

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA**  
SYSTEMS

UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

# K1P G



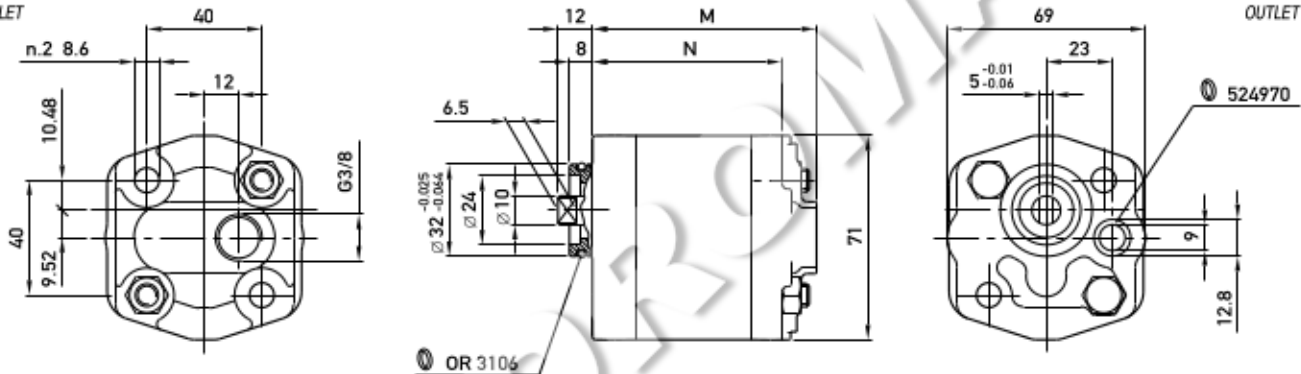
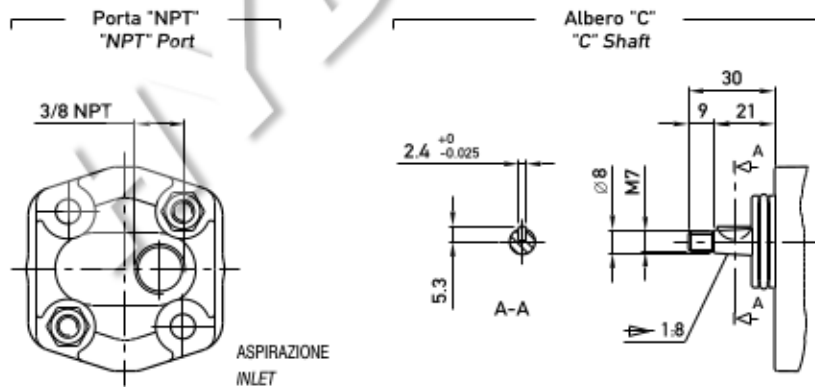
Fissaggio pompa: n. 2 viti M8,  
coppia di serraggio 23 ± 2,4 Nm.

To mount the pump: n. 2 M8 screws, with a  
torque wrench setting fixed at 23 ± 2.4 Nm.

Modello Model	Aspirazione Corpo (profondità utile) Inlet port in the body (thread depth)	Aspirazione coperchio (profondità utile) Inlet port in the cover (thread depth)
*1/4x1/4" °	G1/4 (12 mm)	G1/4 (12 mm)
*1/4CORPO" °	G1/4 (12 mm)	G3/8 (12 mm)
*1/4FOND" °	-	G1/4 (12 mm)
*3/8x3/8" °°	G3/8 (12 mm)	G3/8 (12 mm)

° A richiesta, fino alla taglia 9,2  
°° A richiesta, solo per taglia 11,5

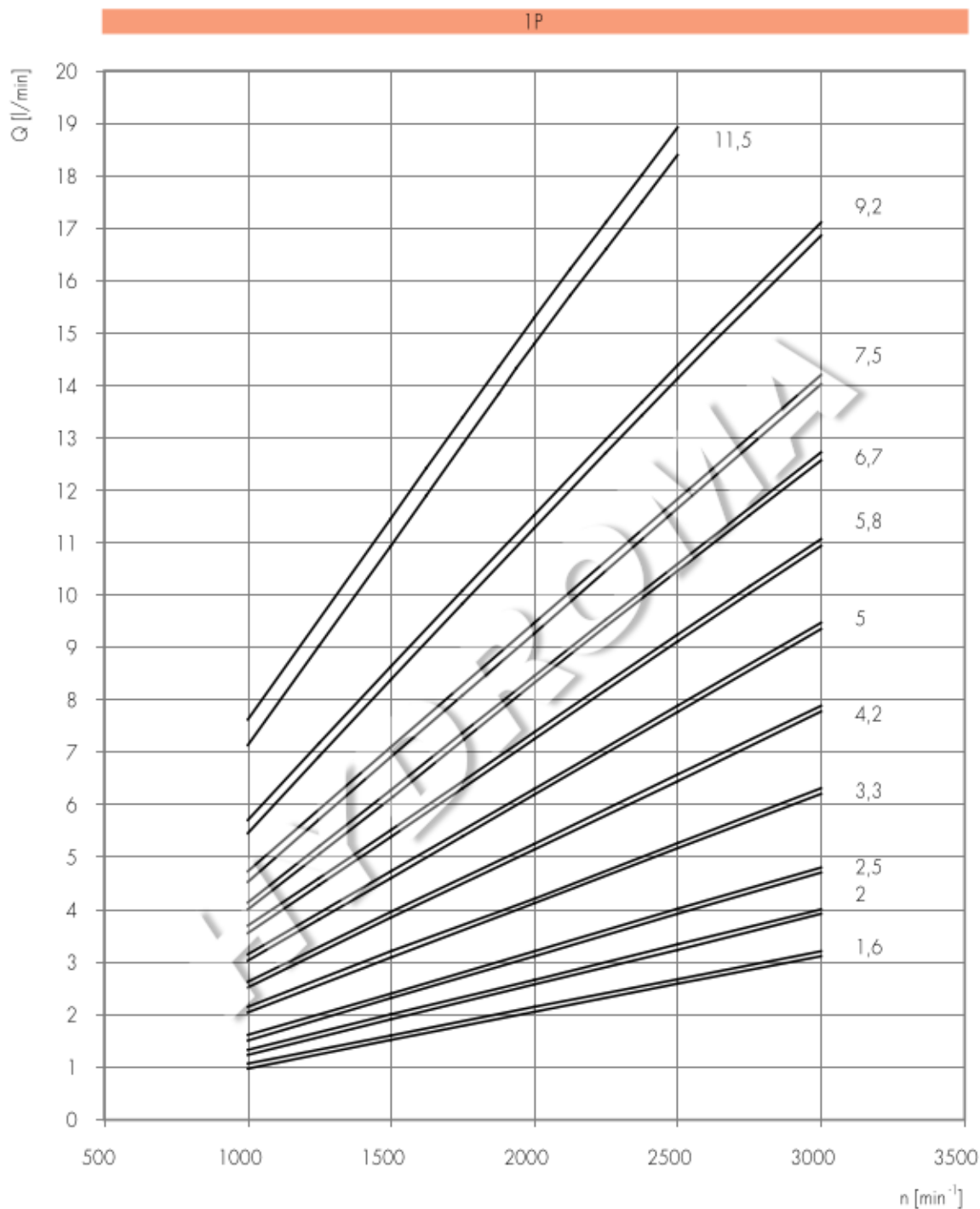
° Upon request, up to 9.2 size.  
°° Upon request only for 11.5 size.

ASPIRAZIONE  
INLETMANDATA  
OUTLET**Opzioni:**  
**Options:**

TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS	
			P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>		M	N
	cm <sup>3</sup> /giro [cm <sup>3</sup> /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm
K1P D 1,6 G	1,1	1,6	230	250	270	6000	74	62
K1P D 2 G	1,3	2,0	230	250	270	6000	75	63
K1P D 2,5 G	1,6	2,4	230	250	270	6000	76	64
K1P D 3,3 G	2,1	3,2	230	250	270	6000	78	66
K1P D 4,2 G	2,7	4,0	230	250	270	6000	80	68
K1P D 5 G	3,2	4,8	210	230	250	5000	82	70
K1P D 5,8 G	3,7	5,6	210	230	250	4500	84	72
K1P D 6,7 G	4,2	6,4	210	230	250	4000	86	74
K1P D 7,5 G	4,8	7,2	190	210	230	3500	88	76
K1P D 9,2 G	5,8	8,7	190	210	230	3000	92	80
K1P D 11,5 G	8,0	11,9	160	180	200	2100	100	88

# 1P CURVE CARATTERISTICHE

# 1P PERFORMANCE CURVES



Le curve sono state ottenute alla temperatura di 50°C, utilizzando olio con viscosità 30 cSt alle pressioni sotto riportate.

Each curve has been obtained at 50°C, using oil with viscosity 30 cSt at these pressure.

1,6  
2  
2,5  
3,3  
4,2

- 25-230 bar

5

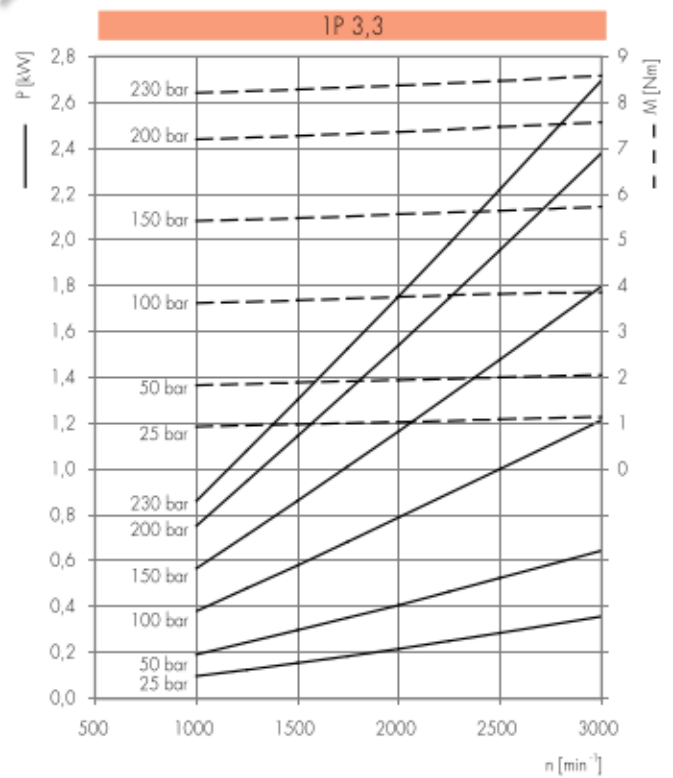
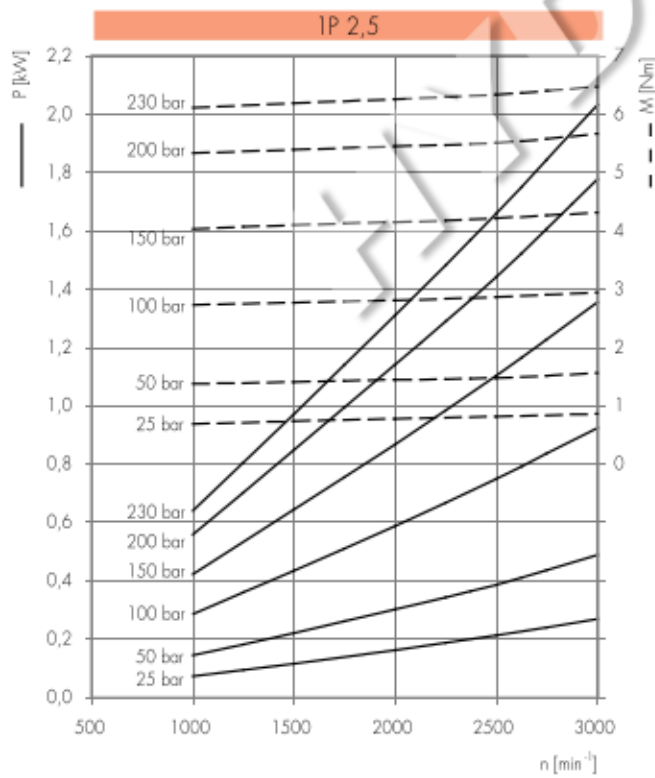
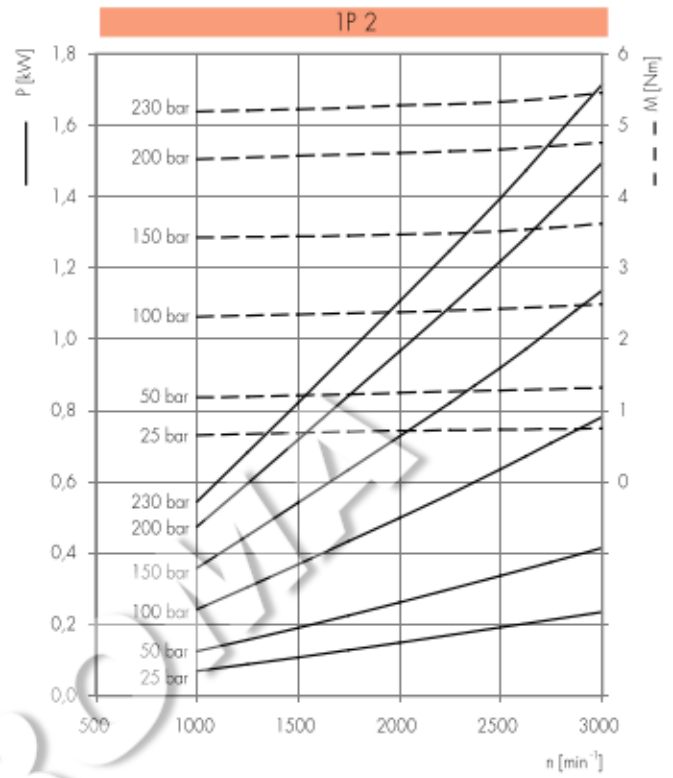
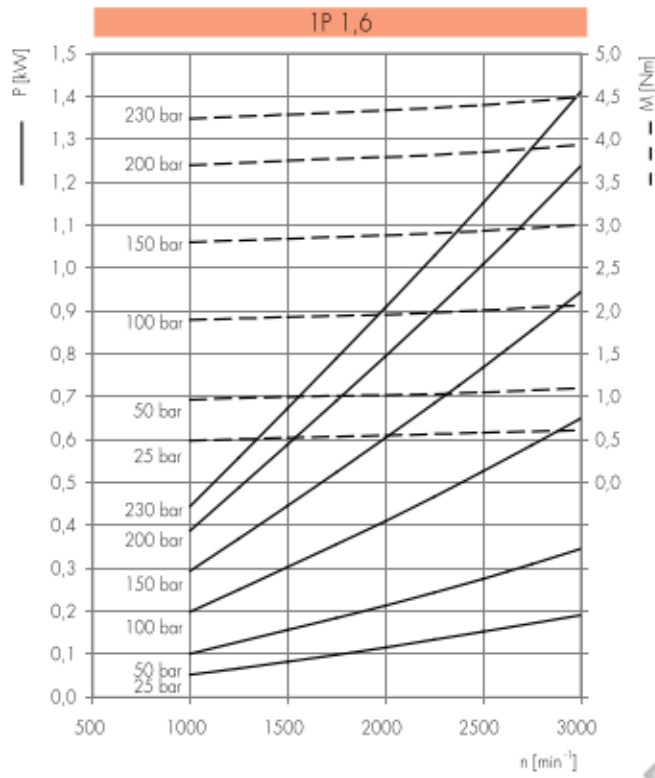
- 25-210 bar

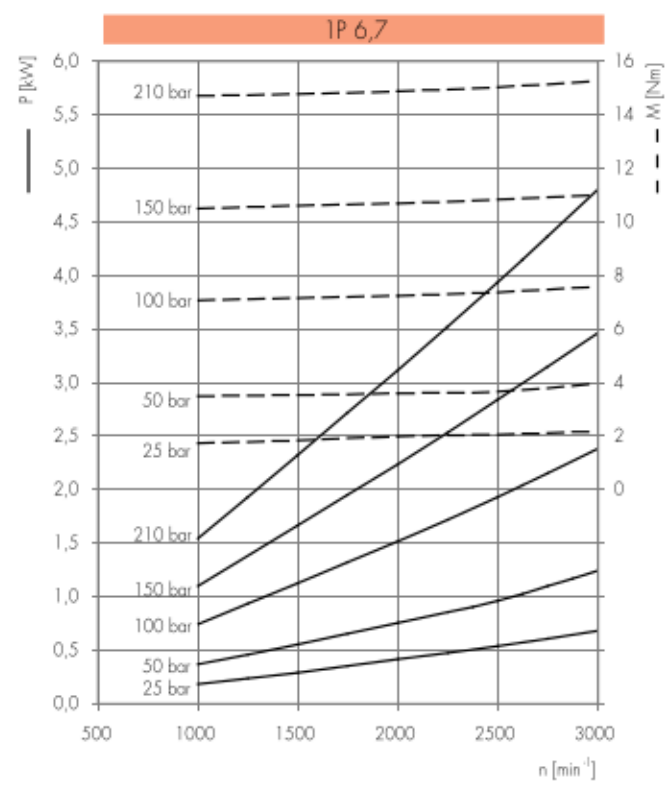
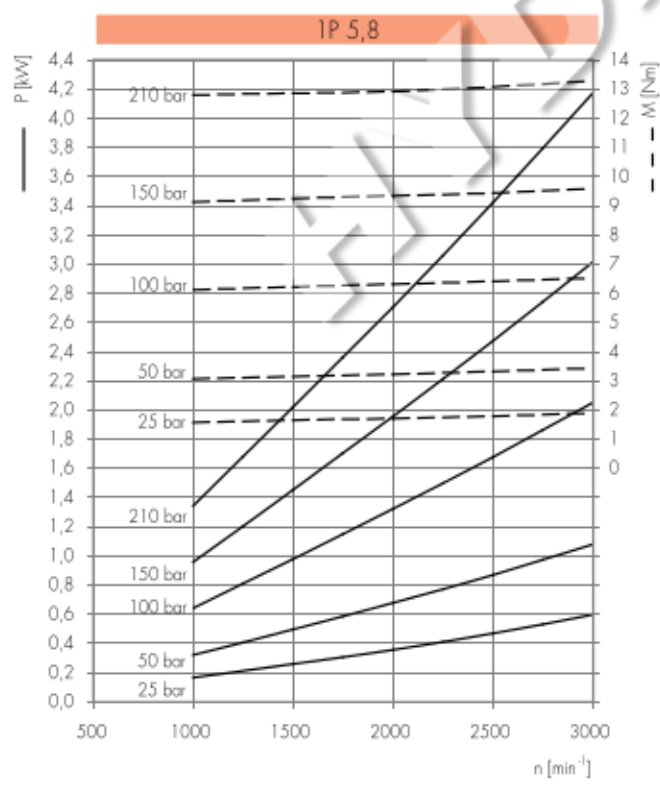
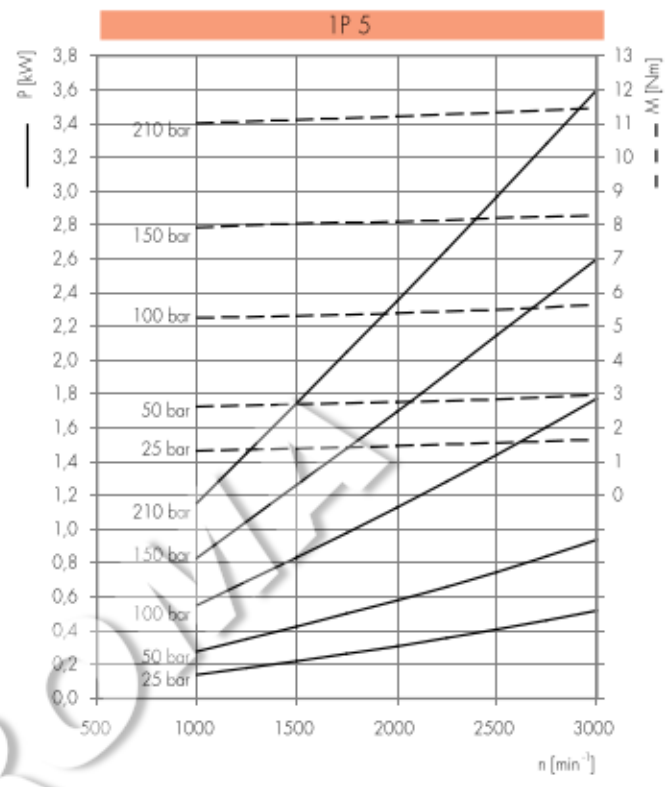
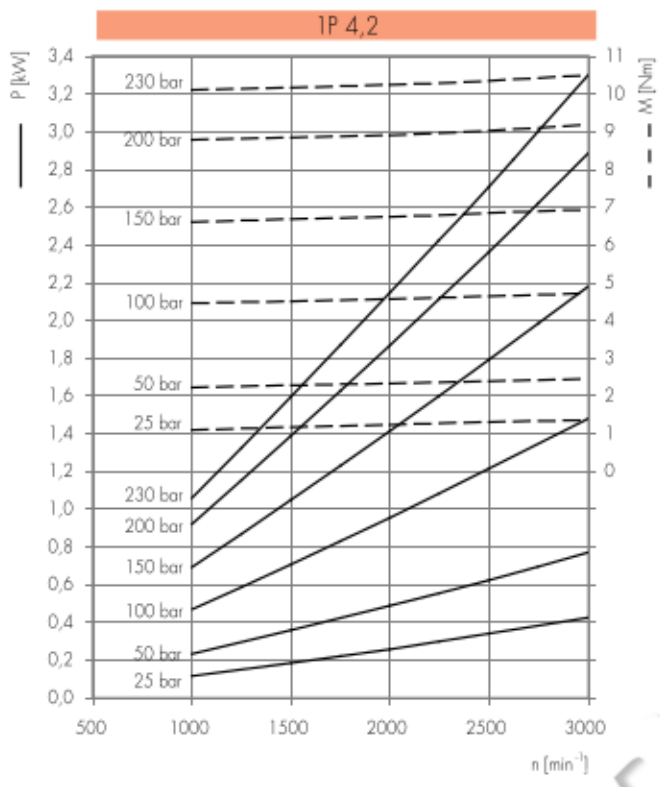
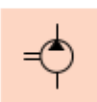
5,8  
6,7

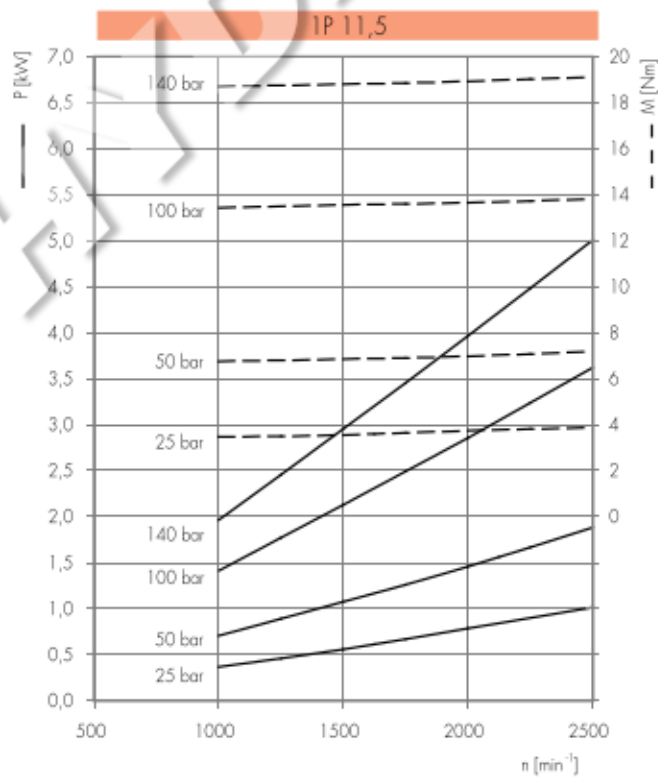
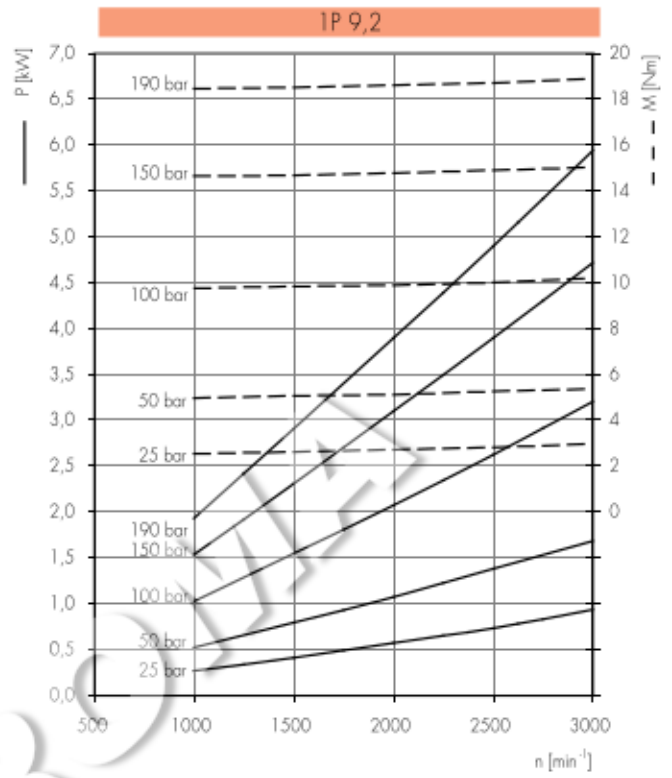
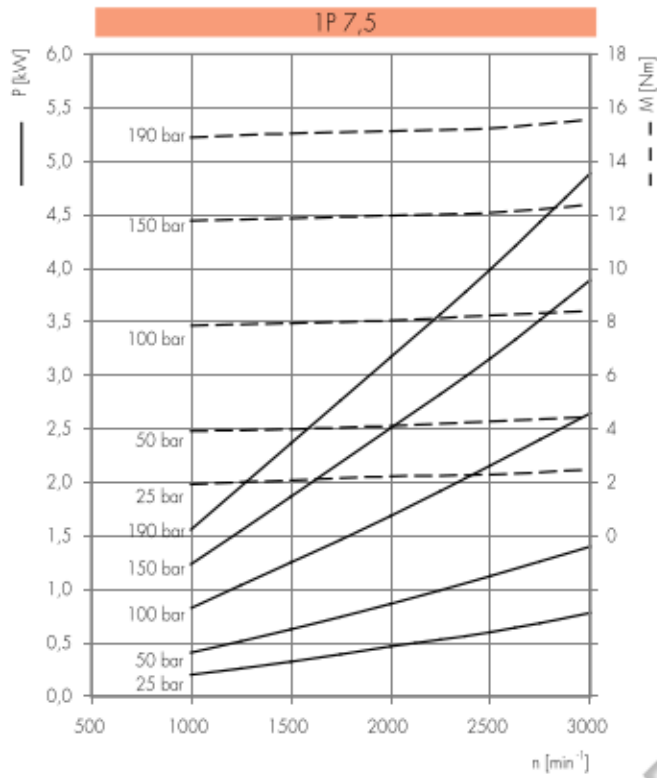
7,5  
9,2

- 25-190 bar

11,5 - 25-140 bar







## COME ORDINARE

Diagramma esplicativo per facilitare la procedura d'ordine

TIPO	ROTAZIONE	TAGLIA	TIPO ALBERO	PORTE	VERSIONI SPECIAL	VALVOLA									
1P	D destra	1.6	- omettere	-	- omettere	* Specificare solo per i tipi K1P, KL1P, KF1P ** Disponibilesolo per i tipi 1P, KL1P, KF1P, 1BK4, 1BK7									
K1P	S sinistra	2	G a penna	GAS	Q anello di tenuta sull'albero										
KL1P	R reversibile	2.5	C conico *	KA	V alte temperature	<table border="1"> <tr> <th>VALVOLA LIMITATRICE DI PRESSIONE</th> <th>DRENAGGIO</th> <th>SETTAGGIO</th> </tr> <tr> <td>- assente</td> <td>DI interno</td> <td>valore (bar)</td> </tr> <tr> <td>VM presente **</td> <td>DE esterno</td> <td></td> </tr> </table>	VALVOLA LIMITATRICE DI PRESSIONE	DRENAGGIO	SETTAGGIO	- assente	DI interno	valore (bar)	VM presente **	DE esterno	
VALVOLA LIMITATRICE DI PRESSIONE	DRENAGGIO	SETTAGGIO													
- assente	DI interno	valore (bar)													
VM presente **	DE esterno														
KF1P		...		NPT	ST temperature speciali										
1BK4				X	TR anello di tenuta sull'albero rinforzato										
1BK7					Z corpo spessore ridotto										
1PBW															



### Nota

Per ordinare una pompa ad ingranaggi 1P doppia fare riferimento alle indicazioni a pagina 31.

## SIMBOLI

Illustrazioni stilizzate sono parte integrante del catalogo, consentono una migliore comprensione dei temi trattati e una più veloce identificazione dei soggetti.

## HOW TO ORDER

Explanatory scheme to make your orders easier.

TYPE	ROTATION	SIZE	SHAFT TYPE	PORTS	SPECIAL VERSIONS	VALVE									
1P	D clockwise	1.6	- omit	-	- omit	* Shaft type choice is compulsory only for K1P, KL1P, KF1P. ** Available only for type 1P, KL1P, KF1P, 1BK4, 1BK7.									
K1P	S counter-clockwise	2	G tang	GAS	Q shaft seal										
KL1P	R reversible	2.5	C tapered *	KA	V high temperature	<table border="1"> <tr> <th>PRESSURE RELIEF VALVE</th> <th>DRAIN</th> <th>SETTING</th> </tr> <tr> <td>- not mounted</td> <td>DI internal</td> <td>value (bar)</td> </tr> <tr> <td>VM mounted **</td> <td>DE external</td> <td></td> </tr> </table>	PRESSURE RELIEF VALVE	DRAIN	SETTING	- not mounted	DI internal	value (bar)	VM mounted **	DE external	
PRESSURE RELIEF VALVE	DRAIN	SETTING													
- not mounted	DI internal	value (bar)													
VM mounted **	DE external														
KF1P		...		NPT	ST special temperature										
1BK4				X	TR reinforced shaft seal										
1BK7					Z body thickness manufacturing										
1PBW															

## SIMBOL

Schematic illustrations are integral part of the text for a quick reference and a better understanding of the subjects concerned.