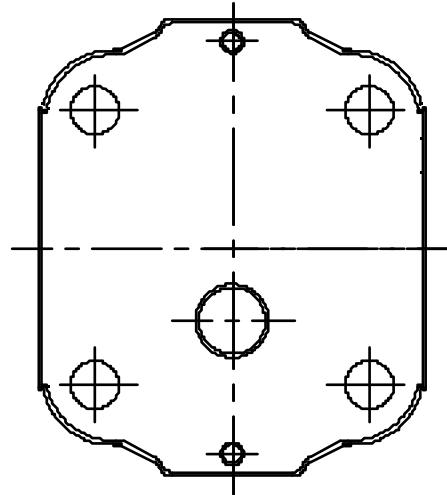
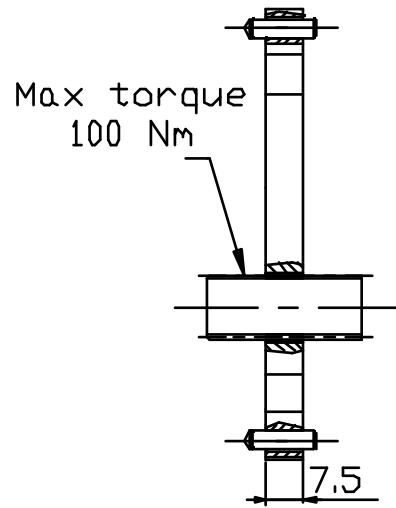


NOTE : Coppia di serraggio viti 48 Nm

CODICE D'ORDINAZIONE: PS20370050

COMPONENTS FOR GROUP2 TANDEM PUMPS

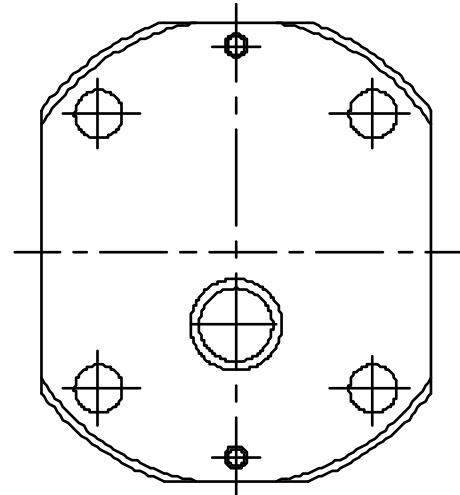
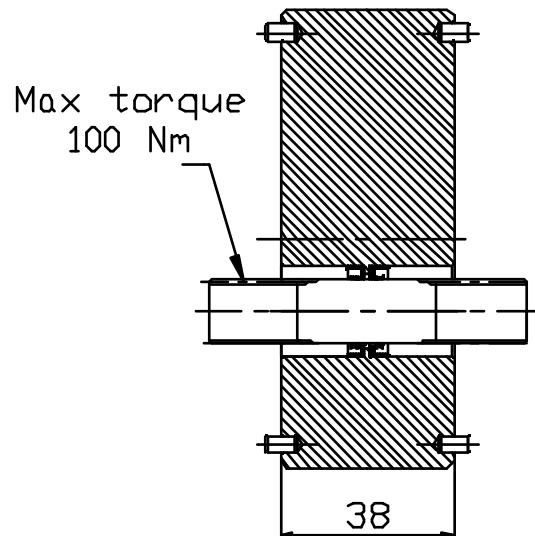
OT 200+OT200 MOUNTING KIT



NOTE : Screw tightening torque 48 Nm

ORDERING CODE: PS20370001

OT200+OT200 MOUNTING KIT FOR SEPARATE UNITS



NOTE : Screw tightening torque 48 Nm

ORDERING CODE: PS20370050

MOTORI GRUPPO 2

PARAMETRI DI FUNZIONAMENTO MOTORI UNIDIREZIONALI OT200

MOTORE TIPO	CILINDRATA	PRESSIONE MAX.			VELOCITA' MAX	VELOCITA' MIN
		P1	P2	P3		
	cm ³ / giro	bar			giri/min	giri/min
OT200 M04	4.1	230	260	280	4000	
OT200 M06	6.2					600
OT200 M08	8.2					
OT200 M11	11.2	250	280	300	3500	
OT200 M14	14.0					
OT200 M16	16.0				3000	
OT200 M20	20.0	200	220	240		
OT200 M22	22.5	170	190	210	2500	500
OT200 M25	25.1					
OT200 M28	28.0	130	150	170	2000	
OT200 M30	30.0					

P1= Pressione max. continua

P2= Pressione max. intermittente

P3= Pressione max. di punta

**PER LE DIMENSIONI GEOMETRICHE CONSULTARE
I DATI TECNICI DELLE RISPETTIVE POMPE SINGOLE**

GROUP2 MOTORS

OT200 SINGLE ROTATION MOTORS GENERAL DATA

MOTOR TYPE	DISPLACEMENT cc / rev	MAX. PRESSURE			MAX. SPEED rpm	MIN. SPEED rpm
		P1	P2	P3		
		bar				
OT200 M04	4.1	230	260	280	4000	600
OT200 M06	6.2					
OT200 M08	8.2					
OT200 M11	11.2	250	280	300		
OT200 M14	14.0					
OT200 M16	16.0					
OT200 M20	20.0	200	220	240		500
OT200 M22	22.5	170	190	210		
OT200 M25	25.1					
OT200 M28	28.0	130	150	170		
OT200 M30	30.0				2000	

P1= Max. continuous pressure

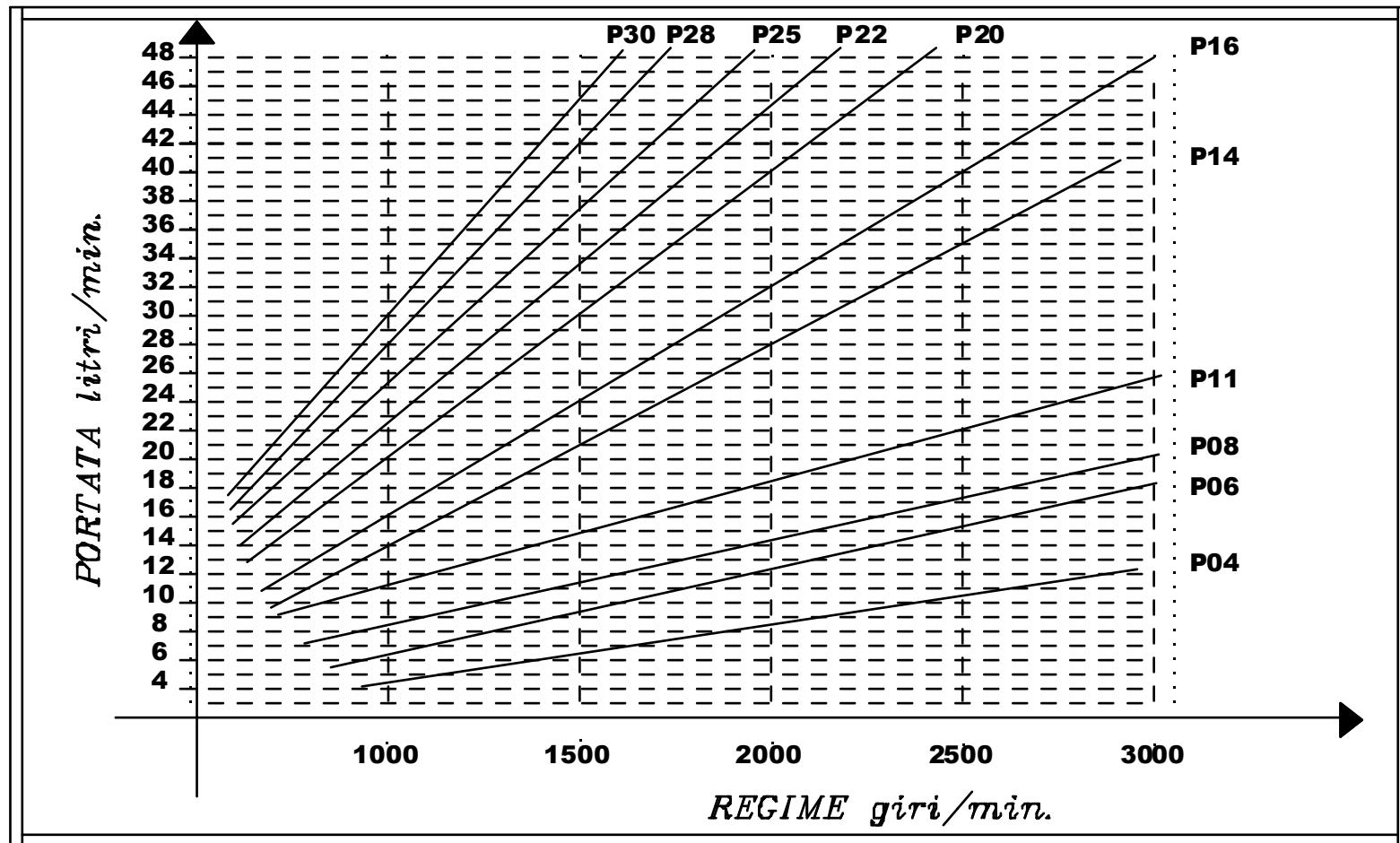
P2= Max. intermittent pressure

P3= Max. peak pressure

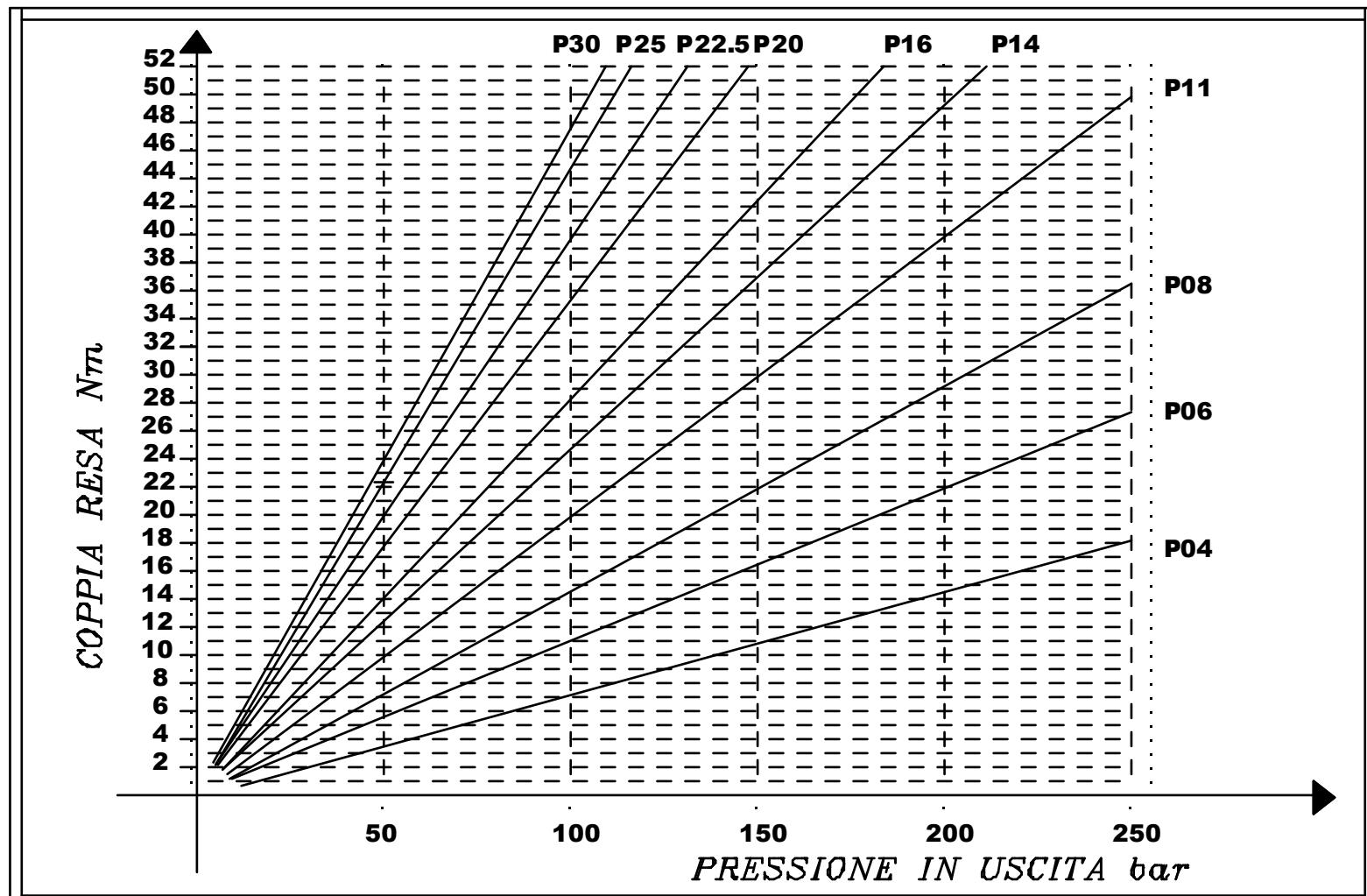
**FOR DIMENSION PLEASE CHECK
RELATIVE SINGLE PUMP TABLES**

MOTORI GRUPPO 2

CURVE CARATTERISTICHE DI PORTATA



COPPIA RESA

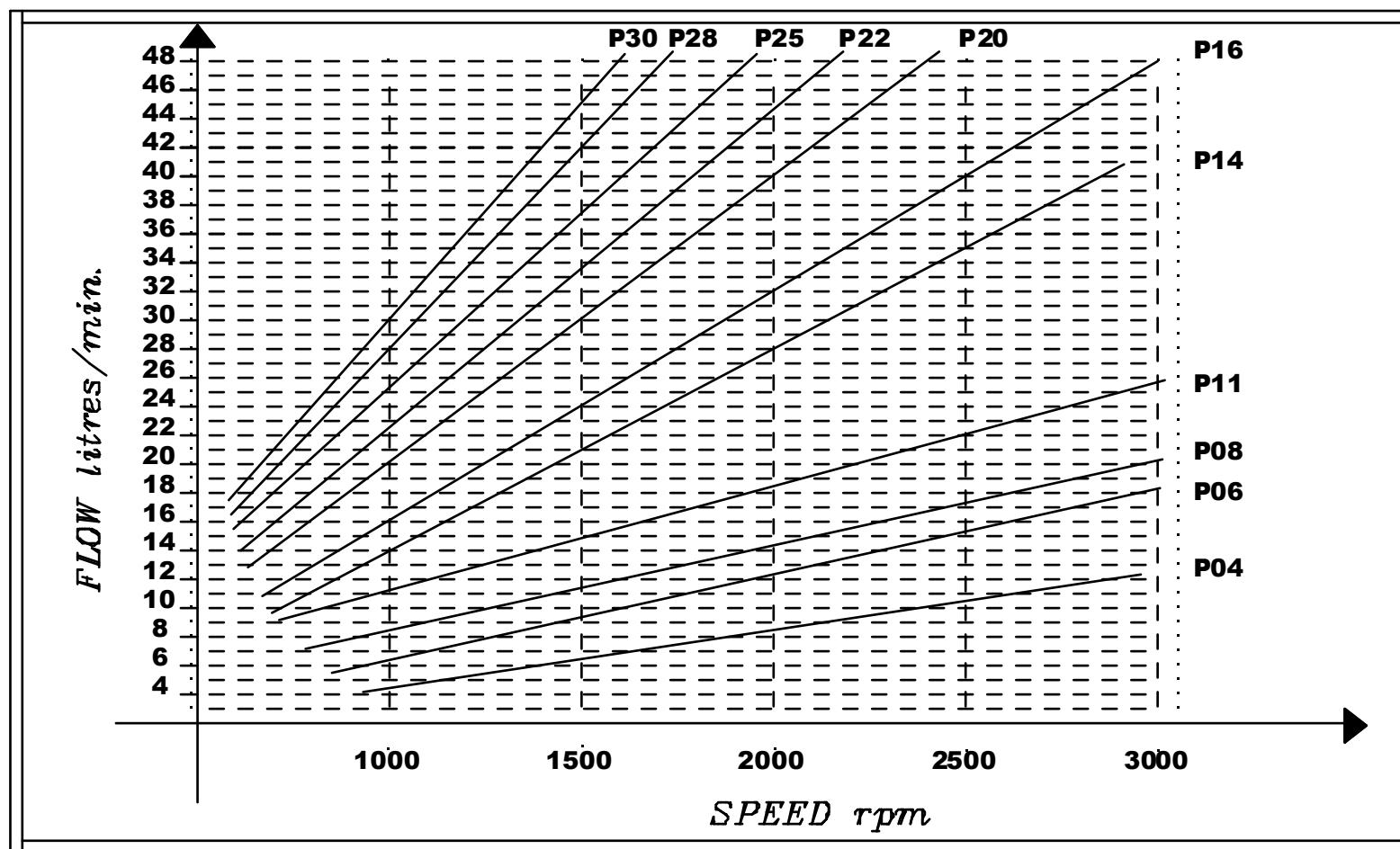


NOTE

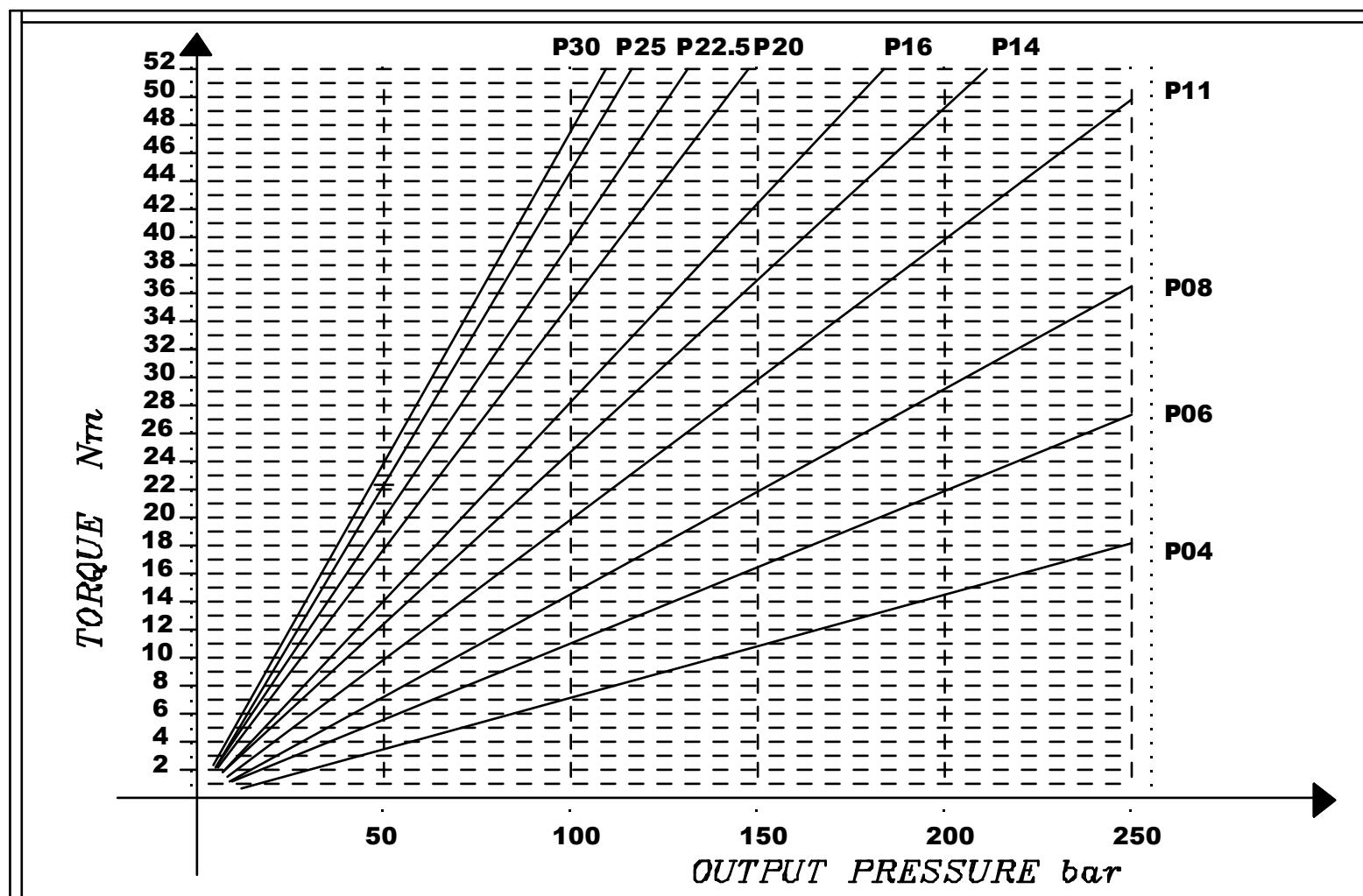
Le curve caratteristiche di portata sono state tracciate alla pressione P1

GROUP 2 MOTORS

FLOW CHARACTERISTICS CURVES



ABSORBED TORQUE



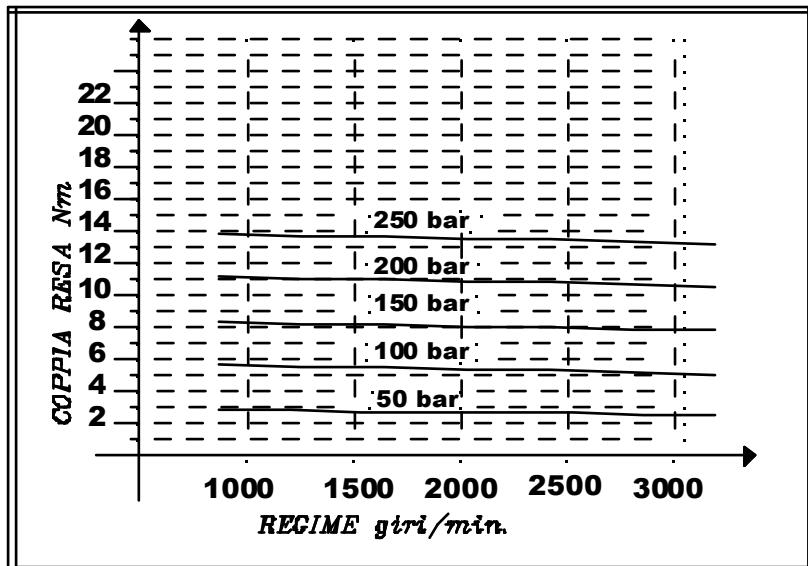
NOTE

The flow characteristics curves have been made at P1 pressure.

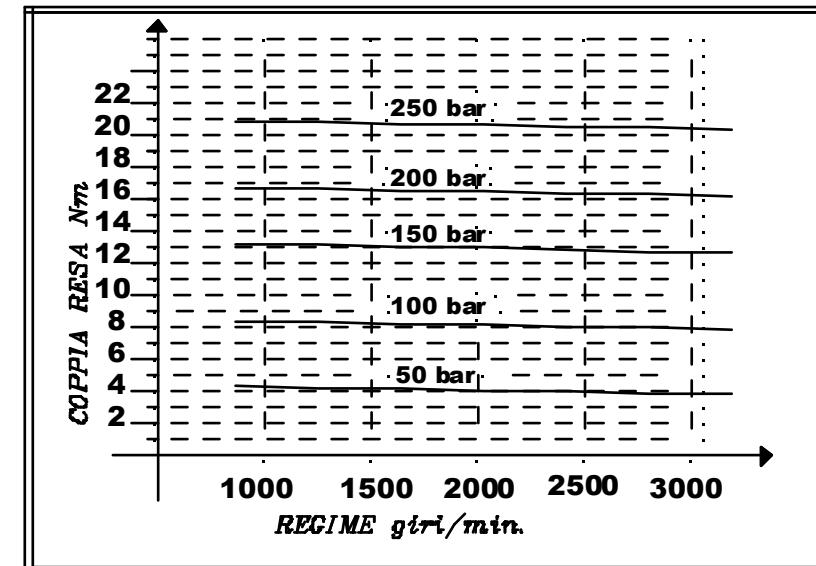
MOTORI GRUPPO 2

CURVE CARATTERISTICHE COPPIA

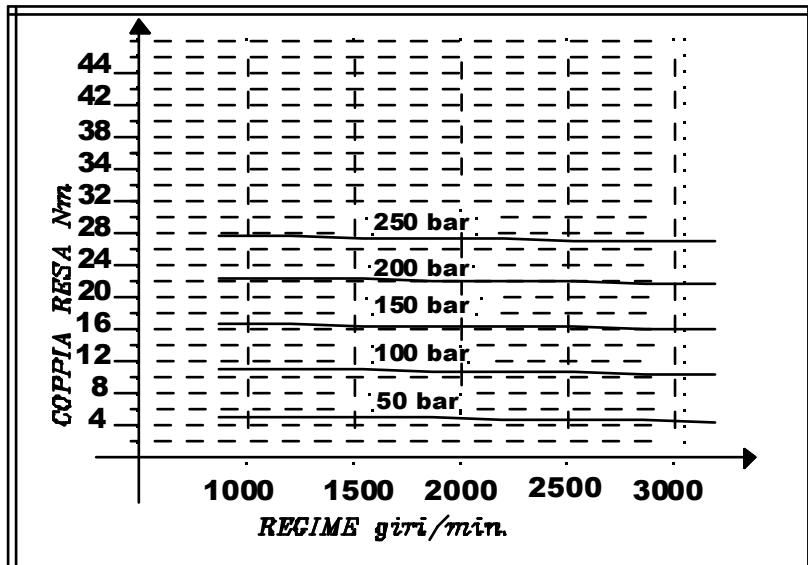
MOTORI OT200 M04



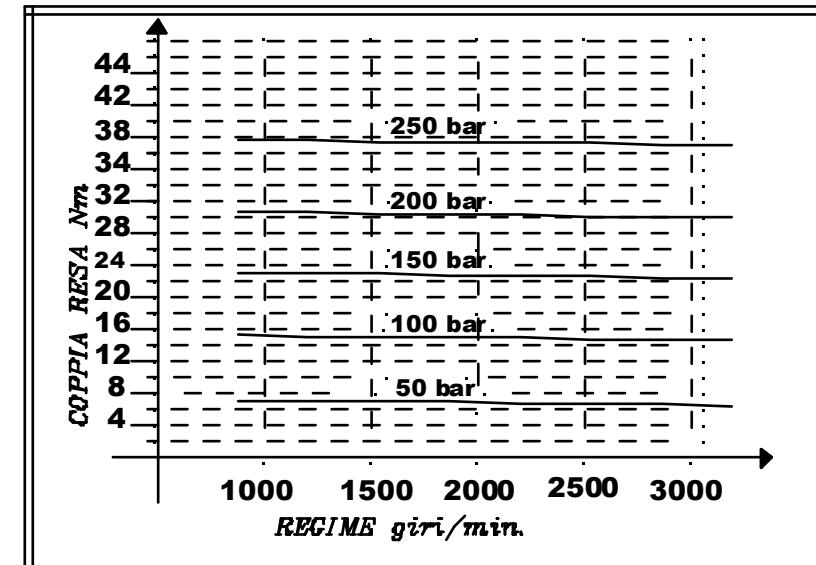
MOTORI OT200 M06



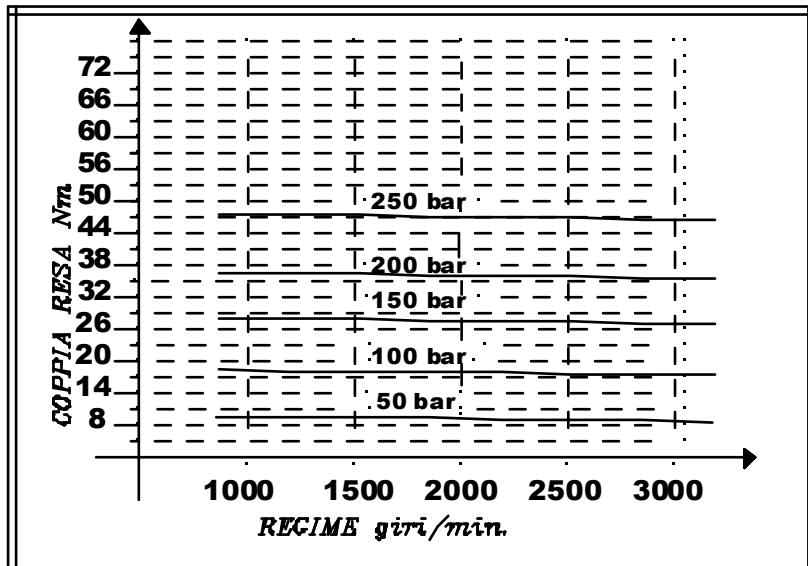
MOTORI OT200 M08



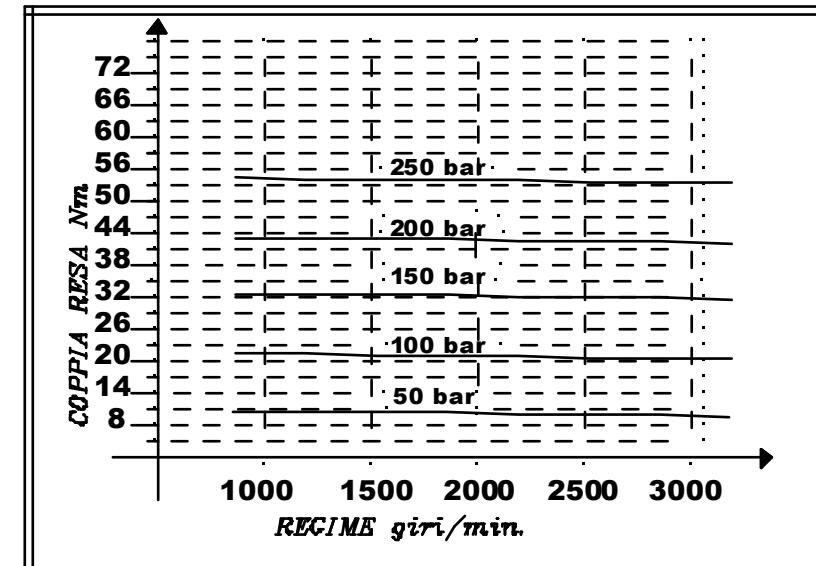
MOTORI OT200 M11

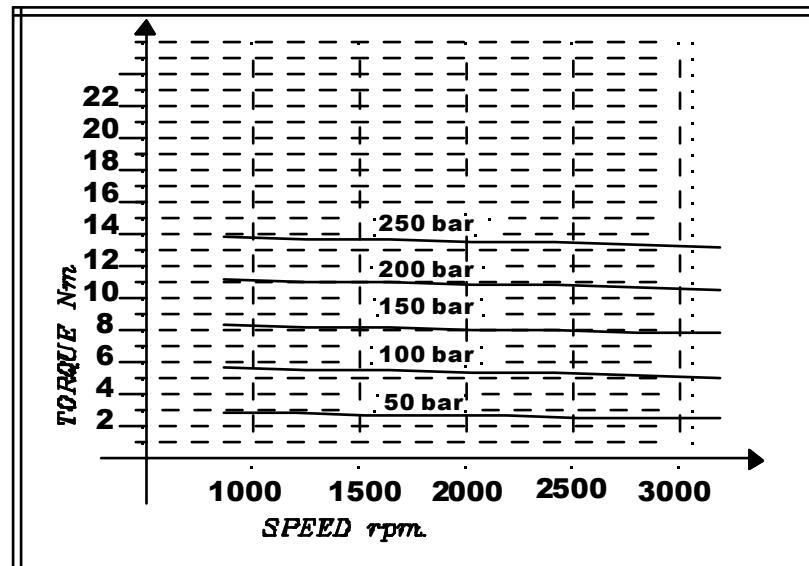
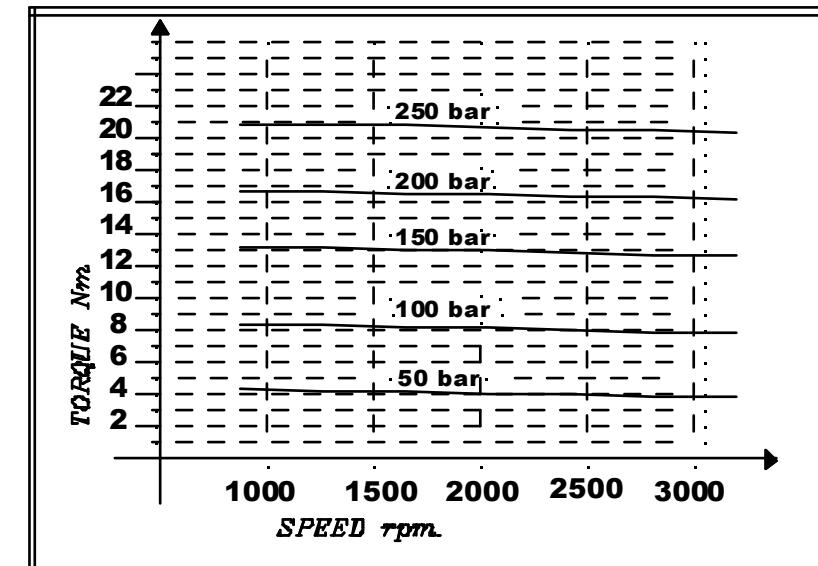
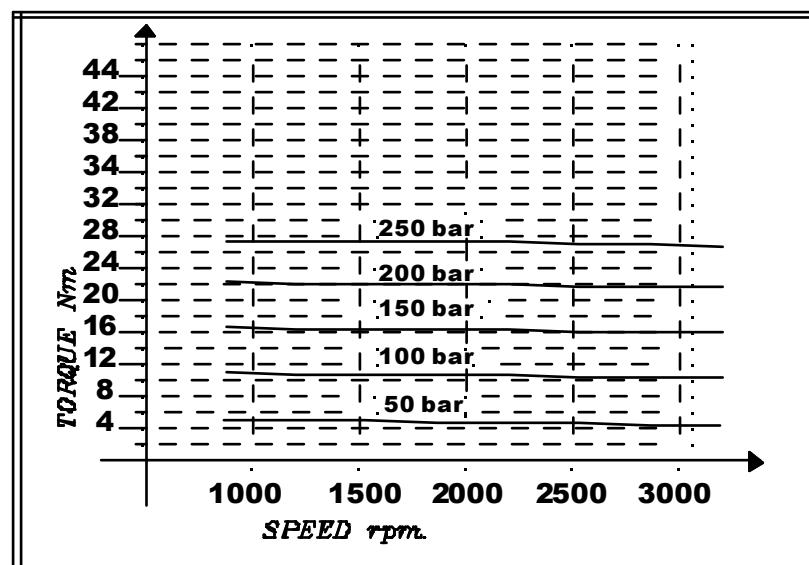
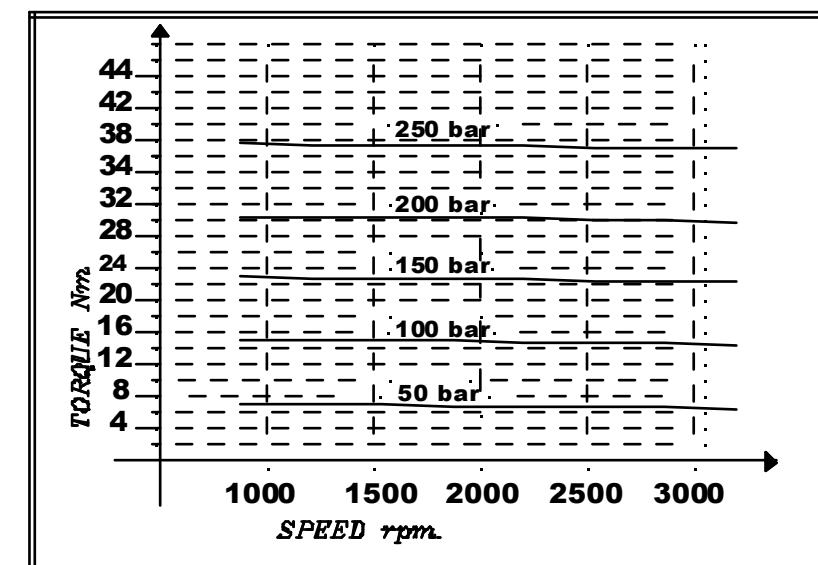
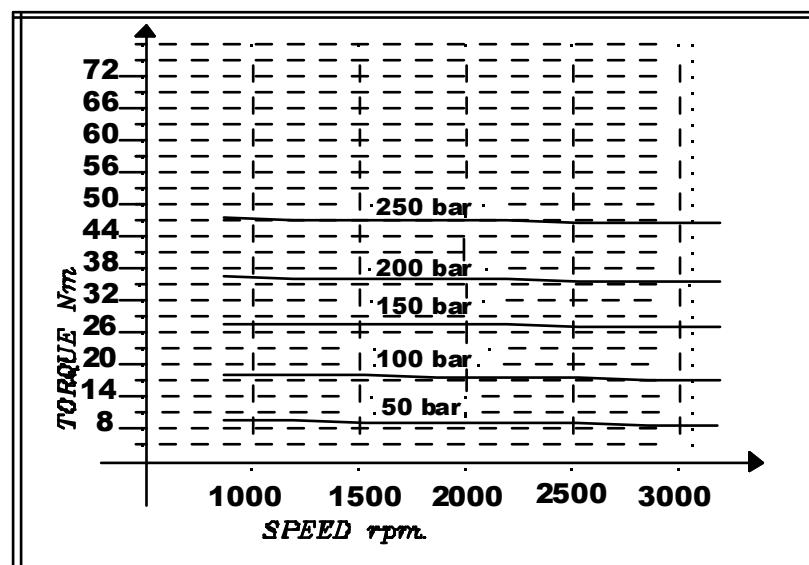
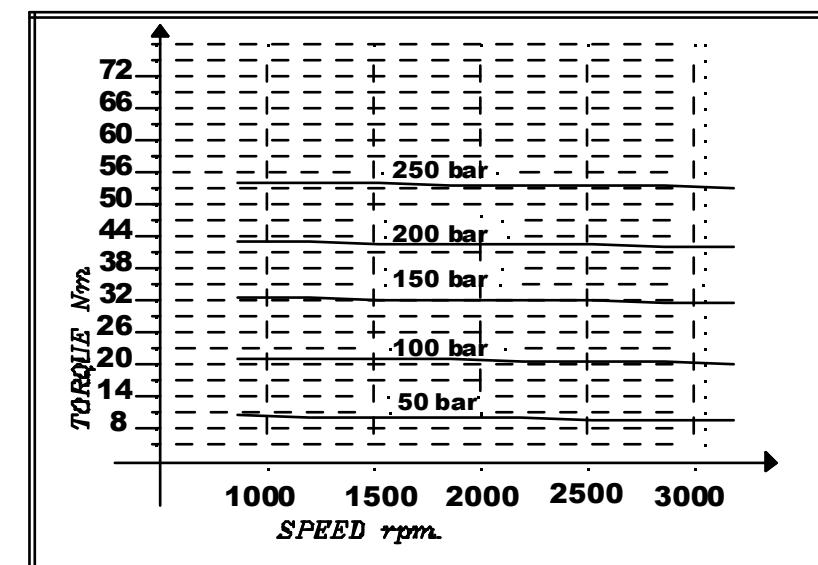


MOTORI OT200 M14



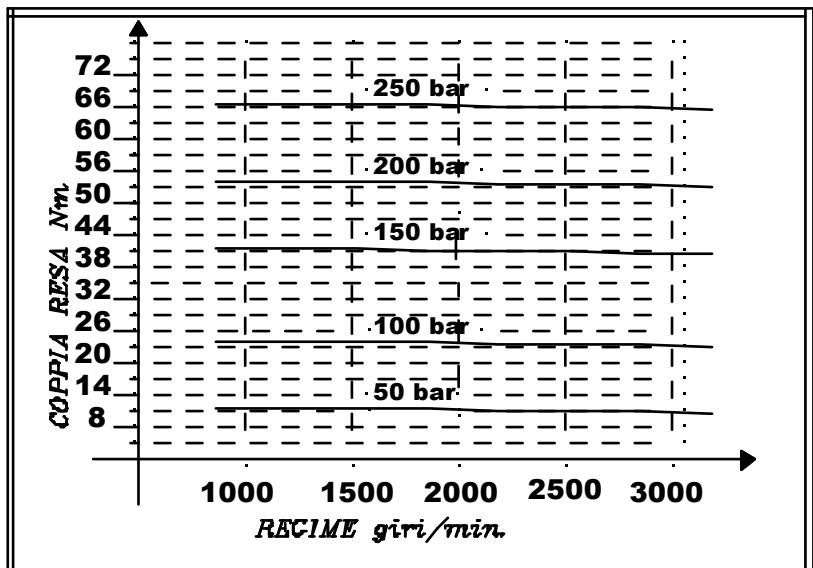
MOTORI OT200 M16



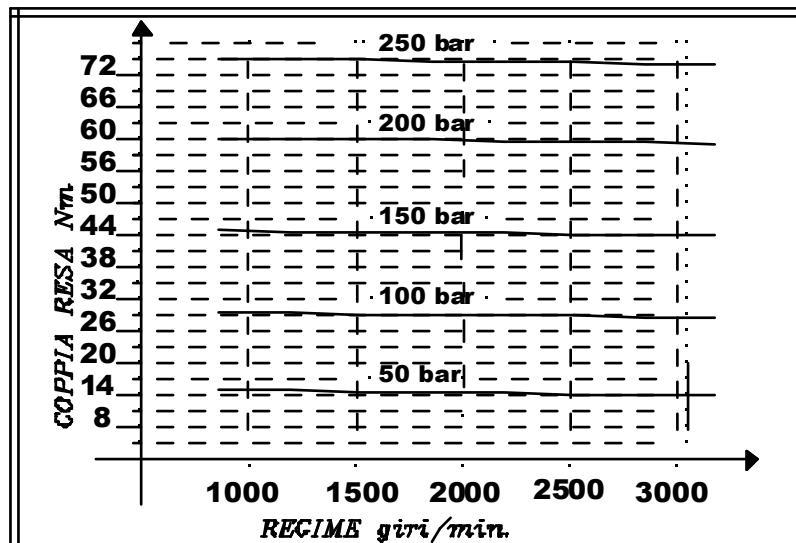
GROUP2 MOTORS - TORQUE CHARACTERISTICS CURVES
MOTORS OT200 M04

MOTORS OT200 M06

MOTORS OT200 M08

MOTORS OT200 M11

MOTORS OT200 M14

MOTORS OT200 M16


MOTORI GRUPPO 2 CURVE CARATTERISTICHE COPPIA

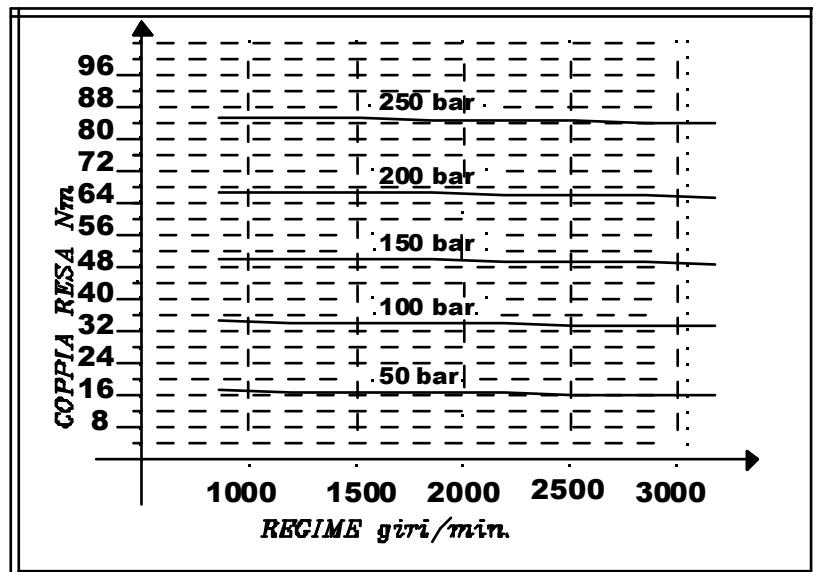
MOTORI OT200 M20



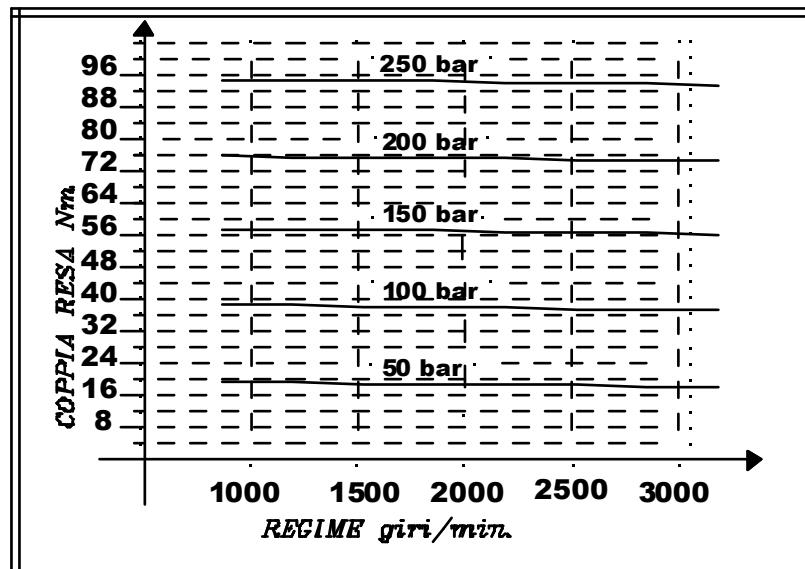
MOTORI OT200 M22



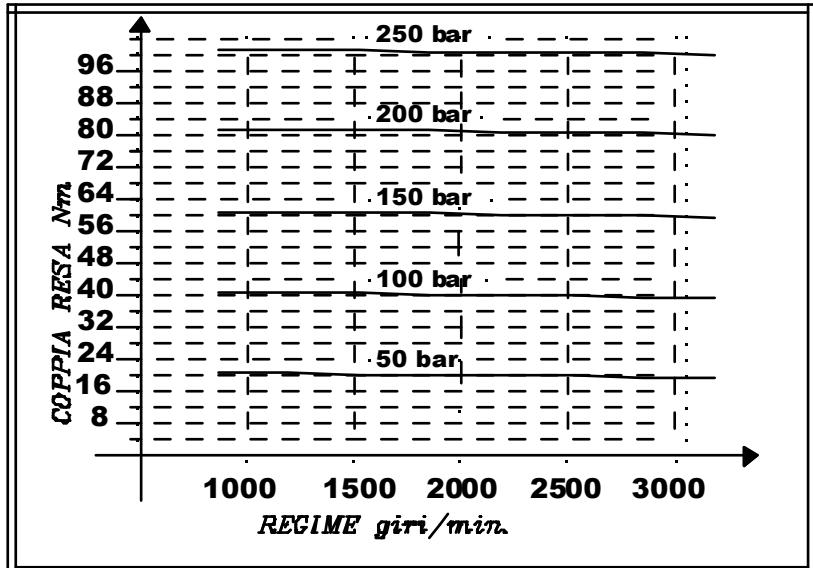
MOTORI OT200 M25

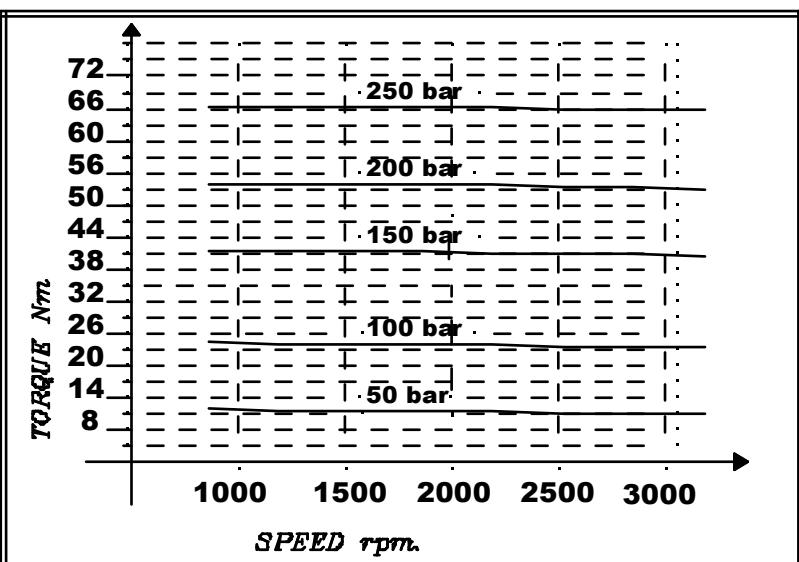
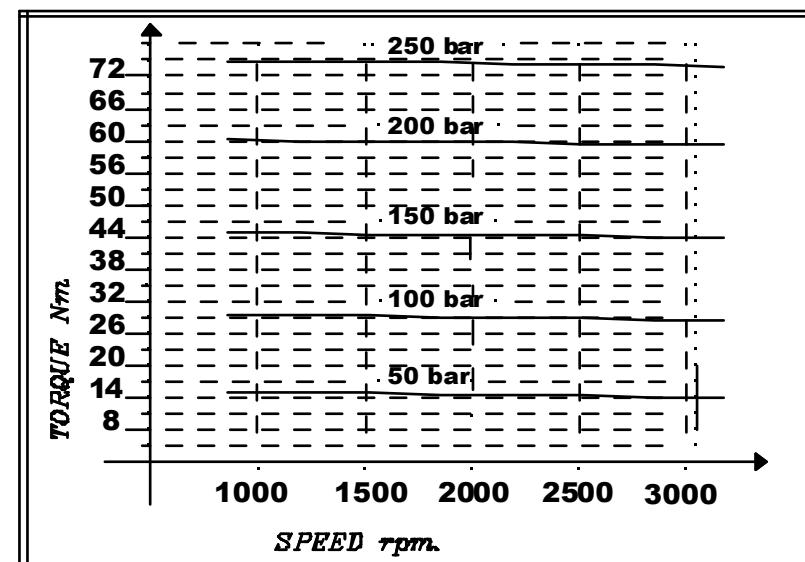
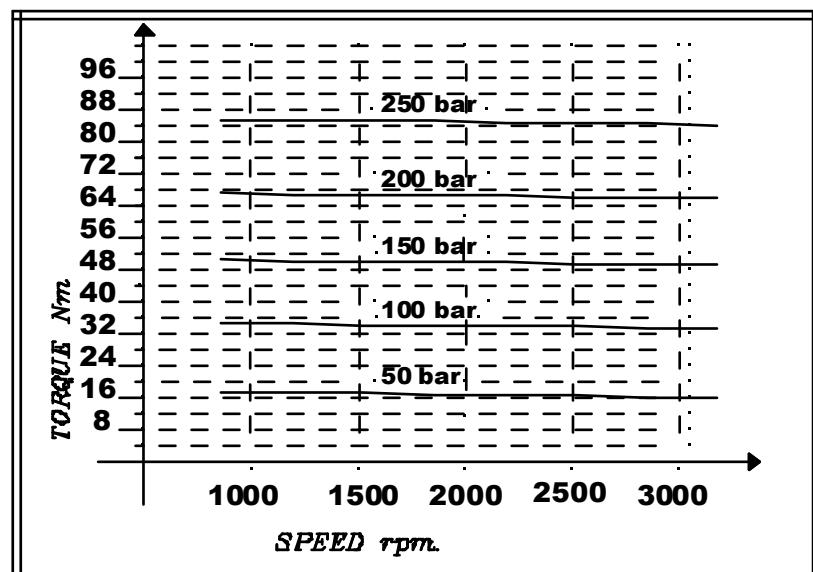
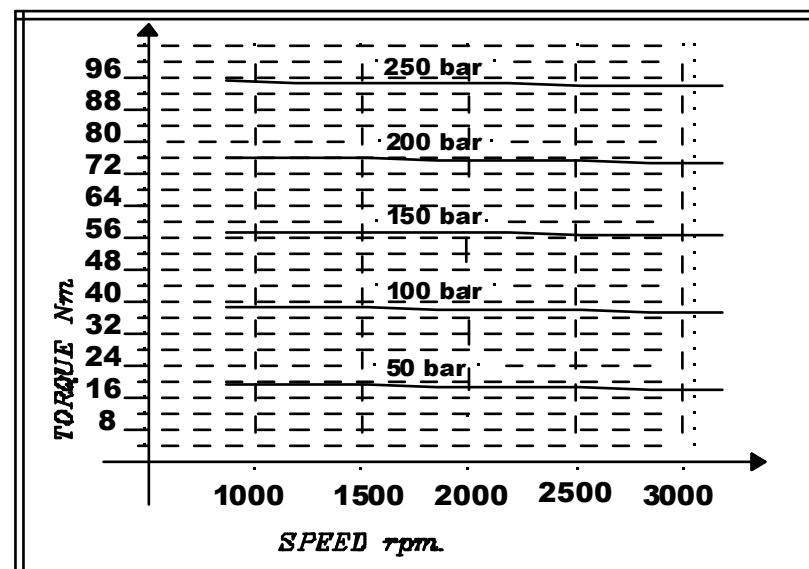
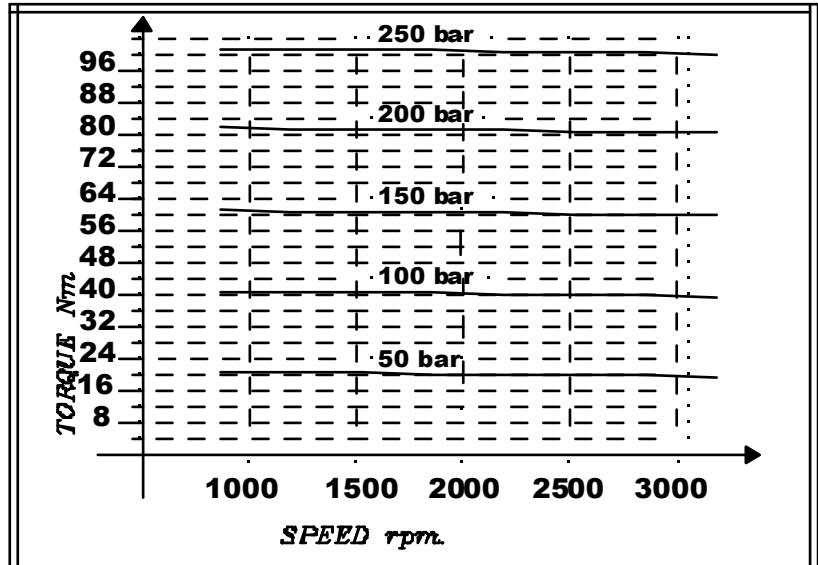


MOTORI OT200 M28



MOTORI OT200 M30



GROUP2 MOTORS - TORQUE CHARACTERISTICS CURVE
MOTORS OT200 M20

MOTORS OT200 M22

MOTORS OT200 M25

MOTORS OT200 M28

MOTORS OT200 M30


POMPE E MOTORI REVERSIBILI GRUPPO 2

DATI GENERALI

	Cilindrata (cc/giro)	Pressione massima continua P1 (bar)	Pressione di punta P3 (bar)	Velocita' massima (giri/min.)	Dimensione	
					A	B
OT 200 P04	04,10	210	240	4000	40,00	83,50
OT 200 P06	06,20	220	255	3500	41,50	86,50
OT 200 P08	08,20	220	255	3500	43,00	89,50
OT 200 P11	11,20	220	255	3500	45,15	93,80
OT 200 P14	14,00	220	255	3000	47,15	97,80
OT 200 P16	16,00	220	255	3000	48,60	100,7
OT 200 P20	20,00	200	240	3000	51,50	106,5
OT 200 P22	22,50	170	210	2500	57,35	118,2
OT 200 P25	25,10	170	180	2500	59,25	122,0
OT 200 P28	28,00	140	180	2500	61,35	126,2
OT 200 P30	30,00	130	170	2000	62,75	129,0

RENDIMENTI

$\eta_v = \eta_v (V, \Delta p, n)$ **Minimo rendimento volumetrico** $\approx 0,85$

$\eta_m = \eta_m (V, \Delta p, n)$ **Rendimento meccanico** $\approx 0,9$

$\eta_t = \eta_v \times \eta_m$ **Rendimento totale** $\approx 0,8$

GROUP 2 REVERSIBLE PUMPS AND MOTORS

GENERAL DATA

	Displacem. (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	Max speed (rpm)	Dimension A B (mm)	
					A	B
OT 200 P04	04,10	210	240	4000	40,00	83,50
OT 200 P06	06,20	220	255	3500	41,50	86,50
OT 200 P08	08,20	220	255	3500	43,00	89,50
OT 200 P11	11,20	220	255	3500	45,15	93,80
OT 200 P14	14,00	220	255	3000	47,15	97,80
OT 200 P16	16,00	220	255	3000	48,60	100,7
OT 200 P20	20,00	200	240	3000	51,50	106,5
OT 200 P22	22,50	170	210	2500	57,35	118,2
OT 200 P25	25,10	170	180	2500	59,25	122,0
OT 200 P28	28,00	140	180	2500	61,35	126,2
OT 200 P30	30,00	130	170	2000	62,75	129,0

EFFICIENCIES

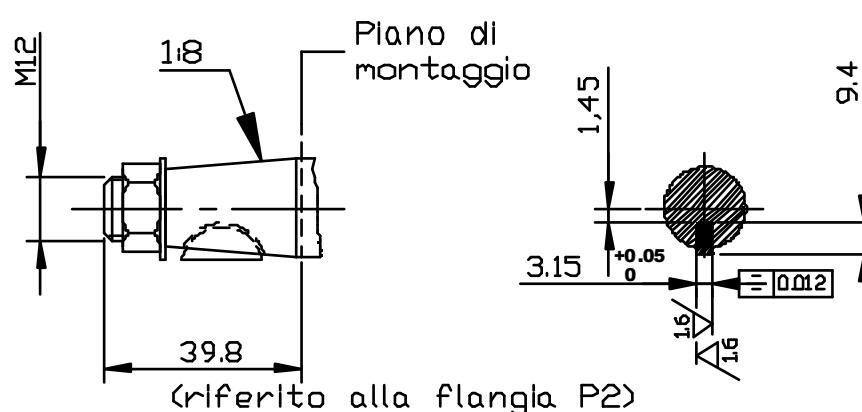
$\eta_v = \eta_v (V, \Delta p, n)$	Minimal volumetric efficiency	≈ 0.85
$\eta_m = \eta_m (V, \Delta p, n)$	Mechanical efficiency	≈ 0.9
$\eta = \eta_v \times \eta_m$	Overall efficiency	≈ 0.8

POMPE E MOTORI REVERSIBILI GRUPPO 2

ALBERI CONDUTTORI

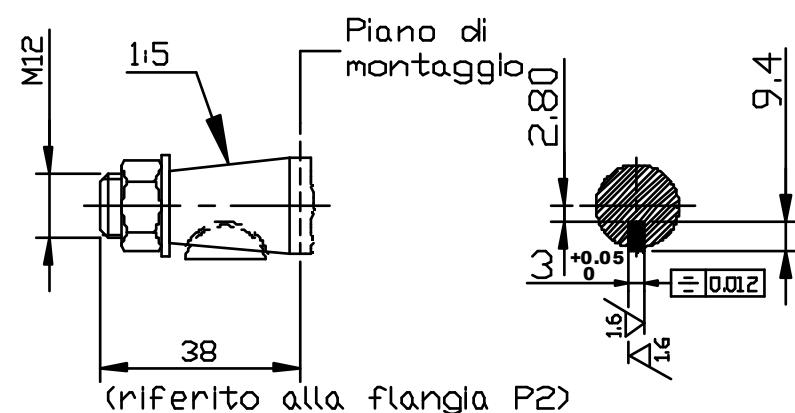
ALBERO COD. 28

Coppia max. 140 Nm



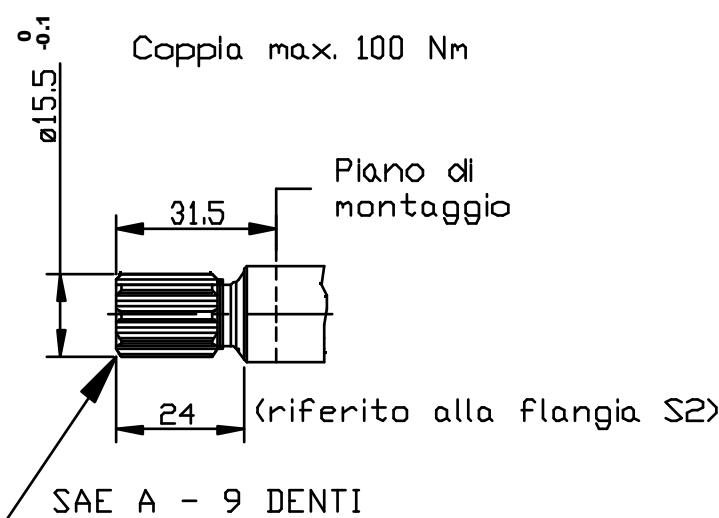
ALBERO COD. 25

Coppia max. 140 Nm



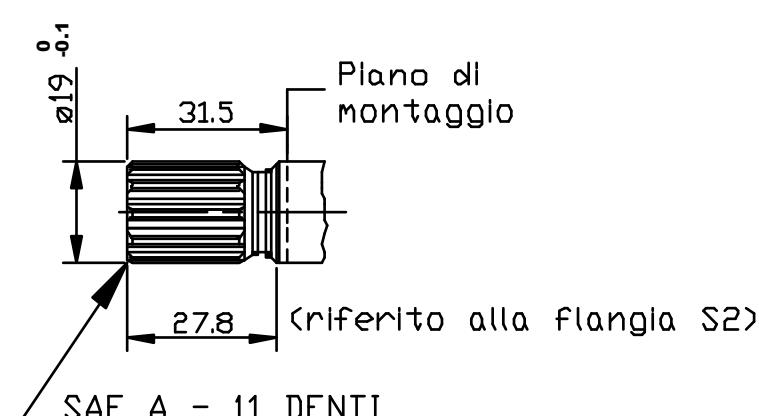
ALBERO COD. 21

Coppia max. 100 Nm



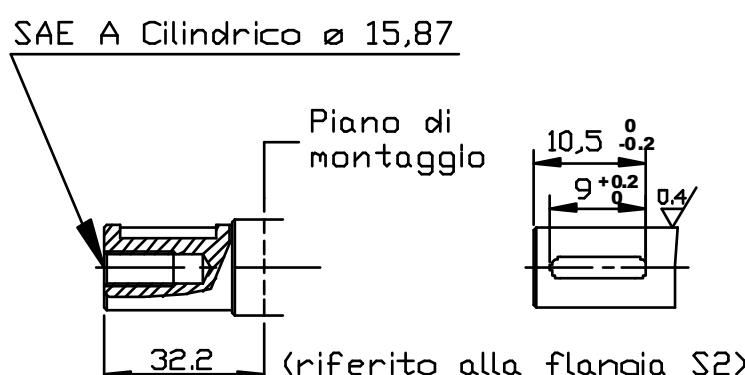
ALBERO COD. 20

Coppia max. 170 Nm



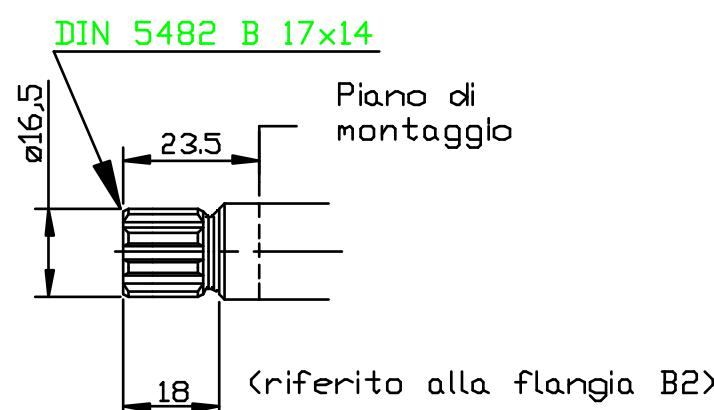
ALBERO COD. 31

Coppia max. 70 Nm



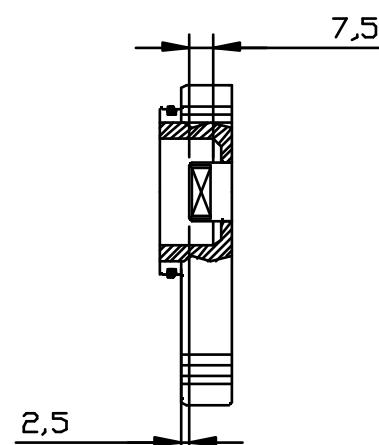
ALBERO COD. 23

Coppia max. 110 Nm



ALBERO COD. 24

Coppia max. 70 Nm

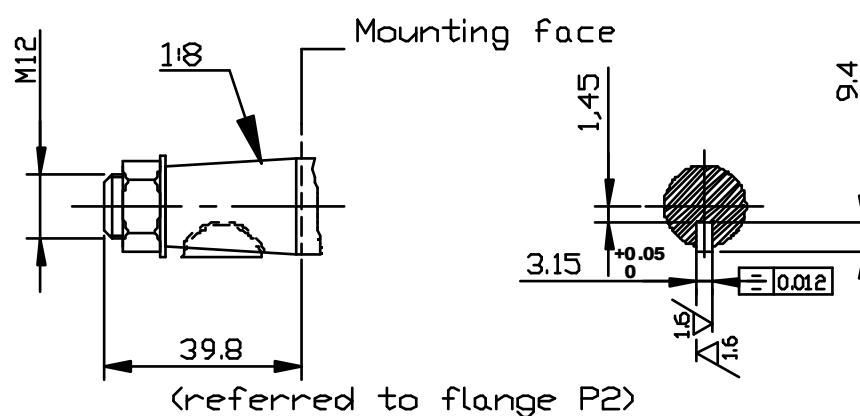


GROUP 2 REVERSIBLE PUMPS AND MOTORS

DRIVE SHAFTS

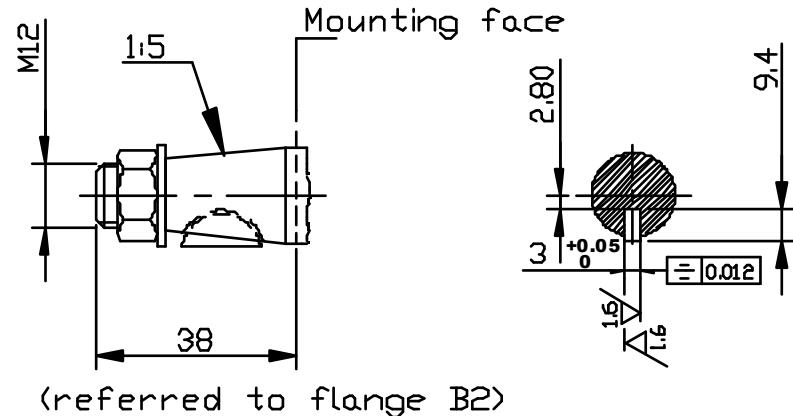
SHAFT CODE 28

Max torque 140 Nm



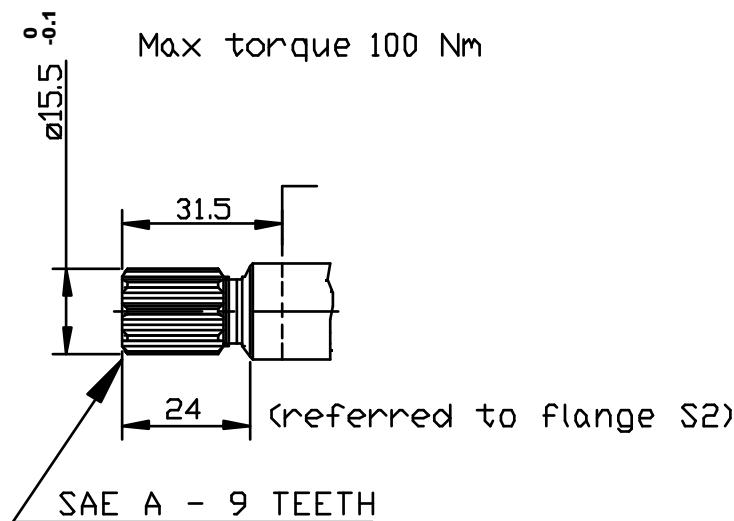
SHAFT CODE 25

Max torque 140 Nm



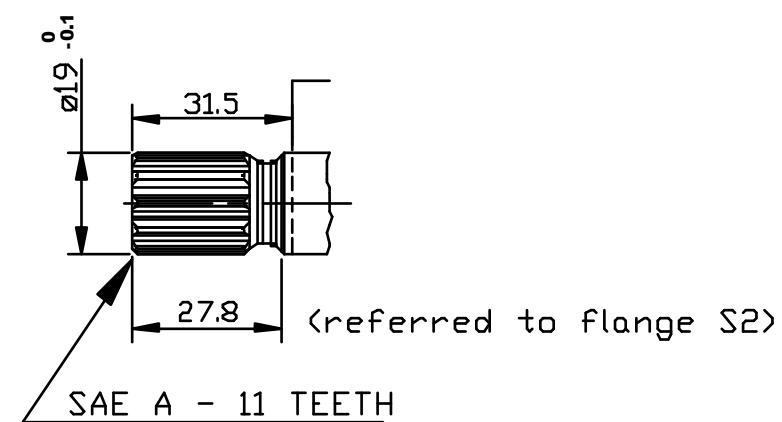
SHAFT CODE 21

Max torque 100 Nm



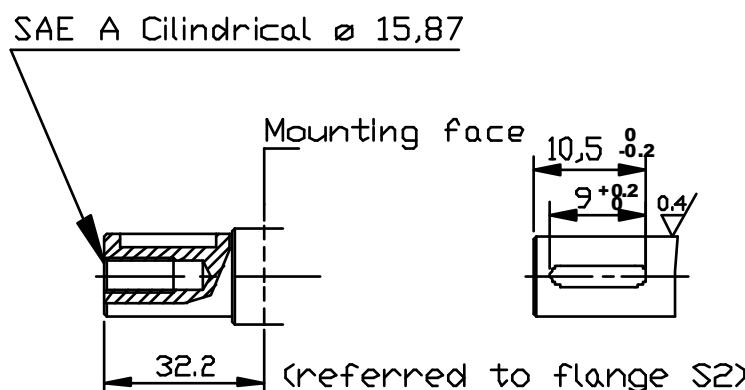
SHAFT CODE 20

Max torque 170 Nm



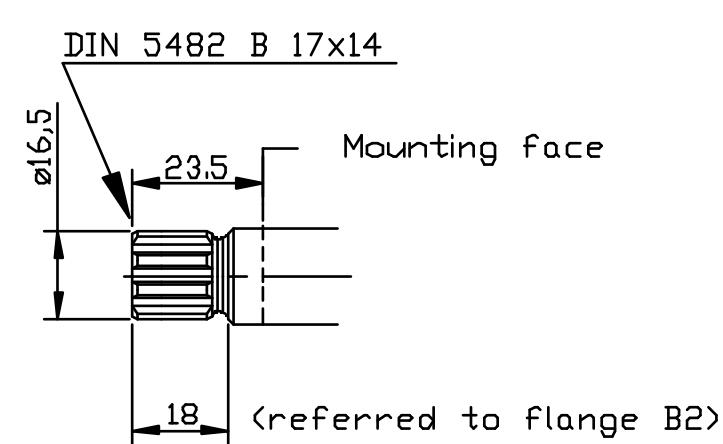
SHAFT CODE 31

Max torque 70 Nm



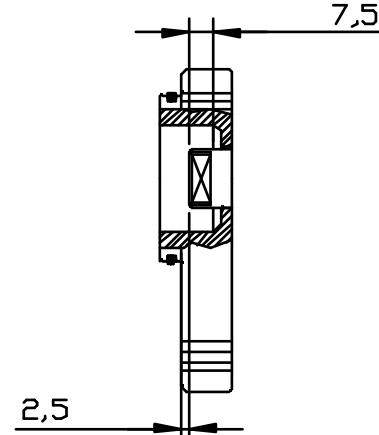
SHAFT CODE 23

Max Torque 110 Nm



SHAFT CODE 24

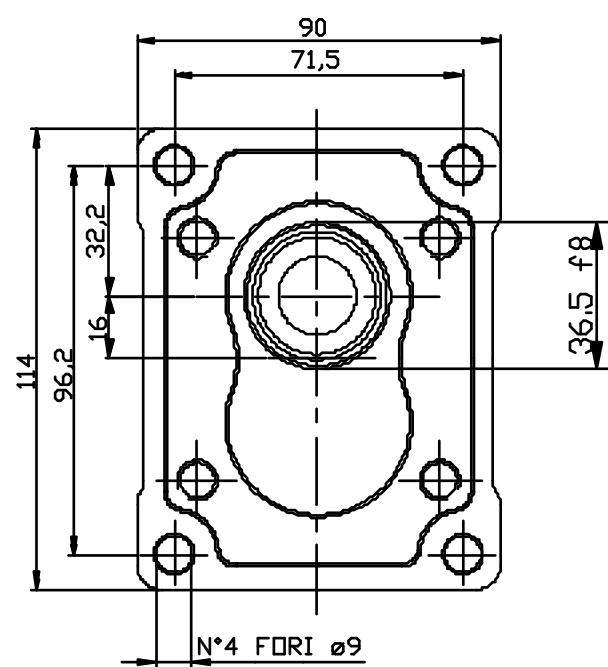
Max torque 70 Nm



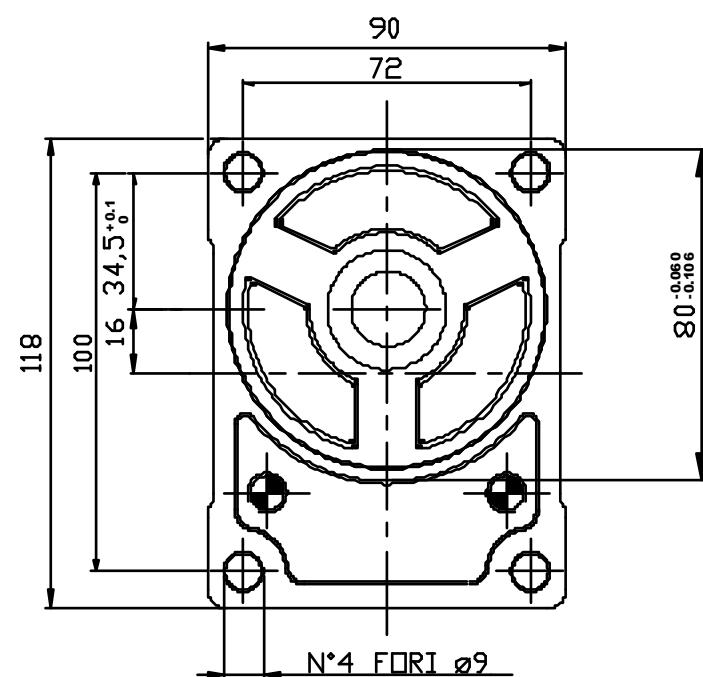
POMPE E MOTORI REVERSIBILI GRUPPO 2

FLANGE

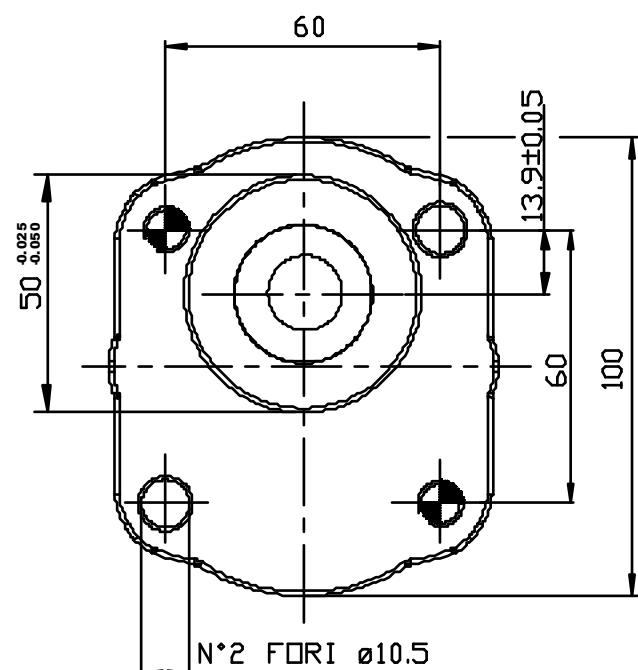
STANDARD EUROPEO COD. P2



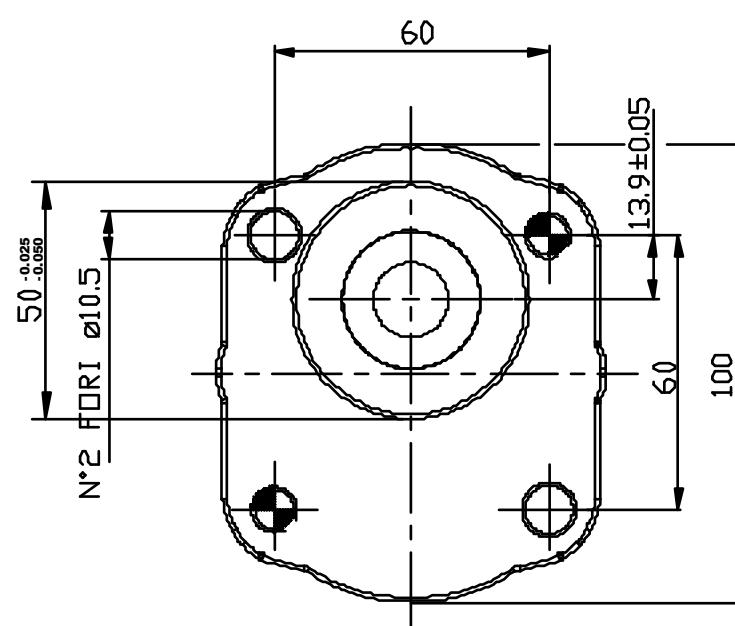
UNIFICAZIONE TEDESCA COD. B2

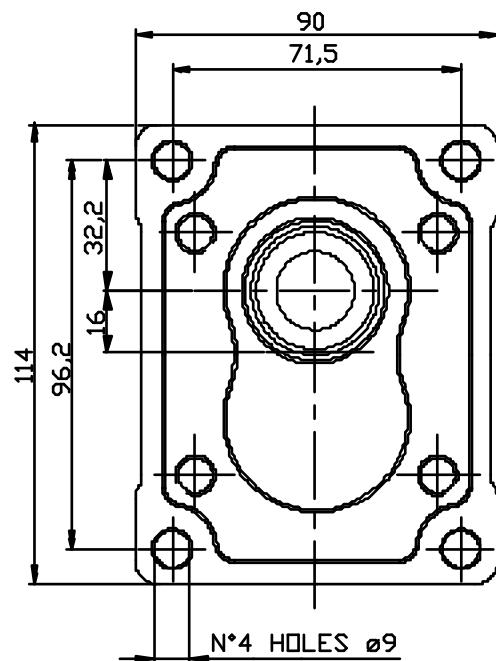
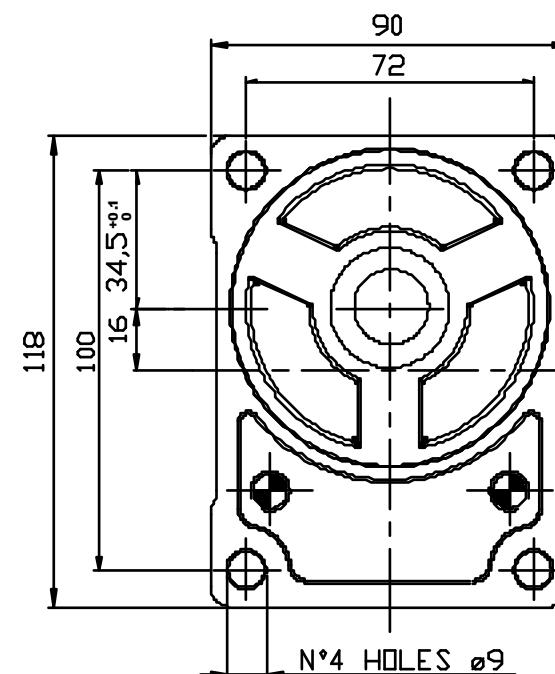
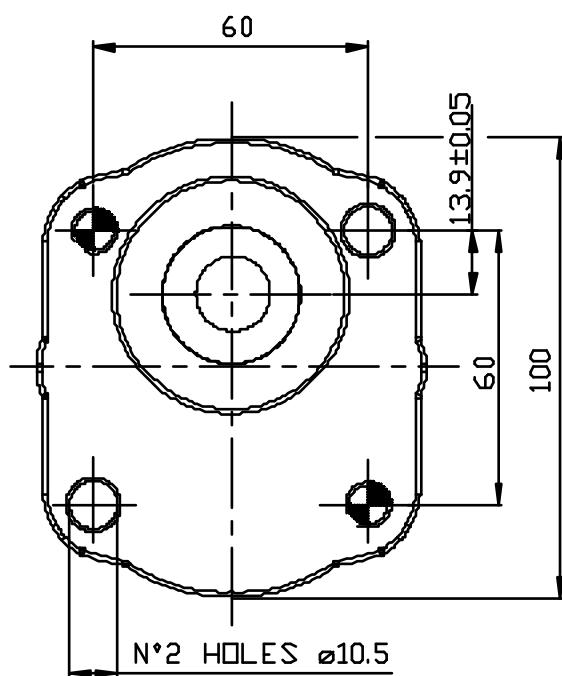
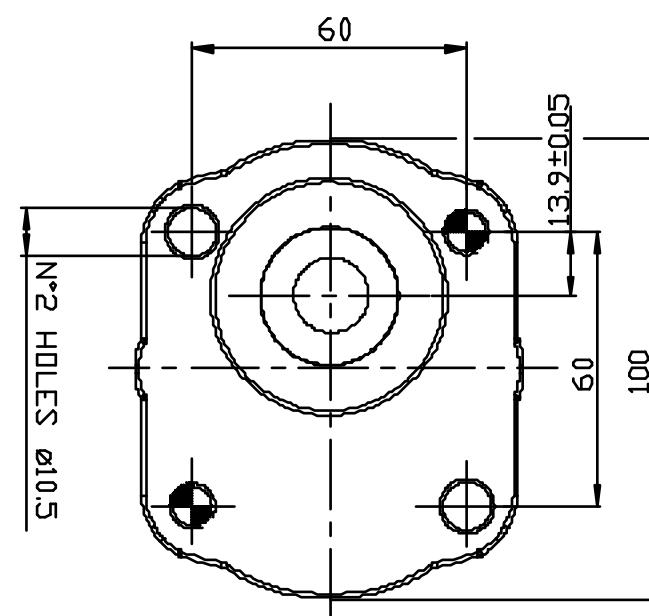


UNIFICAZIONE TEDESCA COD. B4



UNIFICAZIONE TEDESCA COD. B5

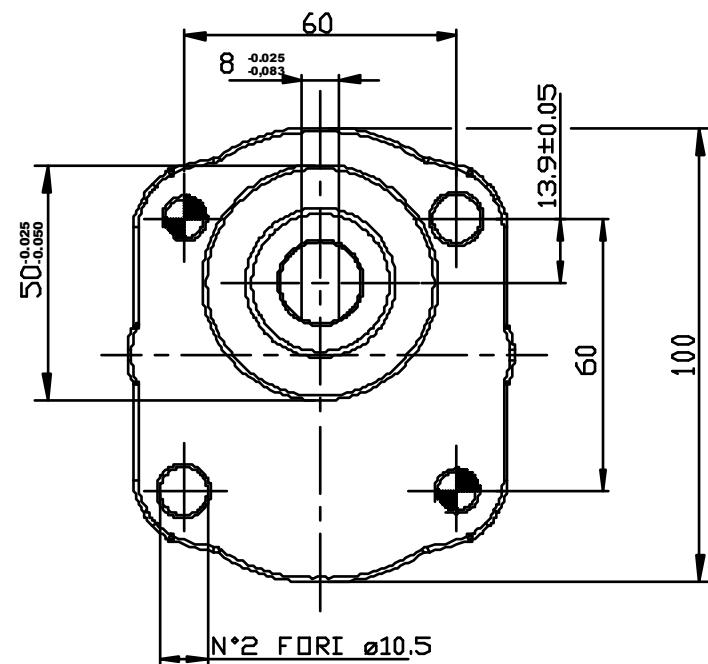


GROUP 2 REVERSIBLE PUMPS AND MOTORS
MOUNTING FLANGES
EUROPEAN STANDARD CODE P2

GERMAN STANDARD CODE B2

GERMAN STANDARD CODE B4

GERMAN STANDARD CODE B5


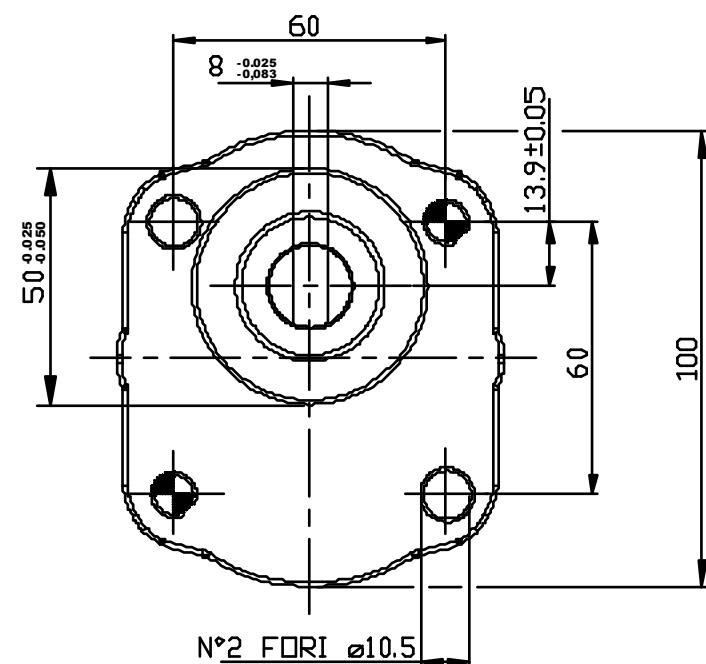
POMPE E MOTORI REVERSIBILI GRUPPO 2

FLANGE

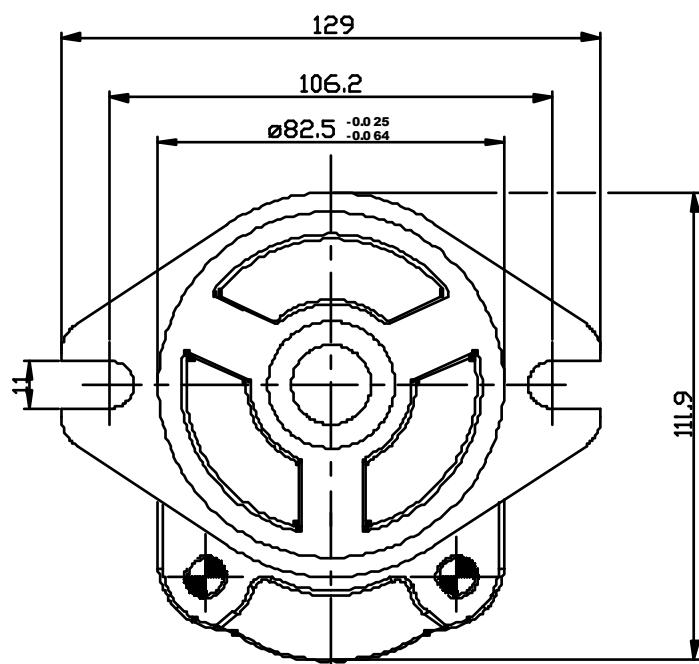
UNIFICAZIONE TEDESCA COD. B6

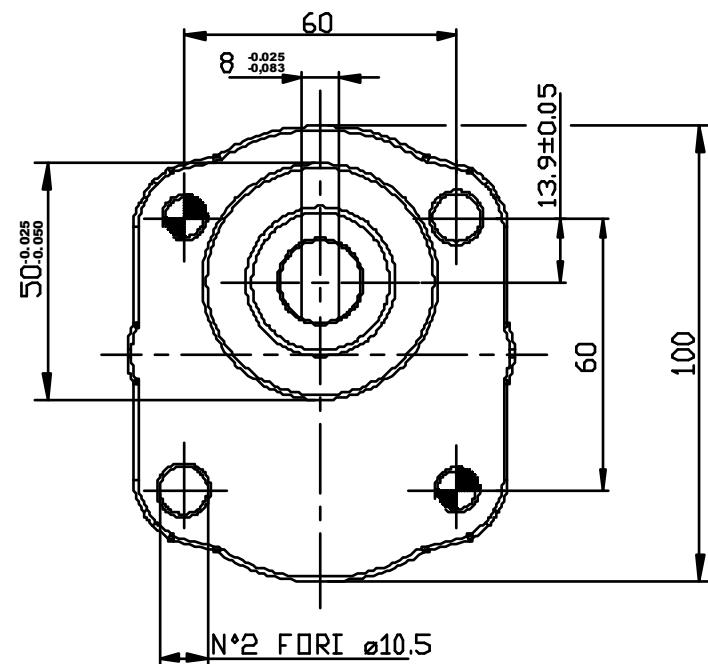
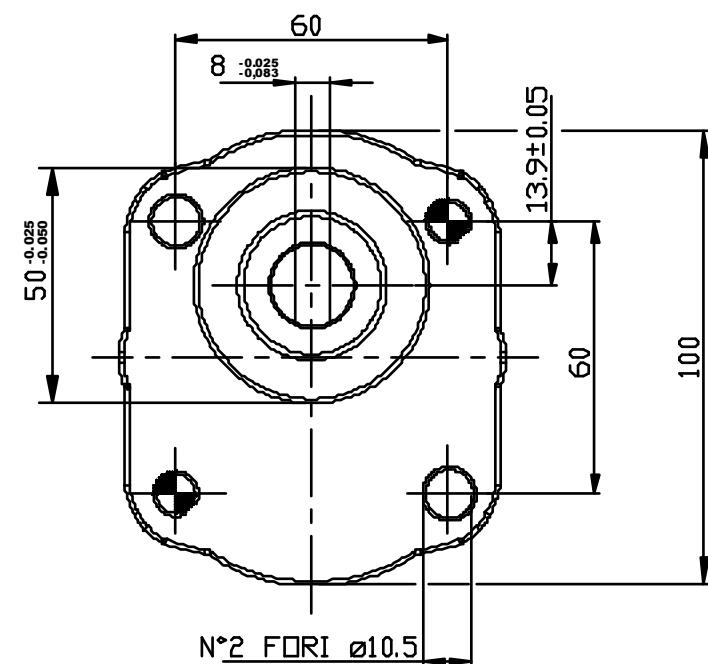
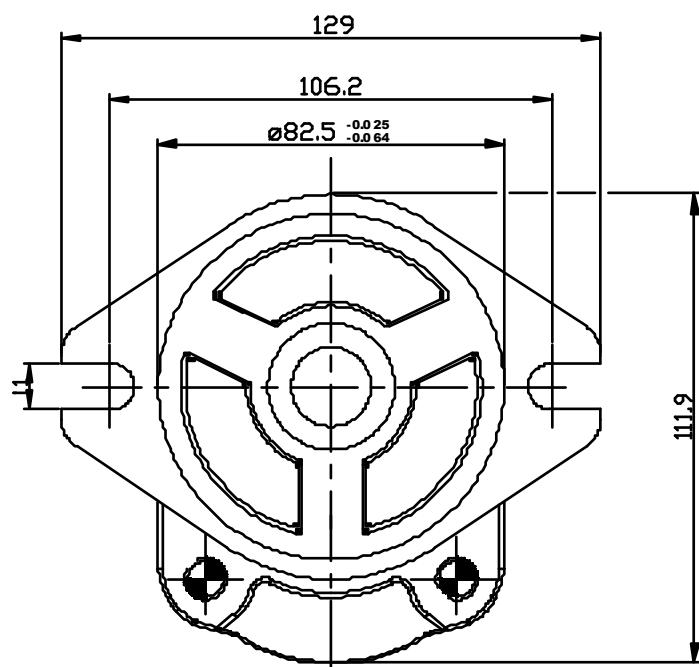


UNIFICAZIONE TEDESCA COD. B7



UNIFICAZIONE SAE A COD. S2

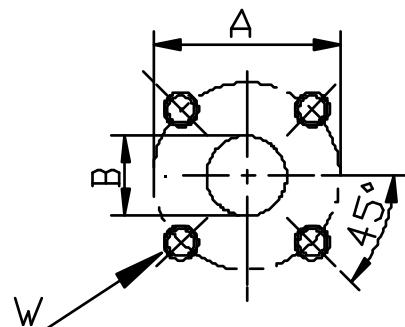


GROUP 2 REVERSIBLE PUMPS AND MOTORS
MOUNTING FLANGES
GERMAN STANDARD CODE B6

GERMAN STANDARD CODE B7

SAE A STANDARD CODE S2


POMPE E MOTORI REVERSIBILI GRUPPO 2

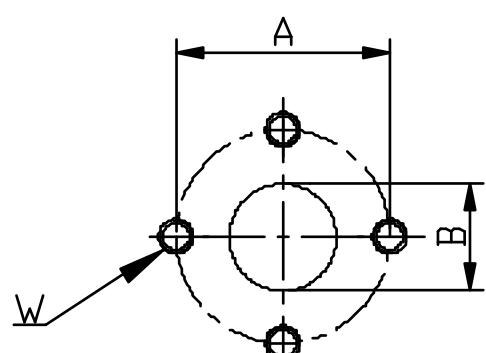
BOCCHE

CODICE B



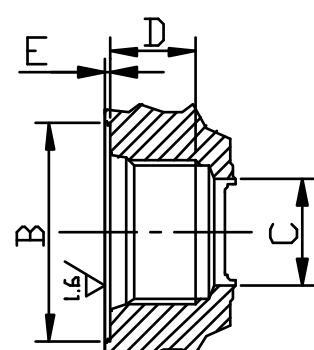
Quota	Dimensione lato sx	Dimensione parte dx
A	Ø40	Ø35
B		Ø20
W		M6

CODICE P



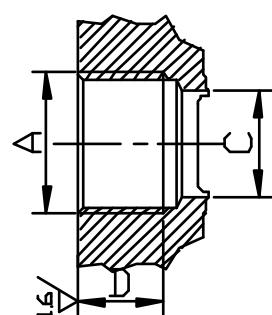
Quota	Cilindrata da 04 a 11 (mm)	Cilindrata da 14 a 30 (mm)
A	Ø30	Ø40
B	Ø13	Ø20
W	M6	M8

CODICE R



Quota	SAE 10 da 04 a 11 (mm)	SAE 12 da 14 a 30 (mm)
C	Ø13	Ø20
E	0.8	0.5
D	14	16
B	7/8-14 UNF	1-1/16 UNF

CODICE G

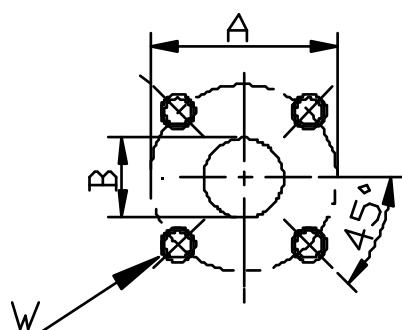


Quota	Cilindrata da 04 a 11 (mm)	Cilindrata da 14 a 30 (mm)
A	1/2"	3/4"
C	Ø13	Ø20
D	14	16

GROUP 2 REVERSIBLE PUMPS AND MOTORS

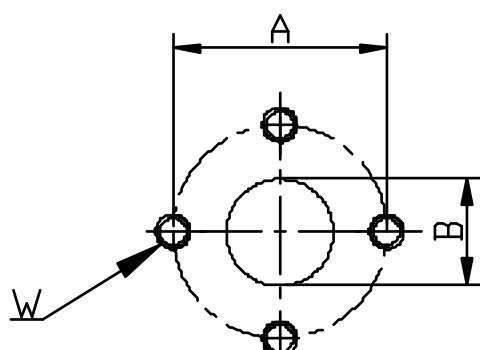
PORT SIZES

CODE B



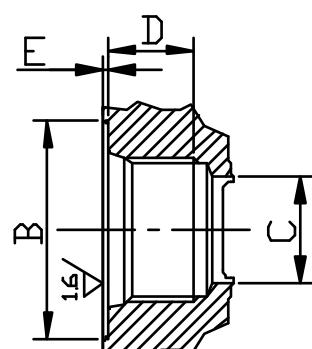
Quote	Dimension left side	Dimension right side
A	Ø40	Ø35
B	Ø20	
W	M6	

CODE P



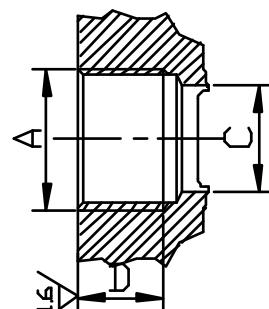
Quote	Displacement from 04 to 11 (mm)	Displacement from 14 to 30 (mm)
A	Ø30	Ø40
B	Ø13	Ø20
W	M6	M8

CODE R



Quote	SAE 10 from 04 to 11 (mm)	SAE 12 from 14 to 30 (mm)
C	Ø13	Ø20
E	0.8	0.5
D	14	16
B	7/8-14 UNF	1-1/16 UNF

CODE G



Quote	Displacement from 04 to 11 (mm)	Displacement from 14 to 30 (mm)
A	1/2"	3/4"
C	Ø13	Ø20
D	14	16

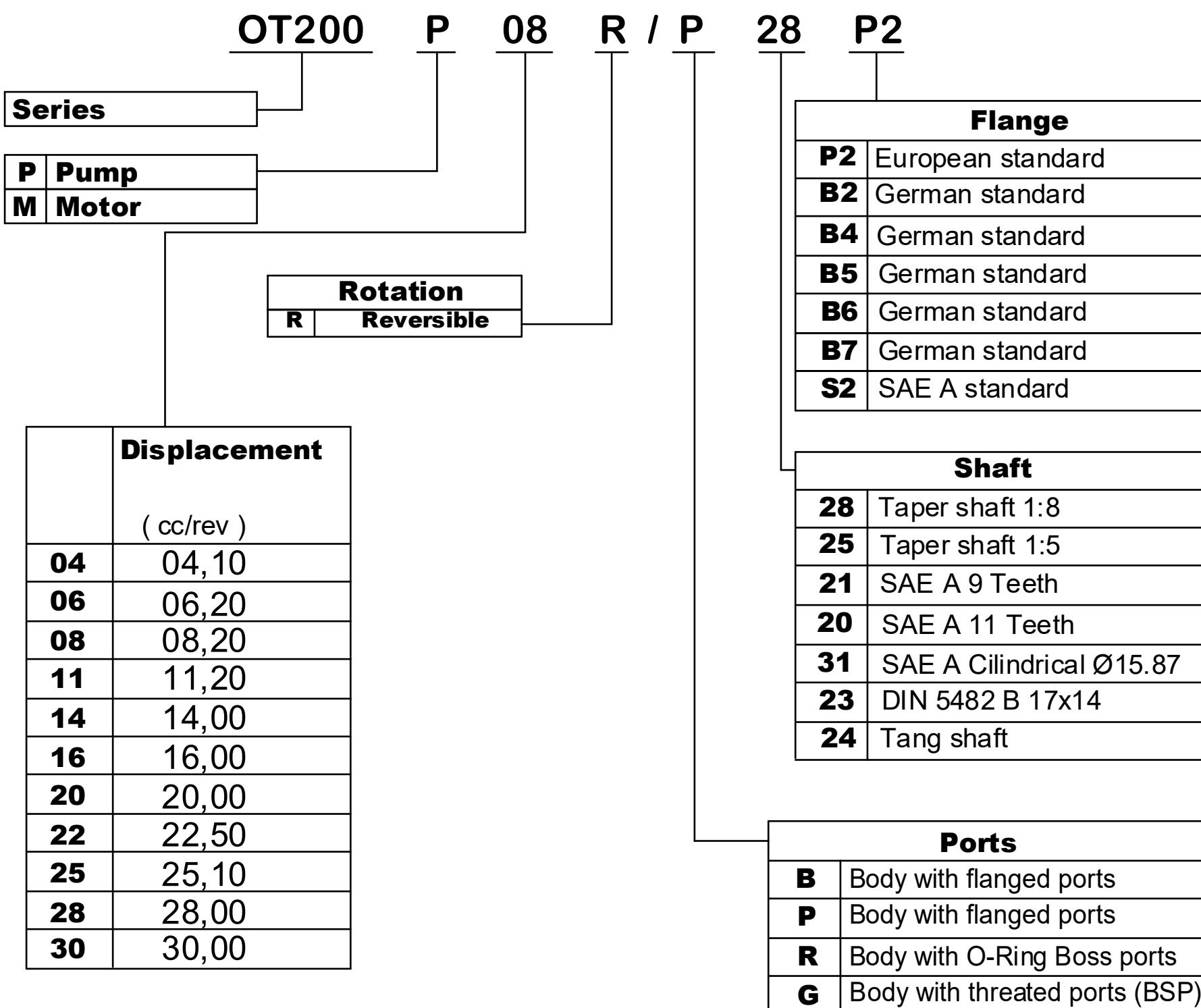
POMPE E MOTORI REVERSIBILI GRUPPO 2

ESEMPIO DI CODICE DI ORDINAZIONE

OT200	P	08	R / P	28	P2
Serie					
P Pompa					Flangia
M Motore					P2 Standard europeo
					B2 Unificazione tedesca
					B4 Unificazione tedesca
					B5 Unificazione tedesca
					B6 Unificazione tedesca
					B7 Unificazione tedesca
					S2 Unificazione SAE A
					Albero
				28	Albero conico 1:8
				25	Albero conico 1:5
				21	SAE A 9 Denti
				20	SAE A 11 Denti
				31	SAE A Cilindrico Ø15.87
				23	DIN 5482 B 17x14
				24	Albero a penna
					Bocche
				B	Corpo con bocche a flangia
				P	Corpo con bocche a flangia
				R	Corpo con bocche O-Ring Boss
				G	Corpo con bocche filettate (GAS)

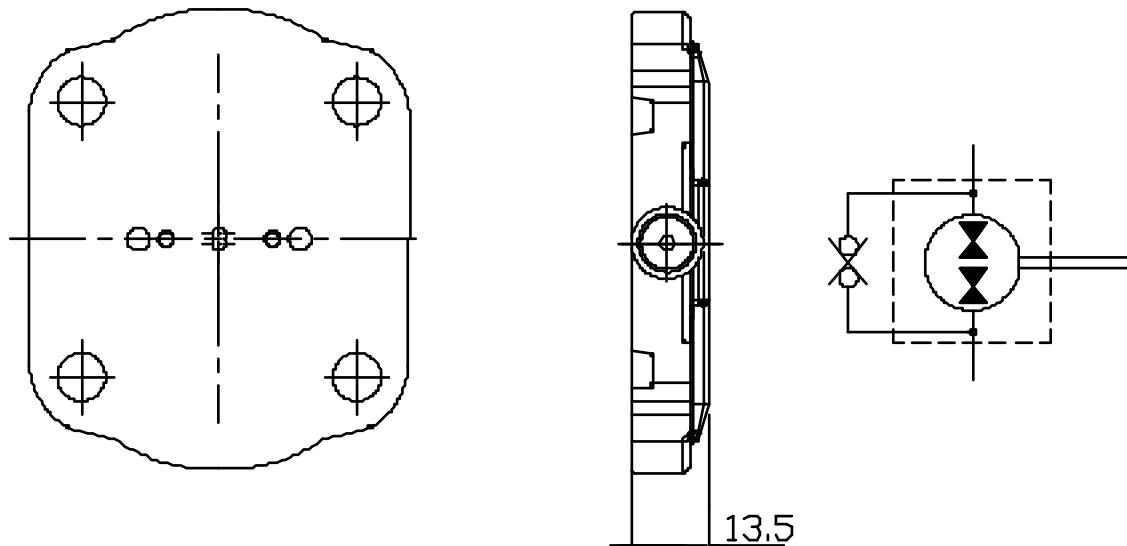
GROUP 2 REVERSIBLE PUMPS AND MOTORS

EXAMPLE OF ORDERING CODE



COPERCHI POSTERIORI PER POMPE E MOTORI GRUPPO 2

COPERCHIO PER POMPE E MOTORI CON DRENAGGIO INTERNO



NOTE : Massima contropressione in scarico 5 - 7 [bar]

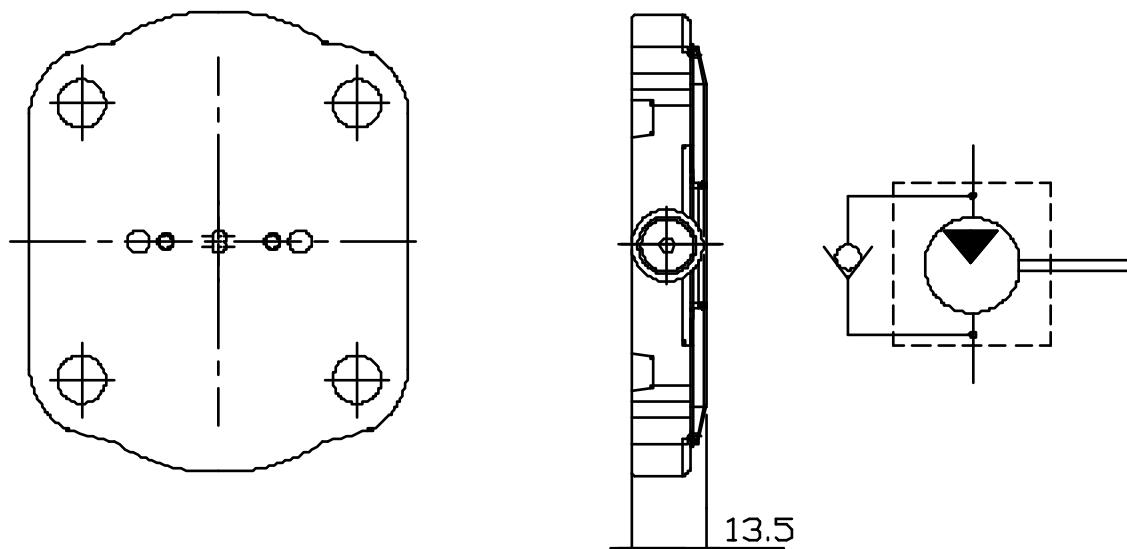
ESEMPIO DI CODICE D'ORDINAZIONE

OT200 M 08 R / G 28 P2 - DI

Vedi tabelle tecniche di corrispondenti pompe o motori reversibili

Coperchio per DRENAGGIO INTERNO

COPERCHIO CON VALVOLA ANTICAVITAZIONE



NOTE : Massima contropressione in scarico 5 - 7 [bar]

ESEMPIO DI CODICE D'ORDINAZIONE

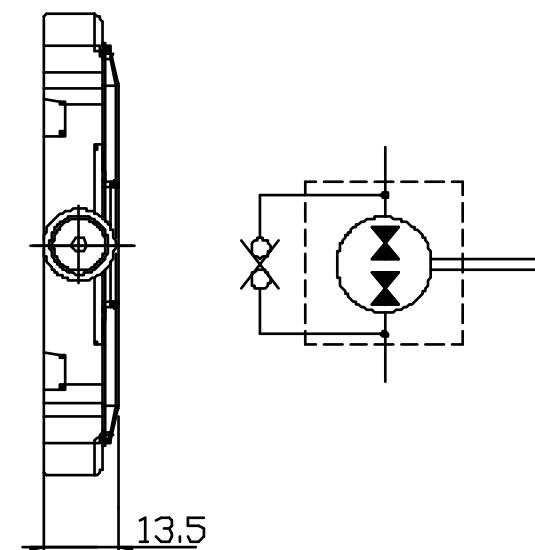
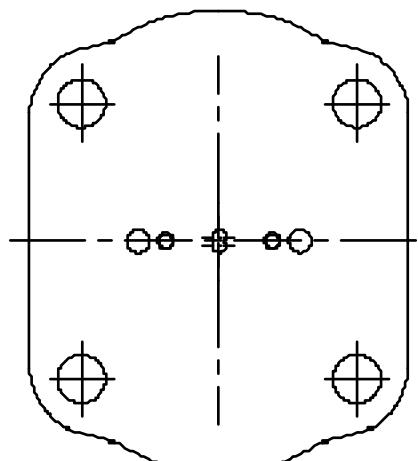
OT200 M 08 D / G 28 P2 - VA

Vedi tabelle tecniche di corrispondenti motori UNIDIREZIONALI

Coperchio con VALVOLA ANTICAVITAZIONE

REAR COVERS FOR GROUP2 PUMPS AND MOTORS

INTERNAL DRAIN REAR COVER FOR PUMPS AND MOTORS



NOTE : Max back pressure 5 - 7 [bar]

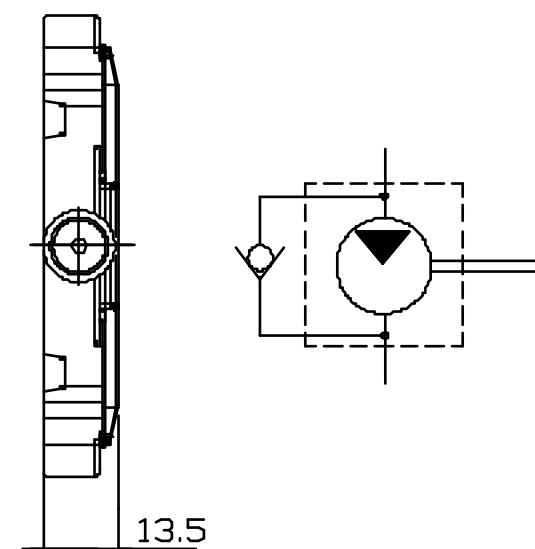
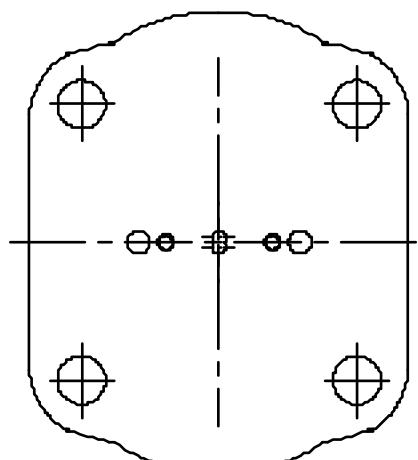
EXAMPLE OF ORDERING CODE

OT200 M 08 R / G 28 P2 - DI

See corrispondent reversible motors and pumps tables

Cover for INTERNAL DRAIN

REAR COVER WITH ANTICAVITATION VALVE



NOTE : Max back pressure 5 - 7 [bar]

EXAMPLE OF ORDERING CODE

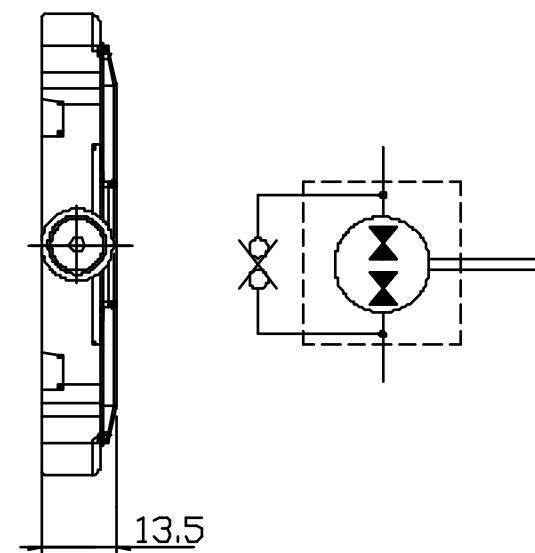
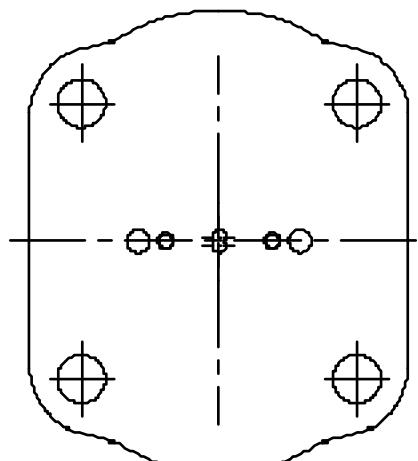
OT200 M 08 D / G 28 P2 - VA

See corrispondent UNIDIRECTIONAL motor tables

Rear cover with ANTICAVITATION VALVE

REAR COVERS FOR GROUP2 PUMPS AND MOTORS

INTERNAL DRAIN REAR COVER FOR PUMPS AND MOTORS



NOTE : Max back pressure 5 - 7 [bar]

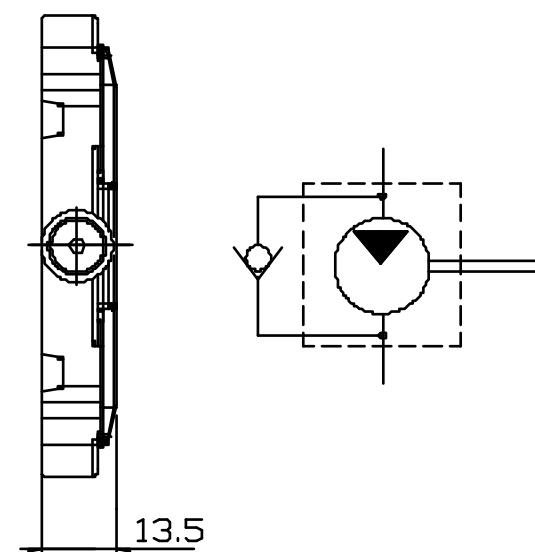
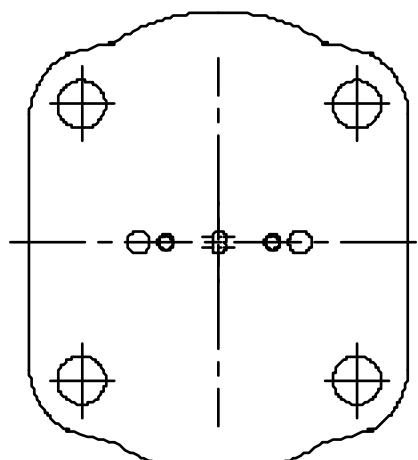
EXAMPLE OF ORDERING CODE

OT200 M 08 R / G 28 P2 - DI

See corrispondent reversible motors and pumps tables

Cover for INTERNAL DRAIN

REAR COVER WITH ANTICAVITATION VALVE



NOTE : Max back pressure 5 - 7 [bar]

EXAMPLE OF ORDERING CODE

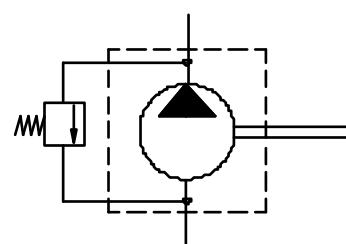
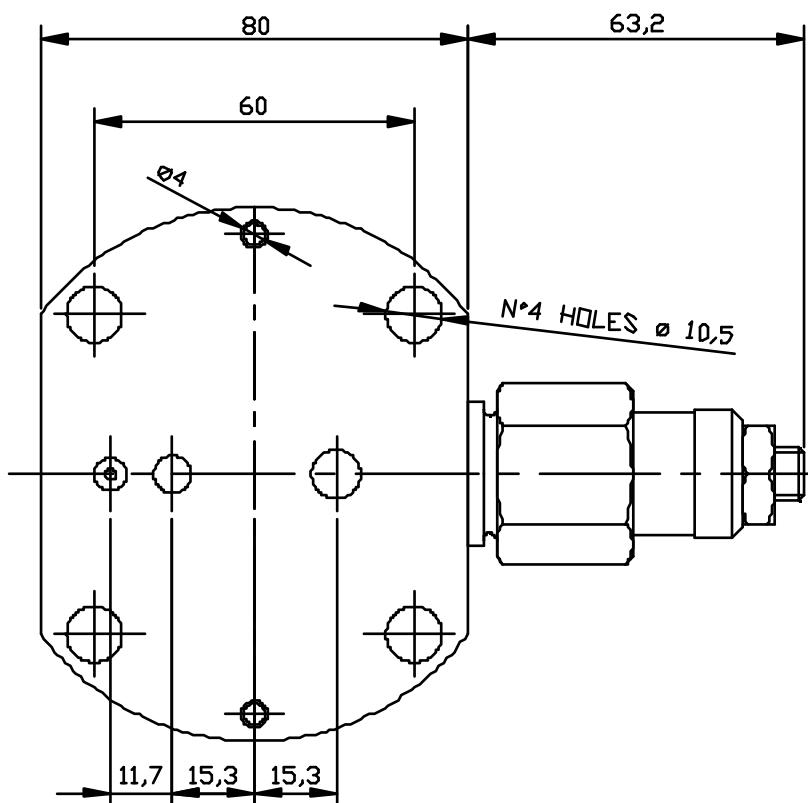
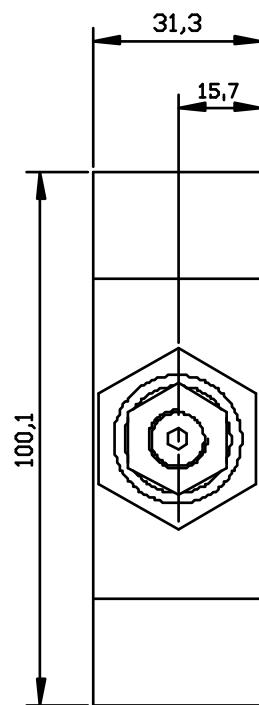
OT200 M 08 D / G 28 P2 - VA

See corrispondent UNIDIRECTIONAL motor tables

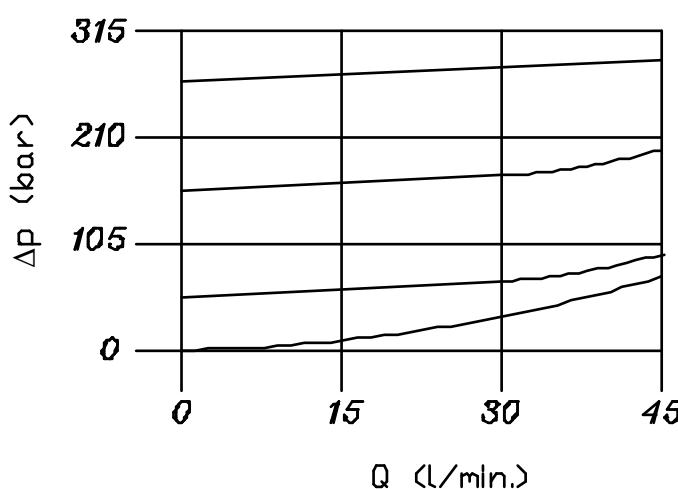
Rear cover with ANTICAVITATION VALVE

REAR COVERS FOR GROUP2 PUMPS AND MOTORS

REAR COVER WITH MAX. PRESSURE VALVE



NOTE: Max Flow 50 (l/min)
 Valve opening pressure 95% of calibration value
 Valve closing pressure 75% of calibration value



EXAMPLE OF ORDERING CODE

OT200 P 08 D / G 28 P2 - VMI - 180

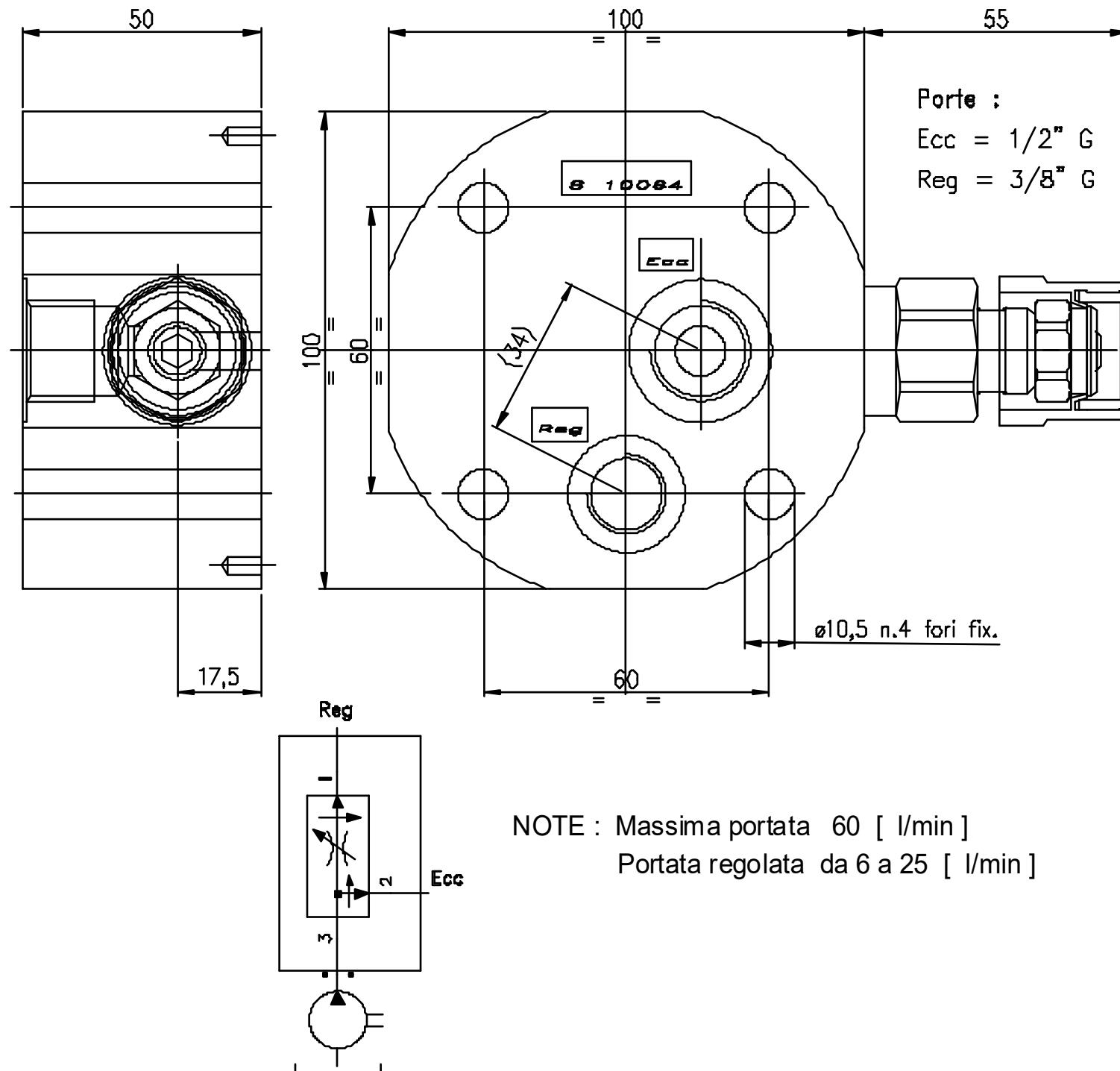
See correspondent UNIDIRECTIONAL pumps tables

Rear cover with max. press. valve

**Adjustable
setting
PRESSURE**

COPERCHI POSTERIORI PER POMPE E MOTORI GRUPPO 2

COPERCHIO PER POMPE CON VALVOLA PRIORITARIA



ESEMPIO DI CODICE D'ORDINAZIONE

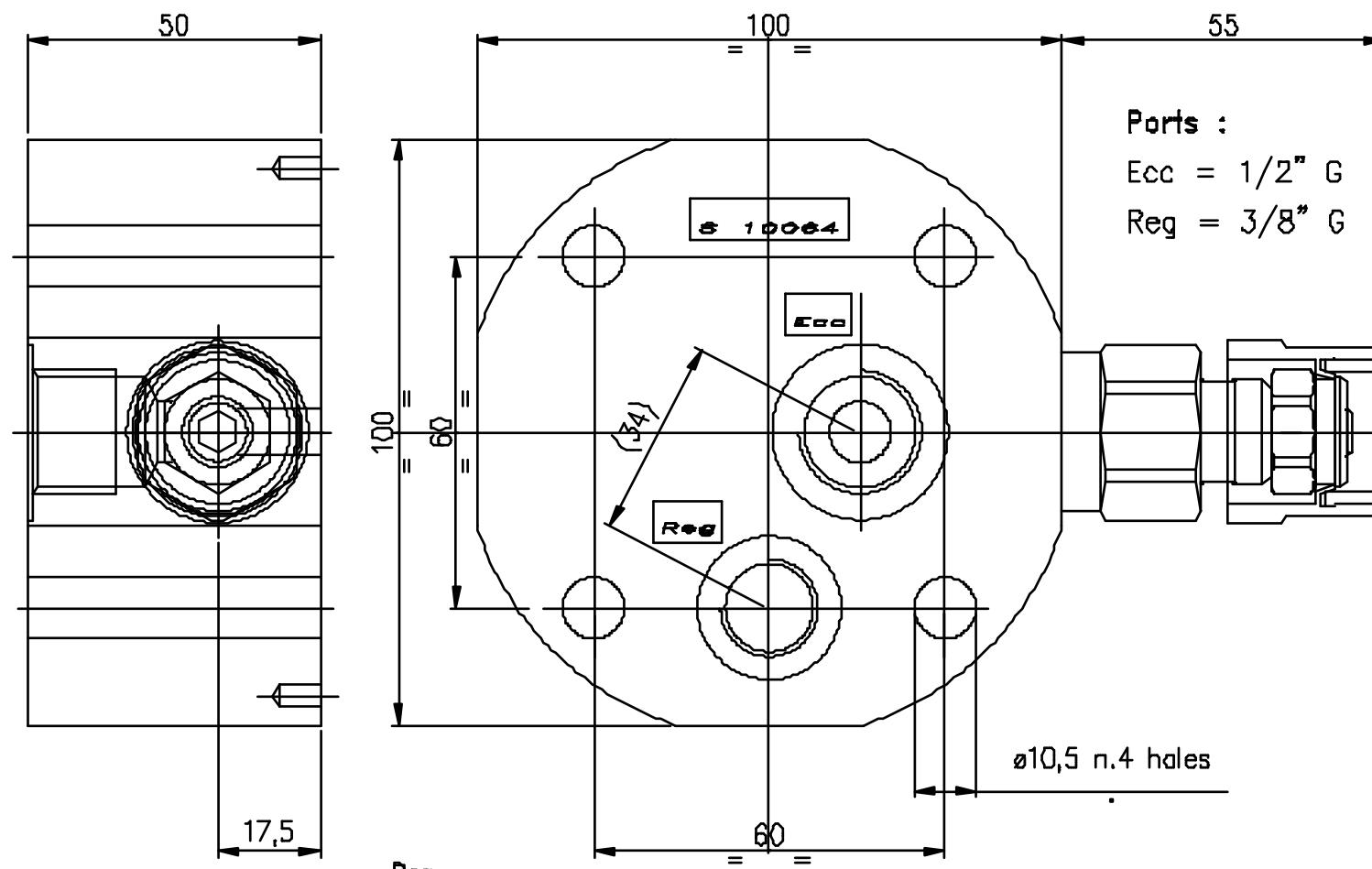
OT200 P 08 D / G 28 P2 - VP6

Vedi tabelle tecniche di corrispondenti pompe unidirezionali

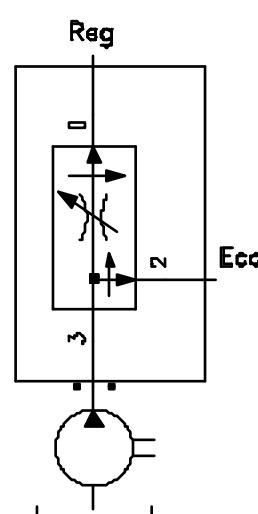
Coperchio con VALVOLA PRIORITARIA

REAR COVERS FOR GROUP2 PUMPS AND MOTORS

REAR COVER WITH PRIORITY VALVE



NOTE : Max flow 60 [l/min]
Setting flow from 6 to 25 [l/min]



EXAMPLE OF ORDERING CODE

OT200 P 08 D / G 28 P2 - VP6

See corrispondent UNIDIRECTIONAL pumps tables

Rear cover with PRIORITY valve