

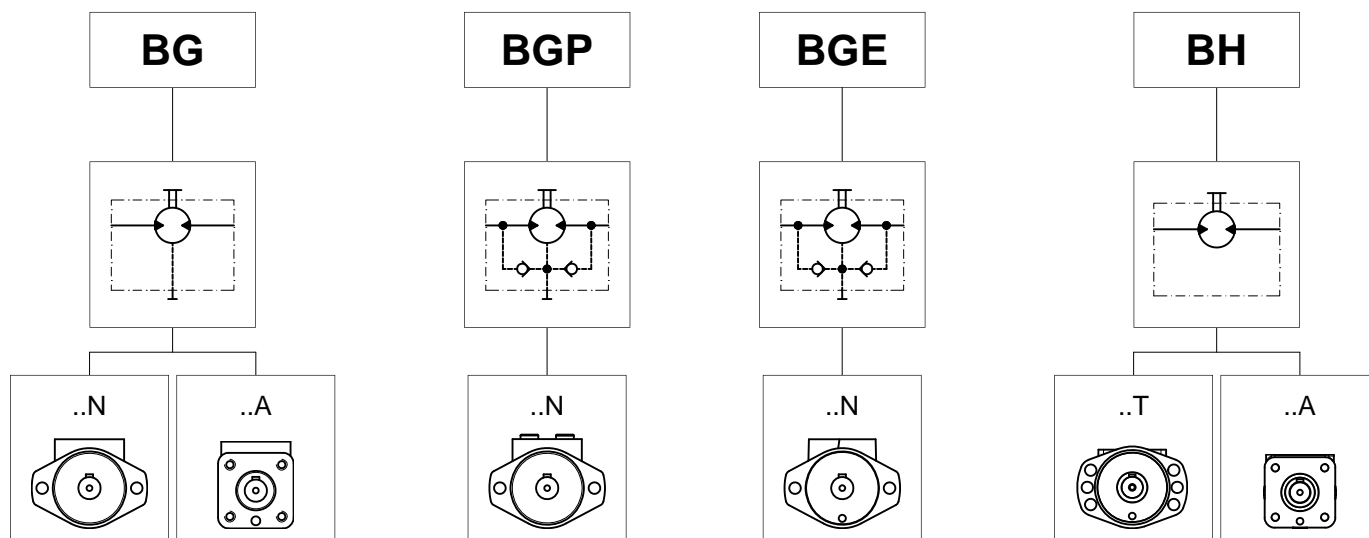
**BG - BH**



***MOTORI ORBITALI***

**HYDRAULIC MOTOR SERIES**

## CARATTERISTICHE DEL MOTORE MOTOR FEATURES

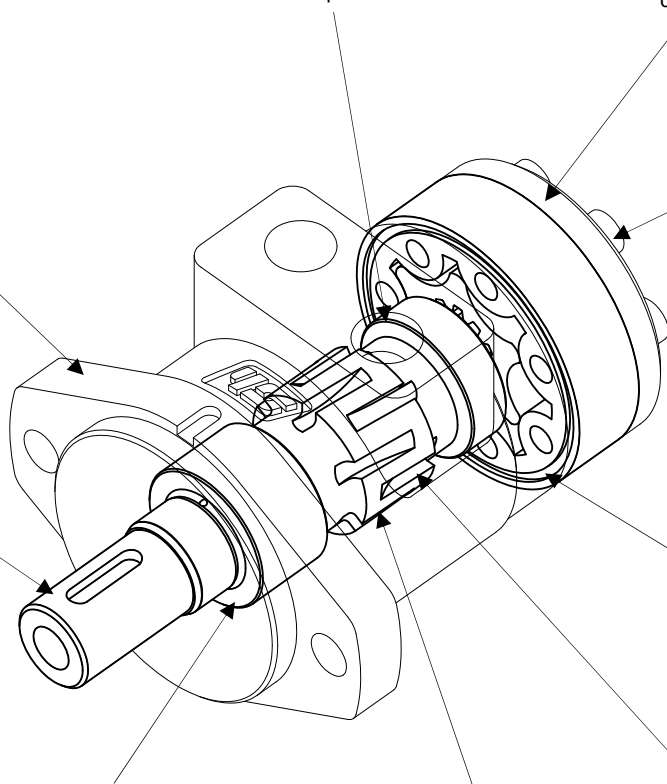


Una ampia gamma di valvole flangiabili, è disponibile su richiesta.  
A wide range of flangeable valves are available on request.

Foro di drenaggio posteriore per un facile collegamento.  
Rear drain port for easier connection.

Flangia a 2 e 4 fori.  
2 bolts and 4 bolts mounting flange option.

Albero cilindrico  $\varnothing 25$  mm e  $\varnothing 25.4$  mm oppure scanalato  $\varnothing 25$  mm.  
0.97 in straight, 1 in straight, 0.97 in splined option.



7 viti coperchio posteriore in acciaio ad alta resistenza per sopportare gli sforzi causati dall'alta pressione.  
7 rear cover bolts made of high tensile steel to resist the stress caused by high pressure.

Profilo del gerotor del tipo ad alto rendimento per elevate prestazioni e durata.  
High efficiency profile gerotor set.

Parapolvere per proteggere la guarnizione dell'albero dalle impurità.  
Dust seal to protect the seal from dust.

Valvola di distribuzione integrata nell'albero di distribuzione. Tolleranze molto ridotte assicurano un basso drenaggio.  
Spool valve integral to the output shaft featuring optimized clearance geometry and so minimizing the oil slippage.

Il profilo delle cave assicura un azionamento morbido e silenzioso anche alle velocità più basse.  
Optimized grooves profile to ensure smooth and quiet running even at very low speed.

Serie Series		Cilindrata Displacement		Flangia Mounting		Alberi Shafts		Opzioni Options	
BG		130		A		C25.4			
CODICE CODE	Serie Series	CODICE CODE	Cilindrata Displacement	CODICE CODE	Flangia Mounting	CODICE CODE	Alberi Shafts	CODICE CODE	Opzioni Options
BG	Motore BG BG Motor	40	40 cm <sup>3</sup> /giro [2.44 in <sup>3</sup> /rev]	A	4 Fori <sup>(1)</sup> 4 Bolts <sup>(1)</sup>	C25	Cilindrico Ø25 mm Parallel keyed 0.97 in		Nessuna opzione Without options
BGP	Motore BGP BGP Motor	50	49 cm <sup>3</sup> /giro [2.99 in <sup>3</sup> /rev]	N	2 Fori 2 4 Bolts	SD25	Scanalato 1" 6B 1" 6B Splined	TAC-U	Tachimetro <sup>(2)</sup> Tachometer <sup>(2)</sup>
BGE	Motore BGE BGE Motor	80	73 cm <sup>3</sup> /giro [4.45 in <sup>3</sup> /rev]			C25.4	Cilindrico Ø25.4 mm Parallel keyed 1 in	HPS	Guarnizione alta pressione High Pressure Seal
		100	101 cm <sup>3</sup> /giro [6.16 in <sup>3</sup> /rev]					HPS TAC-U	Guarnizione alta pressione+Tachimetro <sup>(2)</sup> High Pressure Seal+Tachometer <sup>(2)</sup>
		130	128 cm <sup>3</sup> /giro [7.80 in <sup>3</sup> /rev]					FKM	Guarnizioni VITON VITON Seals
		160	168 cm <sup>3</sup> /giro [10.24 in <sup>3</sup> /rev]					BFL	Collettore BFL <sup>(1)</sup> BFL Manifold <sup>(1)</sup>
		200	195 cm <sup>3</sup> /giro [11.89 in <sup>3</sup> /rev]						
		250	244 cm <sup>3</sup> /giro [14.88 in <sup>3</sup> /rev]						
		315	292 cm <sup>3</sup> /giro [17.81 in <sup>3</sup> /rev]						
		400	390 cm <sup>3</sup> /giro [23.79 in <sup>3</sup> /rev]						

(1) Disponibile solo con serie BG  
Available only with BG series  
(2) Non disponibile con serie BGP  
Not available with BGP series

*In caso di caratteristiche non elencate, contattare Uff. Tecnico.*  
Please contact technical department for not listed features.

**CARATTERISTICHE TECNICHE**  
**TECHNICAL SPECIFICATIONS**

**DATI TECNICI PER MOTORE BG CON ALBERI C25 E C25.4**  
**BG MOTOR TECHNICAL DATA WITH 0.975 in AND 1 IN. PARALLEL KEYED SHAFT**

Motore Motor	Cilindrata Displacement	Pressione max ingresso Max. input pressure	Pressione diff. max. Max. differential pressure	Coppia max. Max. torque	Portata max. Max. flow	Velocità max. Max. speed	Potenza max. Max. horsepower
	cm <sup>3</sup> /rev [in <sup>3</sup> /rev]	bar [psi]	bar [psi]	Nm [lbf-ft]	l/min [U.S. gpm]	giri/min [rpm]	kW [hp]
<b>BG 40</b>	40 [2.44]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 100 [1450] 140 [2030] 200 [2900]	Cont Int <sup>(1)</sup> 74 [54.2]	Cont Int <sup>(1)</sup> 55 [14.5] 65 [17.2]	Cont Int <sup>(1)</sup> 1375 1625	Cont Int <sup>(1)</sup> 6 [8.04] 8.5 [11.4]
<b>BG 50</b>	49 [2.99]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>(1)</sup> 120[88.4]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 1220 1530	Cont Int <sup>(1)</sup> 10 [13.4] 12 [16.1]
<b>BG 80</b>	73 [4.45]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int* Peak <sup>(2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int* 175 [128.9]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 820 1025	Cont Int <sup>(1)</sup> 9.5 [12.7] 12 [16.1]
<b>BG 100</b>	101 [6.16]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>(1)</sup> 230 [169.5]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 590 740	Cont Int <sup>(1)</sup> 10.5 [14] 13 [17.4]
<b>BG 130</b>	128 [7.80]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>(1)</sup> 290 [213.7]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 465 585	Cont Int <sup>(1)</sup> 10 [13.4] 12 [16.1]
<b>BG 160</b>	168 [10.24]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>(1)</sup> 370 [272.6]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 355 445	Cont Int <sup>(1)</sup> 10 [13.4] 12 [16.1]
<b>BG 200</b>	195 [11.89]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 115 [1670] 160 [2320] 200 [2900]	Cont Int <sup>(1)</sup> 390 [287.4]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 305 380	Cont Int <sup>(1)</sup> 8 [10.7] 15 [20.1]
<b>BG 250</b>	244 [14.88]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 95 [1377] 125 [1810] 180 [2610]	Cont Int <sup>(1)</sup> 400 [294.8]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 245 305	Cont Int <sup>(1)</sup> 6 [8.1] 8 [10.7]
<b>BG 315</b>	292 [17.81]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 80 [1160] 105 [1522] 160 [2320]	Cont Int <sup>(1)</sup> 400 [294.8]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 205 255	Cont Int <sup>(1)</sup> 5 [6.7] 7 [9.4]
<b>BG 400</b>	390 [23.79]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>(1)</sup> Peak <sup>(2)</sup> 60 [870] 80 [1160] 130 [1890]	Cont Int <sup>(1)</sup> 400 [294.8]	Cont Int <sup>(1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>(1)</sup> 150 190	Cont Int <sup>(1)</sup> 4 [5.4] 6 [8.1]

1) Le condizioni intermittenti non devono durare più del 10% di ogni minuto. Intermittent duty must not exceed 10% every minute.  
2) Le condizioni di picco non devono durare più del 1% di ogni minuto. Peak duty must not exceed 1% of every minute.

**DATI TECNICI PER MOTORE BG CON ALBERO SD25**  
**BG MOTOR TECHNICAL DATA WITH 1 IN. SPLINED SHAFT**

Motore Tipo Motor Type	Cilindrata Displacement	Pressione max ingresso Max. input pressure		Pressione diff. max. Max. differential pressure		Coppia max. Max. torque		Portata max. Max. flow		Velocità max. Max. speed		Potenza max. Max. horsepower	
	cm <sup>3</sup> /rev [in <sup>3</sup> /rev]	bar [psi]		bar [psi]		Nm [lbf-ft]		l/min [U.S. gpm]		giri/min [rpm]		kW [hp]	
<b>BG 40</b>	40 [2.44]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	100 [1450] 140 [2030] 225 [3262]	Cont Int <sup>1)</sup>	52 [38.3] 74 [54.5]	Cont Int <sup>1)</sup>	55 [14.5] 65 [17.2]	Cont Int <sup>1)</sup>	1375 1625	Cont Int <sup>1)</sup>	6 [8.04] 8.5 [11.39]
<b>BG 50</b>	49 [2.99]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup>	93 [68.5] 120 [88.4]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	1220 1530	Cont Int <sup>1)</sup>	10 [13.4] 12 [16.1]
<b>BG 80</b>	73 [4.45]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 200 [2900] 225 [3262]	Cont Int* Peak <sup>2)</sup>	140 [2030] 175 [2540] 225 [3262]	Cont Int*	140 [103.1] 175 [128.9]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	820 1025	Cont Int <sup>1)</sup>	9.5 [12.7] 12 [16.1]
<b>BG 100</b>	101 [6.16]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup>	190 [140] 230 [169.5]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	590 740	Cont Int <sup>1)</sup>	10.5 [14] 13 [17.4]
<b>BG 130</b>	128 [7.80]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup>	240 [176.8] 290 [213.7]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	465 585	Cont Int <sup>1)</sup>	10 [13.4] 12 [16.1]
<b>BG 160</b>	168 [10.24]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup>	300 [221.1] 370 [272.7]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	355 445	Cont Int <sup>1)</sup>	10 [13.4] 12 [16.1]
<b>BG 200</b>	195 [11.89]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup>	360 [265.3] 420 [309.5]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	305 380	Cont Int <sup>1)</sup>	10 [13.4] 12 [16.1]
<b>BG 250</b>	244 [14.88]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	110 [1595] 140 [2030] 180 [2610]	Cont Int <sup>1)</sup>	360 [265.3] 440 [324.2]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	245 305	Cont Int <sup>1)</sup>	8 [10.7] 10 [13.4]
<b>BG 315</b>	292 [17.81]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	90 [1310] 115 [1667] 160 [2320]	Cont Int <sup>1)</sup>	360 [265.3] 440 [324.2]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	205 255	Cont Int <sup>1)</sup>	5.6 [7.8] 7.5 [10.1]
<b>BG 400</b>	390 [23.79]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup>	70 [1020] 90 [1310] 130 [1890]	Cont Int <sup>1)</sup>	360 [265.3] 440 [324.2]	Cont Int <sup>1)</sup>	60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup>	150 190	Cont Int <sup>1)</sup>	4.7 [6.3] 6 [8.1]

1) Le condizioni intermittenti non devono durare più del 10% di ogni minuto. Intermittent duty must not exceed 10% every minute.

2) Le condizioni di picco non devono durare più del 1% di ogni minuto. Peak duty must not exceed 1% of every minute.

MOTORE MOTOR		Press.max.scar.con dren. Max return pressure with drain line	Press.max.avviam.a vuoto Max starting pressure with no load	Coppia minima di spunto Min starting torque	
		bar [psi]	bar [psi]	Nm [lbf ft]	
<b>BG</b>	<b>40</b>	140 [2030]	10 [145]	A press. diff. max At max Δp	Cont. Int. 45 [33.2] 60 [44.2]
<b>BG</b>	<b>50</b>	140 [2030]	10 [145]	A press. diff. max At max Δp	Cont. Int. 70 [51.6] 90 [66.3]
<b>BG</b>	<b>80</b>	140 [2030]	10 [145]	A press. diff. max At max Δp	Cont. Int. 105 [77.4] 135 [99.5]
<b>BG</b>	<b>100</b>	140 [2030]	10 [145]	A press. diff. max At max Δp	Cont. Int. 150 [111] 190 [140]
<b>BG</b>	<b>130</b>	140 [2030]	9 [131]	A press. diff. max At max Δp	Cont. Int. 190 [140] 240 [177]
<b>BG</b>	<b>160</b>	140 [2030]	8 [116]	A press. diff. max At max Δp	Cont. Int. 250 [184] 315 [232]
<b>BG</b>	<b>200</b>	140 [2030]	7 [102]	A press. diff. max At max Δp	Cont. Int. 255 [188] 320 [236]
<b>BG</b>	<b>250</b>	140 [2030]	6 [87]	A press. diff. max At max Δp	Cont. Int. 265 [195] 345 [254]
<b>BG</b>	<b>315</b>	140 [2030]	6 [87]	A press. diff. max At max Δp	Cont. Int. 250 [184] 330 [243]
<b>BG</b>	<b>400</b>	140 [2030]	6 [87]	A press. diff. max At max Δp	Cont. Int. 265 [195] 355 [262]

Pressione massima di scarico senza drenaggio o massima pressione nella linea di drenaggio. I motori sono forniti nella versione con guarnizioni standard (diagramma Standard) o nella versione con guarnizioni ad alta pressione (diagramma HPS).

Per condizioni di pressione e velocità non contemplate dal presente grafico si consiglia di contattare la S.A.M. Hydraulik.  
 N.B.: Sulla versione TAC/U non è possibile installare guarnizioni HPS.

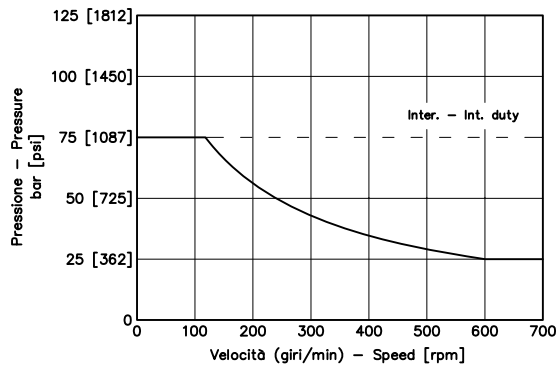
Max. return pressure without drain line or max. pressure in the drain line.

Motor are supplied in standard seal version (Standard chart) or in HPS seal version (HPS chart).

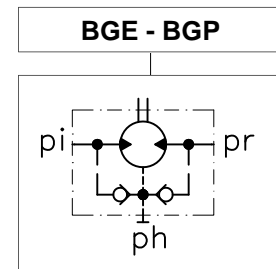
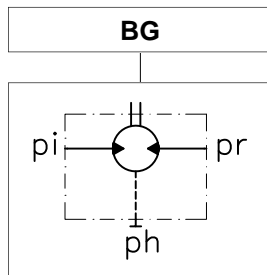
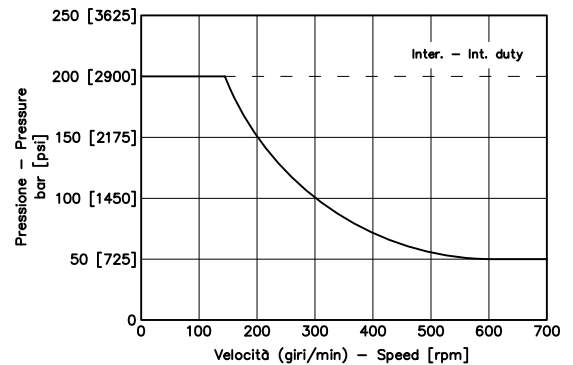
For pressure and speeds not showed in the curve below, please contact S.A.M. Hydraulik.

N.B.: TAC/U version is not available with HPS seals.

**STANDARD**



**HPS**



Nei motori BG non sono presenti le valvole interne di drenaggio.

La pressione sulla guarnizione (ph) è la media tra le pressioni di alimentazione e di scarico del motore. Se ph supera il valore di tabella (pag. C/3) occorre aprire il drenaggio.

BG motors don't feature built-in check valves.  
 The (ph) pressure on the seal is the average between inlet and return pressure. If ph exceeds rated figures (see page C/3), the drain line must be connected

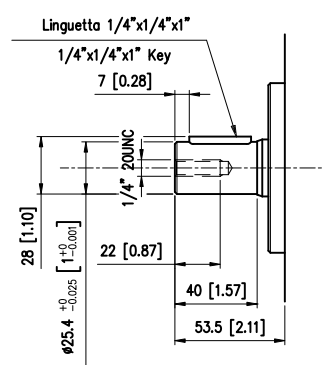
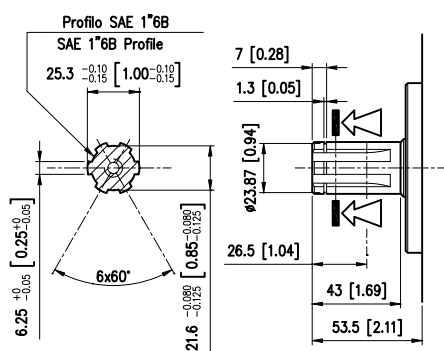
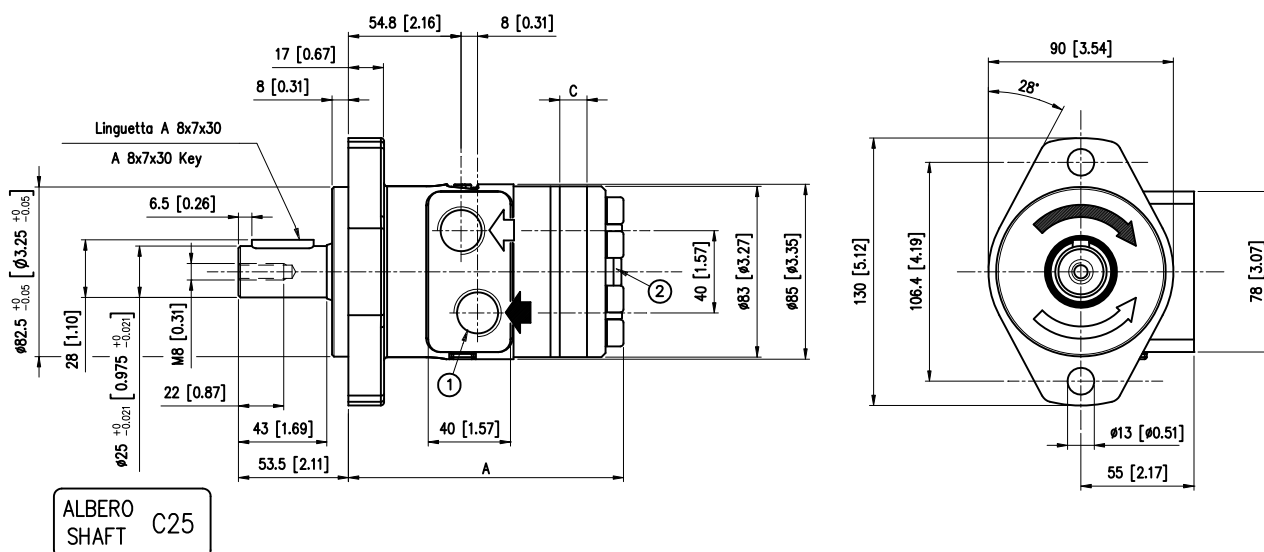
Nei motori BGE e BGP sono presenti le valvole interne di drenaggio. La pressione sulla guarnizione (ph) è uguale alla pressione di scarico del motore. Se ph supera il valore di tabella (pag. C/3) occorre aprire il drenaggio.

BGE and BGP motors feature built-in check valves.  
 The (ph) pressure on the seal is equal to the motor return pressure. If ph exceeds rated figures (see page C/3), the drain line must be connected.

$$Ph = \frac{pi + pr}{2} [\text{bar}]$$

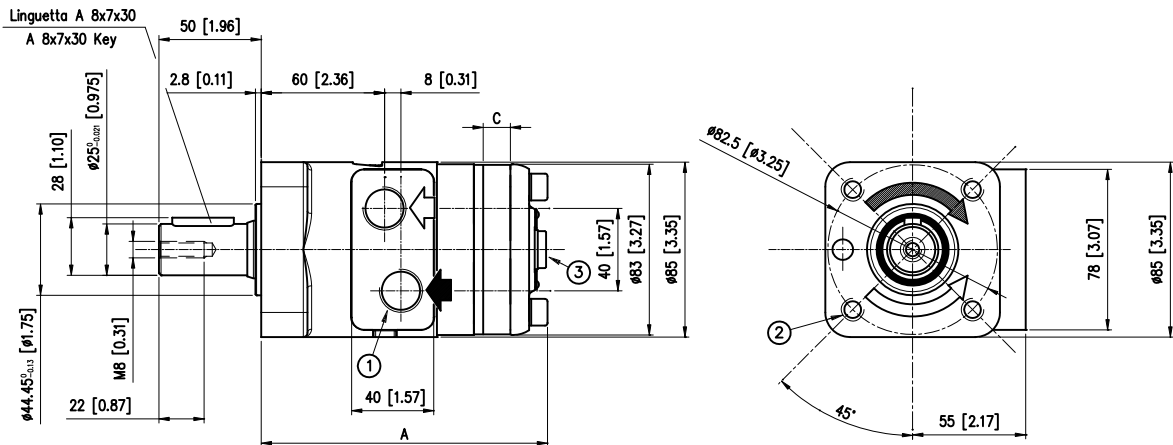
ph = pressione in carcassa  
 pi = pressione di alimentazione  
 pr = pressione di scarico

ph = housing pressure  
 pi = inlet pressure  
 pr = outlet pressure

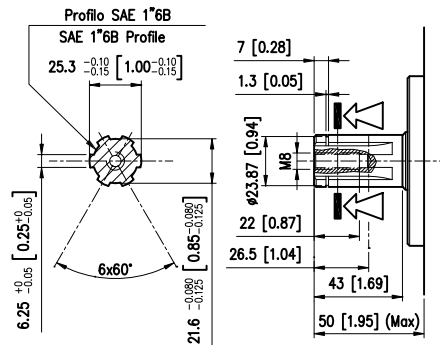


- 1) N° 2 fori di alimentazione 1/2 G (BSPP) profondità filetto 18 mm  
No. 2 1/2 G (BSPP) main ports thread depth 0.7 in
- 2) Drenaggio motore 1/4 G (BSPP) profondità filetto 12 mm  
1/4 G (BSPP) drain motor thread depth 0.47 in

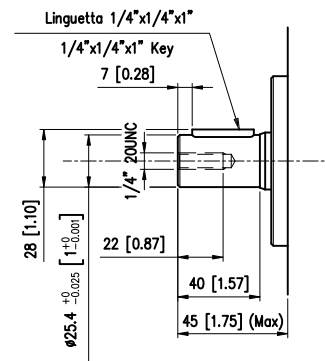
		BG 40	BG 50	BG 80	BG 100	BG 130	BG 160	BG 200	BG 250	BG 315	BG 400
<b>A</b>	<b>mm [in]</b>	127.5 [5.01]	127.5 [5.01]	130.5 [5.14]	134.5 [5.29]	138.5 [5.45]	143.5 [5.65]	146.5 [5.77]	153.5 [6.04]	162.5 [6.40]	172.5 [6.79]
<b>B</b>	<b>mm [in]</b>	-	-	-	-	-	-	-	-	-	-
<b>C</b>	<b>mm [in]</b>	6.3 [0.25]	6.3 [0.25]	9.5 [0.37]	13.3 [0.51]	16.2 [0.66]	21.9 [0.85]	25.5 [0.99]	31.7 [1.24]	38.1 [1.49]	50.8 [1.98]
<b>Peso - Weight</b>	<b>kg [lb]</b>	5.5 [12.1]	5.5 [12.1]	5.6 [12.3]	5.8 [12.8]	5.9 [13.0]	6.1 [13.4]	6.3 [13.9]	6.5 [14.3]	6.8 [15.0]	7.3 [16.1]



ALBERO  
SHAFT C25



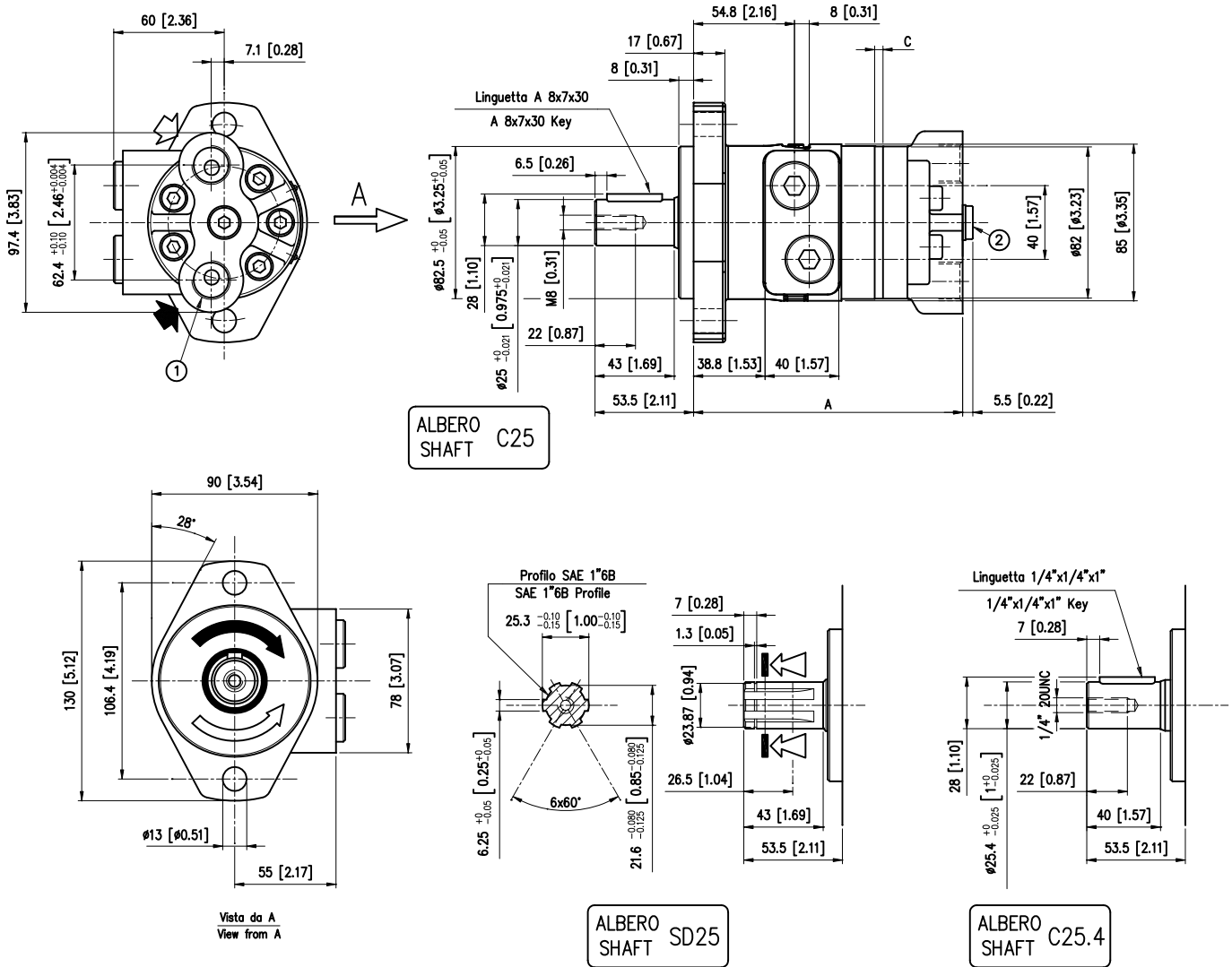
ALBERO  
SHAFT SD25



ALBERO  
SHAFT C25.4

- 1) N° 2 fori di alimentazione 1/2 G (BSPP) profondità filetto 18 mm  
No. 2 1/2 G (BSPP) main ports thread depth 0.70 in
- 2) N° 4 3/8 16UNC profondità filetto 17 mm  
No. 4 3/8 16UNC thread depth 0.66 in
- 3) Drenaggio motore 1/4 G (BSPP) profondità filetto 12 mm  
1/4 G (BSPP) drain motor thread depth 0.47 in

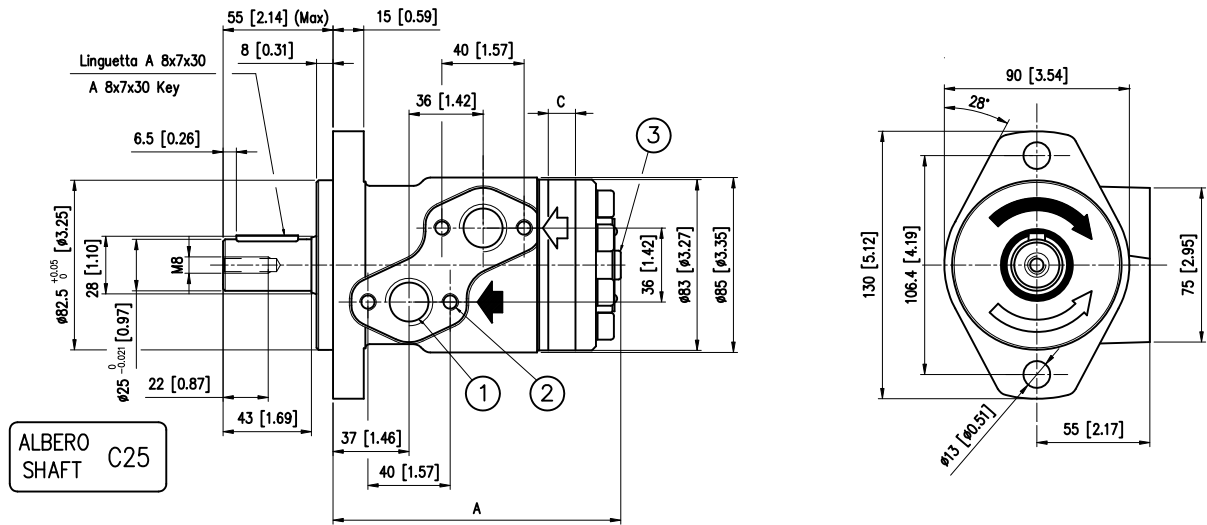
		BG 40	BG 50	BG 80	BG 100	BG 130	BG 160	BG 200	BG 250	BG 315	BG 400
<b>A</b>	<b>mm [in]</b>	133.1 [5.24]	133.1 [5.24]	136.3 [5.36]	140 [5.51]	143.7 [5.65]	148.7 [5.85]	152.2 [5.99]	158.5 [6.24]	165 [6.49]	177.5 [6.98]
<b>B</b>	<b>mm [in]</b>	-	-	-	-	-	-	-	-	-	-
<b>C</b>	<b>mm [in]</b>	6.3 [0.25]	6.3 [0.25]	9.5 [0.37]	13.3 [0.51]	16.2 [0.66]	21.9 [0.85]	25.5 [0.99]	31.7 [1.24]	38.1 [1.49]	50.8 [1.98]
<b>Peso - Weight</b>	<b>kg [lb]</b>	5.5 [12.1]	5.5 [12.1]	5.6 [12.3]	5.8 [12.8]	5.9 [13.0]	6.1 [13.4]	6.3 [13.9]	6.5 [14.3]	6.8 [15.0]	7.3 [16.1]



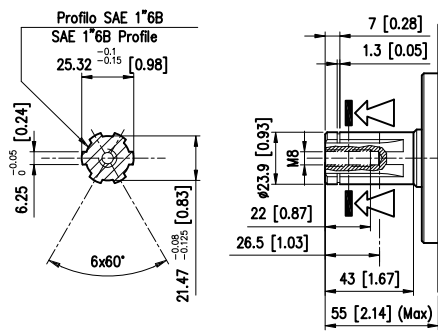
- 1) N° 2 fori di alimentazione 1/2 G (BSPP) profondità filetto 18 mm  
No. 2 1/2 G (BSPP) main ports thread depth 0.70 in
- 2) Drenaggio motore 1/4 G (BSPP) profondità filetto 15.5 mm  
1/4 G (BSPP) drain motor thread depth 0.60 in

		BGP 40	BGP 50	BGP 80	BGP 100	BGP 130	BGP 160	BGP 200	BGP 250	BGP 315	BGP 400
<b>A</b>	<b>mm [in]</b>	140 [5.51]	140 [5.51]	143 [5.63]	147 [5.79]	150.2 [5.91]	155.5 [6.12]	159 [6.26]	165 [6.50]	171.5 [6.75]	187.5 [7.38]
<b>B</b>	<b>mm [in]</b>	-	-	-	-	-	-	-	-	-	-
<b>C</b>	<b>mm [in]</b>	6.3 [0.25]	6.3 [0.25]	9.5 [0.37]	13.3 [0.51]	16.2 [0.66]	21.9 [0.85]	25.5 [0.99]	31.7 [1.24]	38.1 [1.49]	50.8 [1.98]
<b>Peso - Weight</b>	<b>kg [lb]</b>	6.5 [14.3]	6.5 [14.3]	6.6 [14.5]	6.8 [15.0]	6.9 [15.2]	7.1 [15.6]	7.3 [16.1]	7.5 [16.5]	7.8 [17.2]	8.3 [18.3]

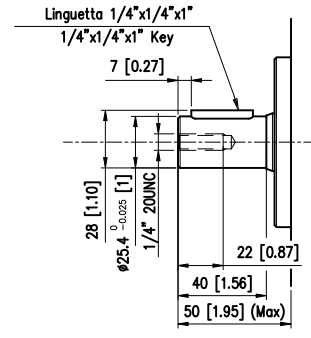




**ALBERO**  
**SHAFT C25**



**ALBERO**  
**SHAFT SD25**

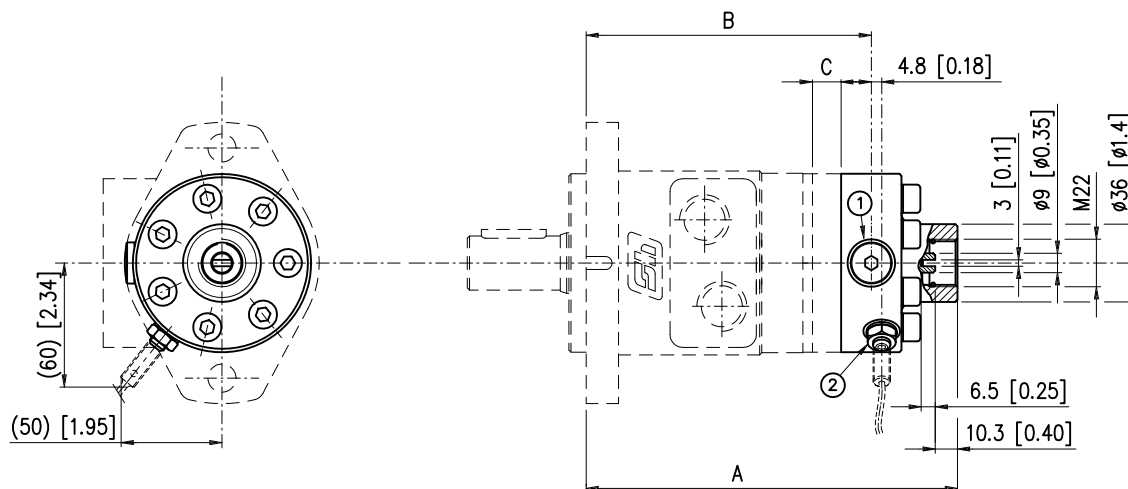


**ALBERO**  
**SHAFT C25.4**

- 1) N° 2 fori di alimentazione 1/2 G (BSPP) profondità filetto 18 mm  
No. 2 1/2 G (BSPP) main ports thread depth 0.70 in
- 2) N° 4 fori M8 tratto utile filetto 16 mm  
No. 4 M8 thread depth 0.62 in
- 3) Drenaggio motore 1/4 G (BSPP) profondità filetto 12 mm  
1/4 G (BSPP) drain motor thread depth 0.47 in

		BGE 40	BGE 50	BGE 80	BGE 100	BGE 130	BGE 160	BGE 200	BGE 250	BGE 315	BGE 400
<b>A</b>	<b>mm [in]</b>	135 [5.27]	135 [5.27]	138 [5.38]	142 [5.54]	146 [5.69]	151 [5.89]	154 [6.01]	161 [6.28]	167 [6.51]	180 [7.02]
<b>C</b>	<b>mm [in]</b>	6.3 [0.25]	6.3 [0.25]	9.5 [0.37]	13.3 [0.51]	16.2 [0.66]	21.9 [0.85]	25.5 [0.99]	31.7 [1.24]	38.1 [1.49]	50.8 [1.98]
<b>Peso - Weight</b>	<b>kg [lb]</b>	5.5 [12.1]	5.5 [12.1]	5.6 [12.3]	5.8 [12.8]	5.9 [13.0]	6.1 [13.4]	6.3 [13.9]	6.5 [14.3]	6.8 [15.0]	7.3 [16.1]

- 1) Drenaggio motore 1/4 G (BSPP) profondità filetto 12mm  
1/4 G (BSPP) drain motor thread depth 0.471IN
- 2) Attacco sensore M8x1  
Sensor connection M8x1



**ATTENZIONE:**

- L'alberino contagiri ha velocità pari a 6 volte quella dell'albero primario del motore e senso di rotazione opposto.
- N.B. Non sono accettati carichi assiali o radiali sull'albero contagiri. Coppia massima trasmissibile 1Nm.
- Il motore viene fornito senza il sensore elettronico: se necessario, richiederlo in fase di ordinazione.
- Pressione massima ammessa sulla guarnizione dell'albero contagiri con drenaggio chiuso: 25 bar.

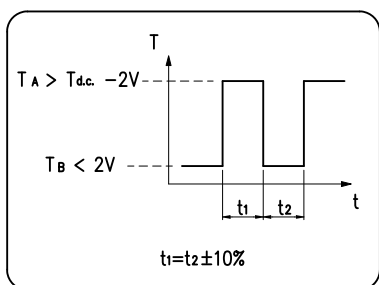
**WARNING:**

- Tacho shaft has a 6 times higher revolution speed than the motor shaft and opposite direction of rotation.
- NOTE: Axial or radial load on tacho shaft must be avoided. Max torque on tacho 1 Nm [0.73 lbf-ft].
- The electronic sensor is not supplied: if required, please state it clearly on order form.
- Max pressure admissible on the shaft seal with closed drain port 25 bar [363 psi].

		BG 40	BG 50	BG 80	BG 100	BG 130	BG 160	BG 200	BG 250	BG 315	BG 400
<b>A</b>	<b>mm [in]</b>	163 [6.42]	163 [6.42]	166 [6.53]	170 [6.70]	174 [6.85]	179 [7.05]	182 [7.16]	189 [7.44]	195 [7.68]	208 [8.19]
<b>B</b>	<b>mm [in]</b>	123 [4.84]	123 [4.84]	126 [4.96]	130 [5.12]	134 [5.27]	139 [5.47]	142 [5.59]	149 [5.86]	155 [6.10]	168 [6.61]
<b>C</b>	<b>mm [in]</b>	6.3 [0.25]	6.3 [0.25]	9.5 [0.37]	13.3 [0.51]	16.2 [0.66]	21.9 [0.85]	25.5 [0.99]	31.7 [1.24]	38.1 [1.49]	50.8 [1.98]
<b>Peso - Weight</b>	<b>kg [lb]</b>	6 [13.2]	6 [13.2]	6.1 [13.4]	6.3 [13.9]	6.4 [14.1]	6.6 [14.5]	6.8 [15.0]	7.0 [15.4]	7.3 [16.1]	7.8 [17.2]

**CARATTERISTICHE TECNICHE DEL SENSORE ELETTRONICO**  
**ELECTRONIC SENSOR TECHNICAL FEATURES**

Segnale in uscita versione elettronica  
Output signal electronic tacho



Numero d'impulsi per giro = 90  
Principio di funzionamento induttivo  
Funzione di uscita PNP  
Tensione nominale 10-65 V d.c.  
Caricabilità massima 300 mA  
Frequenza massima 10000 Hz  
Campo di temperatura -25C +85C  
Grado di protezione IP 67

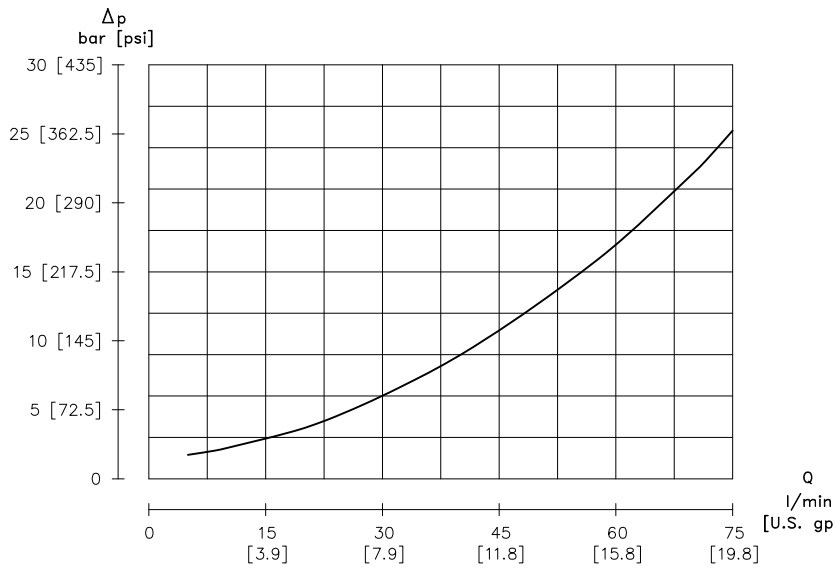
Versioni disponibili:

- Sensore con cavo a tre fili lunghezza 2 metri (cod.424.0050.0000)
- Sensore con attacco per connettore tipo binder (cod.424.0060.0000) + connettore tipo binder
- con cavo a tre fili lunghezza 5 metri (cod.424.0080.0000)

Number of pulses per revolution = 90  
Inductive principle  
Output current PNP  
Voltage 10-65 V d.c.  
Max load 300 mA  
Max frequency 10000 Hz  
Temperature range -25C +85C  
Enclosure IP 67

Available versions:

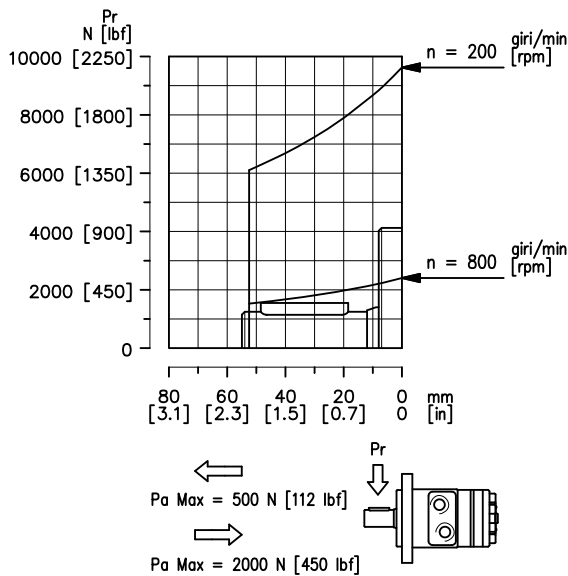
- Sensor with 2 metres three wires cable (cod.424.0050.0000)
- Sensor with binder plug connection (cod.424.0060.0000) + binder connecting
- plug with 5 metres three wires cable (cod.424.0080.0000)



Il diagramma è stato ottenuto con prove eseguite su un numero significativo di motori, utilizzando un'olio avente una viscosità cinematica di 37 cSt alla temperatura di 45° C.

Diagram according to tests done with a nuge number of motors and using hydraulic oil with kinematic viscosity of 37 cSt at 45° C temperature.

**CARICHI AMMESSI SULL'ALBERO  
SHAFT LOAD CAPACITY**

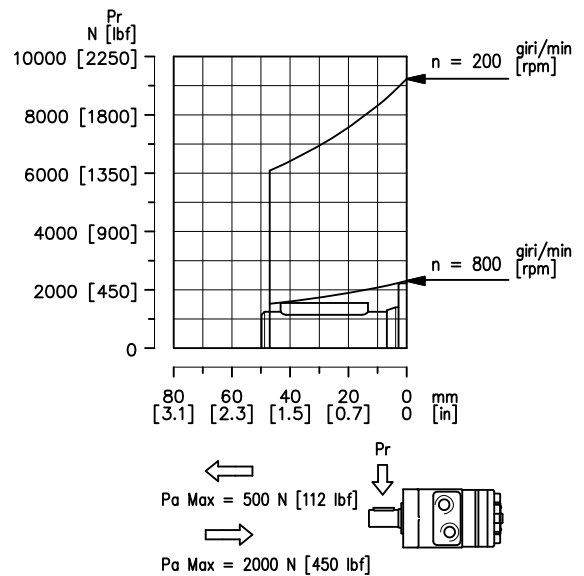


Formula utilizzabile per il calcolo del carico radiale ( $P_r$ ) ai vari numeri di giri, e alle varie distanze dalla flangia tipo "N" ovale 2 fori.

Radial load capacity ( $P_r$ ) cur ve according to speed and distance from flange, valid for the 2-bolt flange type "N"

$$P_r = \frac{800}{n} \cdot \frac{219000}{91 + L} [N]$$

$n \geq 200$  giri / min [rpm]  
 $L \leq 52$  mm



Formula utilizzabile per il calcolo del carico radiale ( $P_r$ ) ai vari numeri di giri, e alle varie distanze dalla flangia tipo "A" 4 fori.

Radial load capacity ( $P_r$ ) cur ve according to speed and distance from flange, valid for the 4-bolt flange type "A".

$$P_r = \frac{800}{n} \cdot \frac{210000}{91 + L} [N]$$

$n \geq 200$  giri / min [rpm]  
 $L \leq 47$  mm

Serie Series	Cilindrata Displacemet	Flangia Mounting	Attacchi Porting	Alberi Shafts	Opzioni Options					
<b>BH</b>	<b>130</b>	<b>A</b>	<b>1/2" NPTF</b>	<b>C25.4</b>						
	CODICE CODE	Cilindrata Displacement	CODICE CODE	Flangia Mounting	CODICE CODE	Attacchi Porting	CODICE CODE	Alberi Shafts	CODICE CODE	Opzioni Options
	50	49 cm <sup>3</sup> /giro [2.99 in <sup>3</sup> /rev]	A	4 Fori 4 Bolts	7/8"	7/8"-14 UNF SAE10	C25.4	Cilindrico Ø25.4 mm 1 in Parallel keyed		Nessuna opzione Without options
	80	73 cm <sup>3</sup> /giro [4.45 in <sup>3</sup> /rev]	T	2 o 4 Fori 2 or 4 Bolts	1/2" NPTF	1/2"-14 NPTF	SE25	Scanalato 1" 6B 1" 6B Spline		
	100	101 cm <sup>3</sup> /giro [6.16 in <sup>3</sup> /rev]			BFL	Manifold	SE21	Scanalato 7/8" - Z13 7/8" - 13 Tooth Spline		
	130	128 cm <sup>3</sup> /giro [7.81 in <sup>3</sup> /rev]					CS25.4	Cilindrico Ø25.4 mm con foro 1 in Parallel keyed with Crosshole		
	160	168 cm <sup>3</sup> /giro [10.25 in <sup>3</sup> /rev]								
	200	195 cm <sup>3</sup> /giro [11.89 in <sup>3</sup> /rev]								
	250	244 cm <sup>3</sup> /giro [14.88 in <sup>3</sup> /rev]								
	315	292 cm <sup>3</sup> /giro [17.81 in <sup>3</sup> /rev]								
	400	390 cm <sup>3</sup> /giro [23.79 in <sup>3</sup> /rev]								

*In caso di caratteristiche non elencate, contattare Uff. Tecnico.*  
Please contact technical department for not listed features.

**CARATTERISTICHE TECNICHE**  
**TECHNICAL SPECIFICATIONS**

**DATI TECNICI PER MOTORE BH CON ALBERO C25.4**  
**BH MOTOR TECHNICAL DATA WITH 1 IN. PARALLEL KEYPED SHAFT**

Motore Motor	Cilindrata Displacement	Pressione max ingresso Max. input pressure	Pressione diff. max. Max. differential pressure	Coppia max. Max. torque	Portata max. Max. flow	Velocità max. Max. speed	Potenza max. Max. horsepower
	cm <sup>3</sup> /rev [in <sup>3</sup> /rev]	bar [psi]	bar [psi]	Nm [lbf-ft]	l/min [U.S. gpm]	giri/min [rpm]	kW [hp]
<b>BH 50</b>	49 [2.99]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup> 93 [68.5] 120 [88.4]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 1220 1530	Cont Int <sup>1)</sup> 10 [13.4] 12 [16.1]
<b>BH 80</b>	73 [4.45]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int* Peak <sup>2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int* 140 [103.1] 175 [128.9]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 820 1025	Cont Int <sup>1)</sup> 9.5 [12.7] 12 [16.1]
<b>BH 100</b>	101 [6.16]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup> 190 [140] 230 [169.5]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 590 740	Cont Int <sup>1)</sup> 10.5 [14] 13 [17.4]
<b>BH 130</b>	128 [7.80]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup> 240 [176.8] 290 [213.7]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 465 585	Cont Int <sup>1)</sup> 10 [13.4] 12 [16.1]
<b>BH 160</b>	168 [10.24]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 140 [2030] 175 [2540] 225 [3262]	Cont Int <sup>1)</sup> 300 [221.1] 370 [272.6]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 355 445	Cont Int <sup>1)</sup> 10 [13.4] 12 [16.1]
<b>BH 200</b>	195 [11.89]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 200 [2900] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 115 [1670] 160 [2320] 200 [2900]	Cont Int <sup>1)</sup> 300 [221.1] 390 [287.4]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 305 380	Cont Int <sup>1)</sup> 8 [10.7] 15 [20.1]
<b>BH 250</b>	244 [14.88]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 95 [1377] 125 [1810] 180 [2610]	Cont Int <sup>1)</sup> 300 [221.1] 400 [294.8]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 245 305	Cont Int <sup>1)</sup> 6 [8.1] 8 [10.7]
<b>BH 315</b>	292 [17.81]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 80 [1160] 105 [1522] 160 [2320]	Cont Int <sup>1)</sup> 300 [221.1] 400 [294.8]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 205 255	Cont Int <sup>1)</sup> 5 [6.7] 7 [9.4]
<b>BH 400</b>	390 (23.79)	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 165 [2392] 195 [2827] 225 [3262]	Cont Int <sup>1)</sup> Peak <sup>2)</sup> 60 [870] 80 [1160] 130 [1890]	Cont Int <sup>1)</sup> 300 [221.1] 400 [294.8]	Cont Int <sup>1)</sup> 60 [15.9] 75 [19.8]	Cont Int <sup>1)</sup> 150 190	Cont Int <sup>1)</sup> 4 [5.4] 6 [8.1]

1) Le condizioni intermittenti non devono durare più del 10% di ogni minuto. Intermittent duty must not exceed 10% every minute.

2) Le condizioni di picco non devono durare più del 1% di ogni minuto. Peak duty must not exceed 1% of every minute.

## DATI TECNICI PER MOTORE BH CON ALBERO SE25 BH MOTOR TECHNICAL DATA WITH 1 IN. SPLINED SHAFT

Motore Tipo Motor Type	Cilindrata Displacement cm <sup>3</sup> /rev [in <sup>3</sup> /rev]	Pressione max ingresso Max. input pressure		Pressione diff. max. Max. differential pressure		Coppia max. Max. torque		Portata max. Max. flow		Velocità max. Max. speed		Potenza max. Max. horsepower	
		bar [psi]		bar [psi]		Nm [lbf-ft]		l/min [U.S. gpm]		giri/min [rpm]		kW [hp]	
BH 50	49 [2.99]	Cont	165 [2392]	Cont	140 [2030]	Cont	93 [68.5]	Cont	60 [15.9]	Cont	1220	Cont	10 [13.4]
		Int <sup>(1)</sup>	200 [2900]	Int <sup>(1)</sup>	175 [2540]	Int <sup>(1)</sup>	120 [88.4]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	1530	Int <sup>(1)</sup>	12 [16.1]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	225 [3262]								
BH 80	73 [4.45]	Cont	165 [2392]	Cont	140 [2030]	Cont	140 [103.1]	Cont	60 [15.9]	Cont	820	Cont	9.5 [12.7]
		Int <sup>(1)</sup>	200 [2900]	Int*	175 [2540]	Int*	175 [128.9]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	1025	Int <sup>(1)</sup>	12 [16.1]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	225 [3262]								
BH 100	101 [6.16]	Cont	165 [2392]	Cont	140 [2030]	Cont	190 [140]	Cont	60 [15.9]	Cont	590	Cont	10.5 [14]
		Int <sup>(1)</sup>	200 [2900]	Int <sup>(1)</sup>	175 [2540]	Int <sup>(1)</sup>	230 [169.5]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	740	Int <sup>(1)</sup>	13 [17.4]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	225 [3262]								
BH 130	128 [7.80]	Cont	165 [2392]	Cont	140 [2030]	Cont	240 [176.8]	Cont	60 [15.9]	Cont	465	Cont	10 [13.4]
		Int <sup>(1)</sup>	200 [2900]	Int <sup>(1)</sup>	175 [2540]	Int <sup>(1)</sup>	290 [213.7]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	585	Int <sup>(1)</sup>	12 [16.1]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	225 [3262]								
BH 160	168 [10.24]	Cont	165 [2392]	Cont	140 [2030]	Cont	300 [221.1]	Cont	60 [15.9]	Cont	355	Cont	10 [13.4]
		Int <sup>(1)</sup>	200 [2900]	Int <sup>(1)</sup>	175 [2540]	Int <sup>(1)</sup>	370 [272.7]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	445	Int <sup>(1)</sup>	12 [16.1]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	225 [3262]								
BH 200	195 [11.89]	Cont	165 [2392]	Cont	140 [2030]	Cont	360 [265.3]	Cont	60 [15.9]	Cont	305	Cont	10 [13.4]
		Int <sup>(1)</sup>	200 [2900]	Int <sup>(1)</sup>	175 [2540]	Int <sup>(1)</sup>	420 [309.5]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	380	Int <sup>(1)</sup>	12 [16.1]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	225 [3262]								
BH 250	244 [14.88]	Cont	165 [2392]	Cont	110 [1595]	Cont	360 [265.3]	Cont	60 [15.9]	Cont	245	Cont	8 [10.7]
		Int <sup>(1)</sup>	195 [2827]	Int <sup>(1)</sup>	140 [2030]	Int <sup>(1)</sup>	440 [324.2]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	305	Int <sup>(1)</sup>	10 [13.4]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	180 [2610]								
BH 315	292 [17.81]	Cont	165 [2392]	Cont	90 [1310]	Cont	360 [265.3]	Cont	60 [15.9]	Cont	205	Cont	5.6 [7.8]
		Int <sup>(1)</sup>	195 [2827]	Int <sup>(1)</sup>	115 [1667]	Int <sup>(1)</sup>	440 [324.2]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	255	Int <sup>(1)</sup>	7.5 [10.1]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	160 [2320]								
BH 400	390 [23.79]	Cont	165 [2392]	Cont	70 [1020]	Cont	360 [265.3]	Cont	60 [15.9]	Cont	150	Cont	4.7 [6.3]
		Int <sup>(1)</sup>	195 [2827]	Int <sup>(1)</sup>	90 [1310]	Int <sup>(1)</sup>	440 [324.2]	Int <sup>(1)</sup>	75 [19.8]	Int <sup>(1)</sup>	190	Int <sup>(1)</sup>	6 [8.1]
		Peak <sup>(2)</sup>	225 [3262]	Peak <sup>(2)</sup>	130 [1890]								

1) Le condizioni intermittenti non devono durare più del 10% di ogni minuto. Intermittent duty must not exceed 10% every minute.

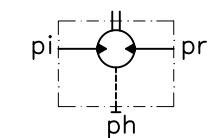
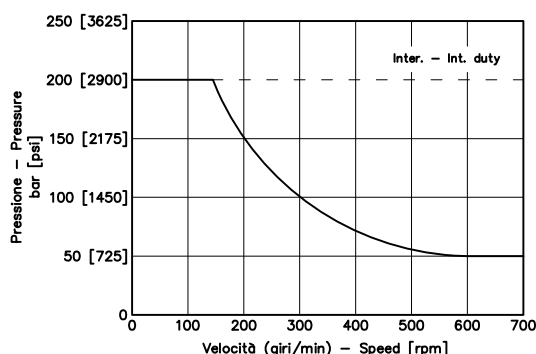
2) Le condizioni di picco non devono durare più del 1% di ogni minuto. Peak duty must not exceed 1% of every minute.

## PRESSIONE IN CARCASSA E DRENAGGIO CASE PRESSURE AND CASE DRAIN

# BH

La pressione ammissibile in carcassa è riportata nel grafico. Elevate pressioni in carcassa comportano basse velocità dell'albero. Se la massima pressione in carcassa è elevata, è necessario utilizzare il drenaggio.

Allowable case pressure is showed in the diagram below - diagram based on case pressure and shaft speed. Allowable case pressure is highest at low shaft speed. If max. allowable case pressure is exceeded, case drain line is needed.



$$Ph = \frac{pi + pr}{2} [\text{bar}]$$

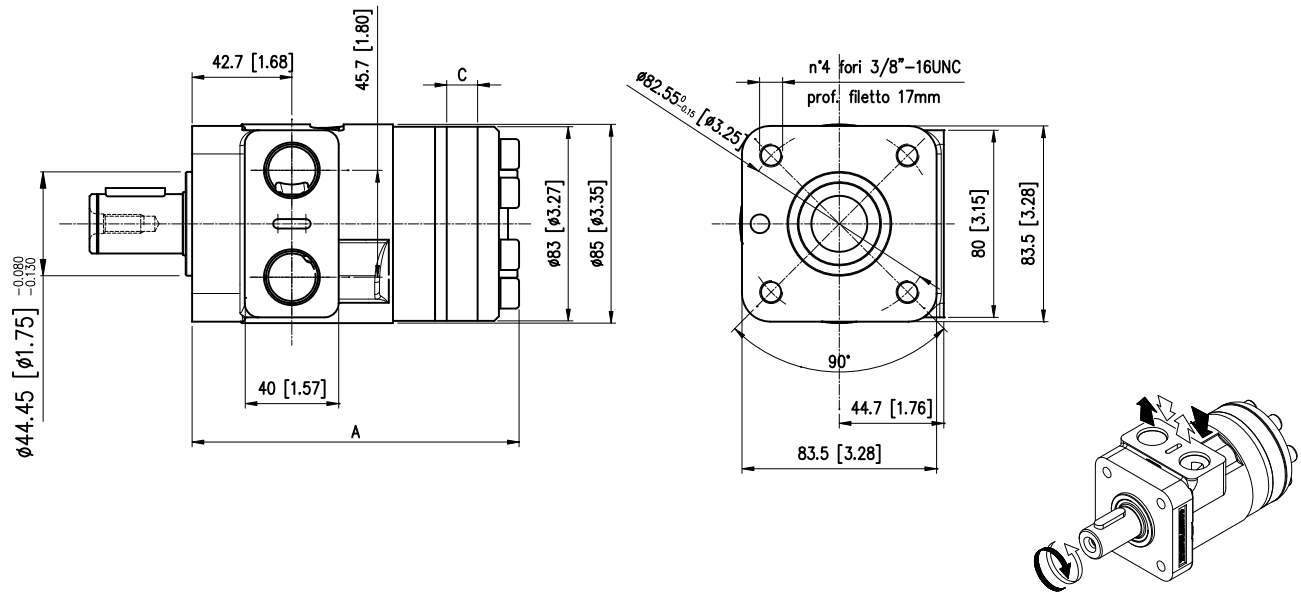
ph = pressione in carcassa  
pi = pressione di alimentazione  
pr = pressione di scarico

ph = housing pressure  
pi = inlet pressure  
pr = outlet pressure

- La pressione in carcassa senza drenaggio è data dalla media tra pi e pr.
- Il motore BH è fornito senza drenaggio
- La massima pressione di scarico con drenaggio è di 138 bar Cont.
- The case pressure without drain line is the average between inlet and return pressure.
- As standard, BH motors are supplied without drain port.
- Max. permissible return (back) pressure with drain line 138 bar [2000 psi] Cont.

## DIMENSIONI E PESI DIMENSIONS AND WEIGHT

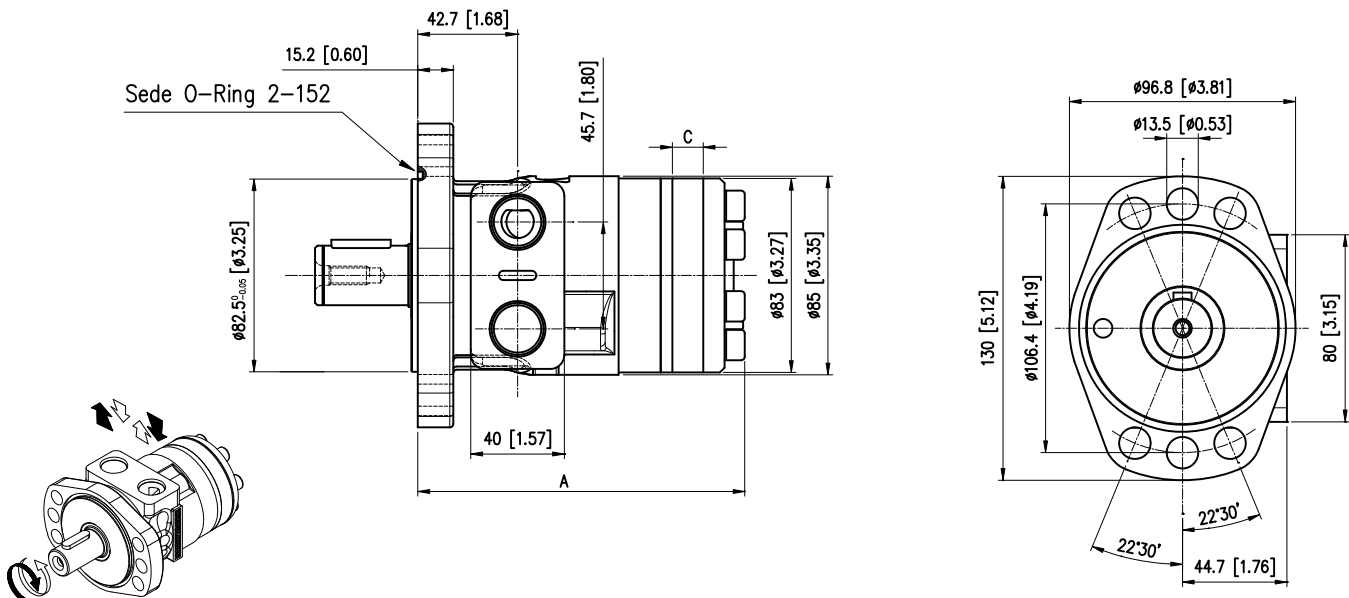
# BH...A



		BH 50	BH 80	BH 100	BH 130	BH 160	BH 200	BH 250	BH 315	BH 400
A	mm [in]	133.1 [5.24]	136.3 [5.36]	140 [5.51]	143.7 [5.65]	148.7 [5.85]	152.2 [5.99]	158.5 [6.24]	164.9 [6.49]	177.6 [6.99]
C	mm [in]	6.3 [0.25]	9.5 [0.37]	13.2 [0.52]	16.9 [0.66]	21.9 [0.86]	25.4 [1]	31.7 [1.25]	38.1 [1.5]	50.8 [2]
Pesi - Weight	kg [lb]	5.5 [12.12]	5.6 [12.34]	5.8 [12.78]	5.9 [13]	6 [13.4]	6.3 [13.88]	6.5 [14.3]	6.8 [14.98]	7.2 [16]

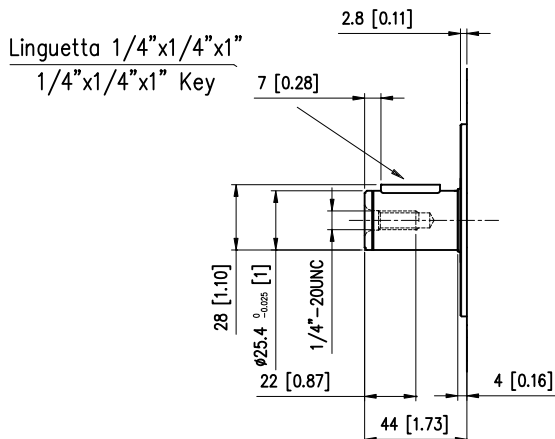
## DIMENSIONI E PESI DIMENSIONS AND WEIGHT

# BH...T

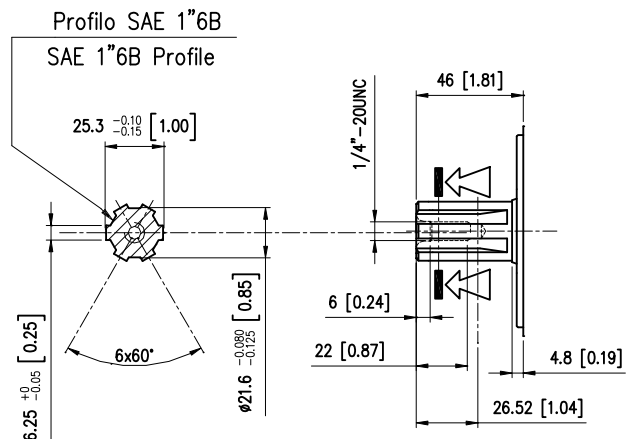


		BH 50	BH 80	BH 100	BH 130	BH 160	BH 200	BH 250	BH 315	BH 400
A	mm [in]	133.1 [5.24]	136.3 [5.36]	140 [5.51]	143.7 [5.65]	148.7 [5.85]	152.2 [5.99]	158.5 [6.24]	164.9 [6.49]	177.6 [6.99]
C	mm [in]	6.3 [0.25]	9.5 [0.37]	13.2 [0.52]	16.9 [0.66]	21.9 [0.86]	25.4 [1]	31.7 [1.25]	38.1 [1.5]	50.8 [2]
Pesi - Weight	kg [lb]	5.5 [12.12]	5.6 [12.34]	5.8 [12.78]	5.9 [13]	6 [13.4]	6.3 [13.88]	6.5 [14.3]	6.8 [14.98]	7.2 [16]

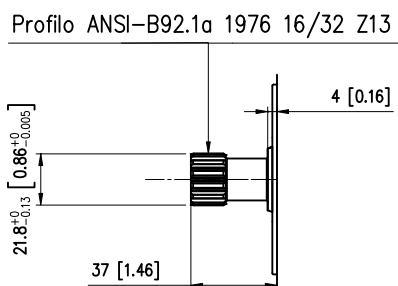
**Cilindrico C25.4**  
**Parallel C25.4**



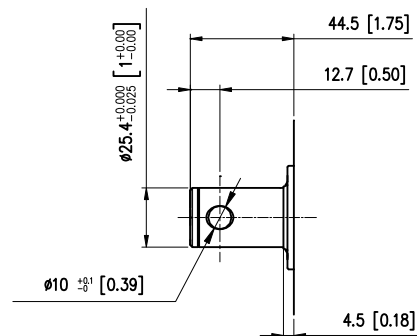
**Scanalato SE25**  
**Splined SE25**



**Scanalato SE21**  
**Splined SE21**

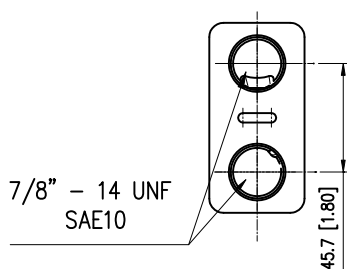


**Cilindrico CS25.4**  
**Parallel CS25.4**

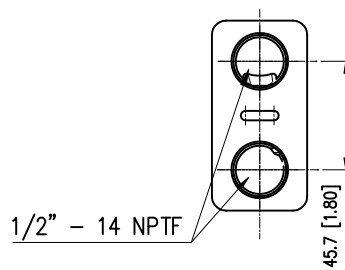


**ATTACCHI**  
**OPTIONS**

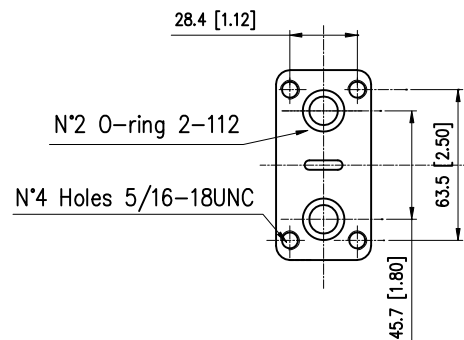
**7/8"**



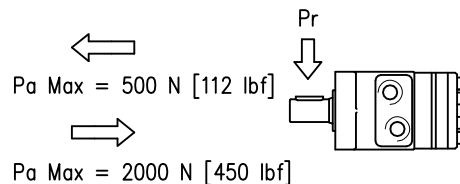
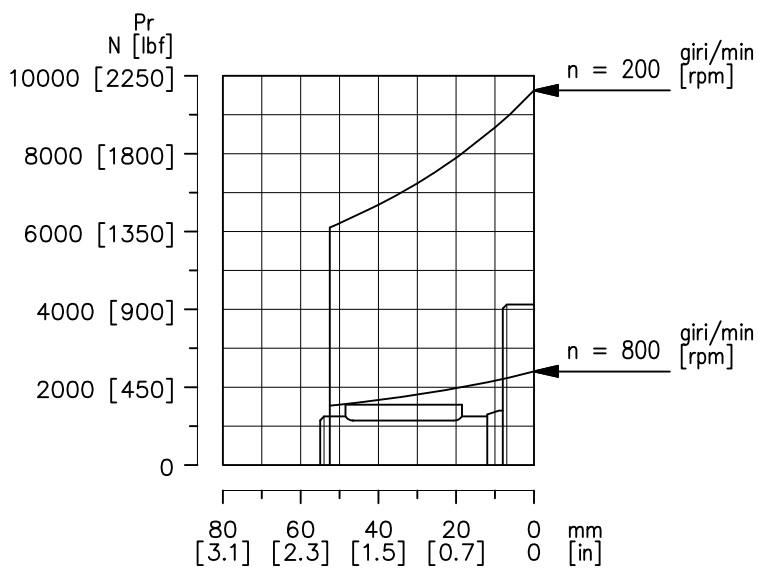
**1/2" NPTF**



**Manifold (BFL)**



Curva carico radiale in funzione della velocità e della distanza dalla flangia, valido per flangia 2-4 fori tipo "A-T"  
Radial load capacity (Pr) curve according to speed and distance from flange valid for the 2-4 bolts flange type "A-T"



$$Pr = \frac{800}{n} * \frac{1860}{3.58 + L} \text{ [lbf]}$$

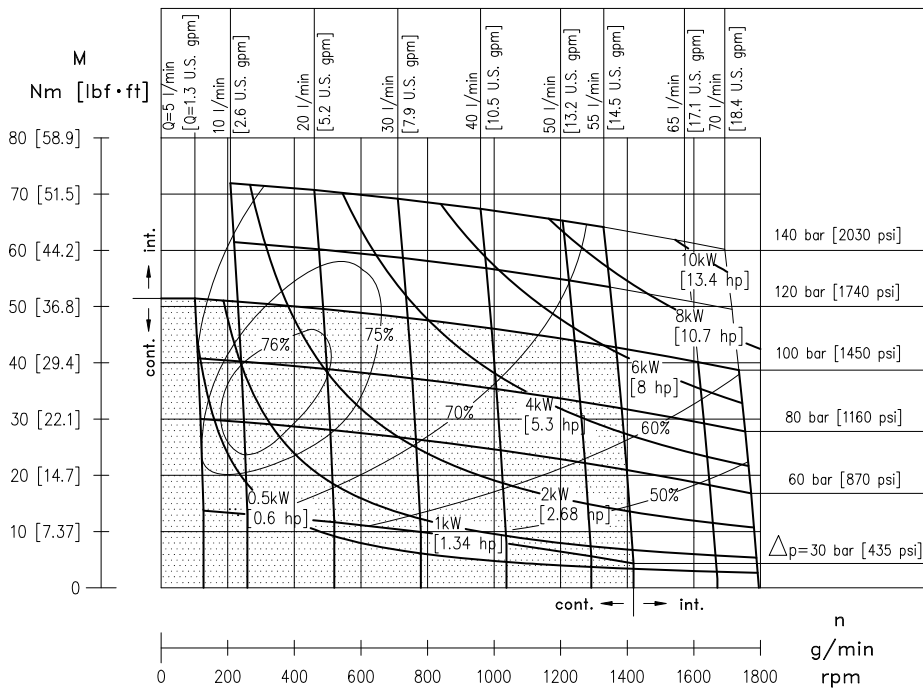
$$n \geq 200 \text{ [rpm]}$$

$$L \leq 2.07 \text{ [in]}$$

*N.B.: Nella formula usare 200 rpm se la velocità è inferiore a 200 rpm*

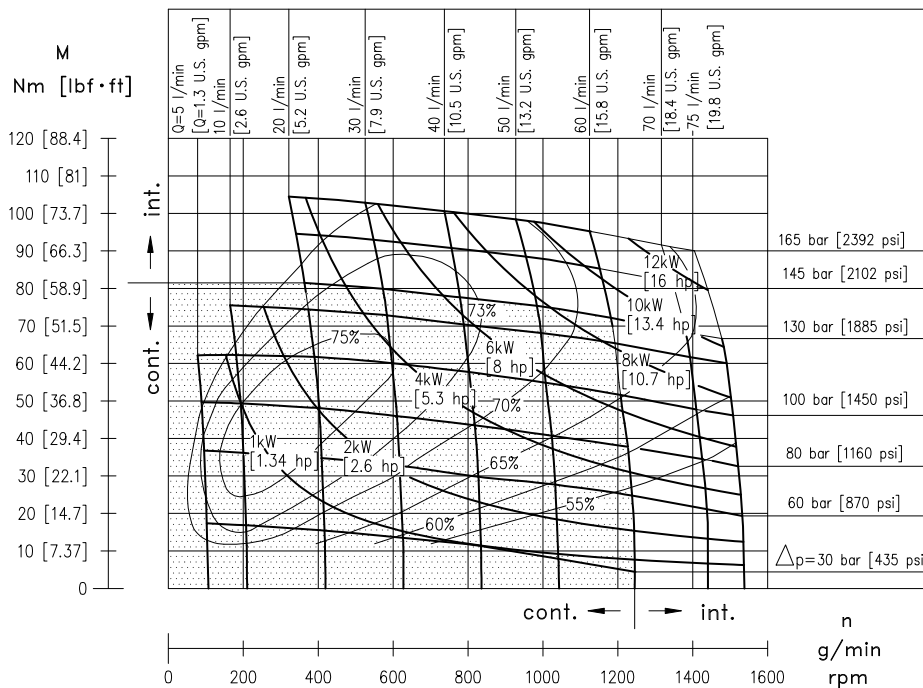
*N.B. In the above formula, use 200 rpm if the speed is below 200 rpm*





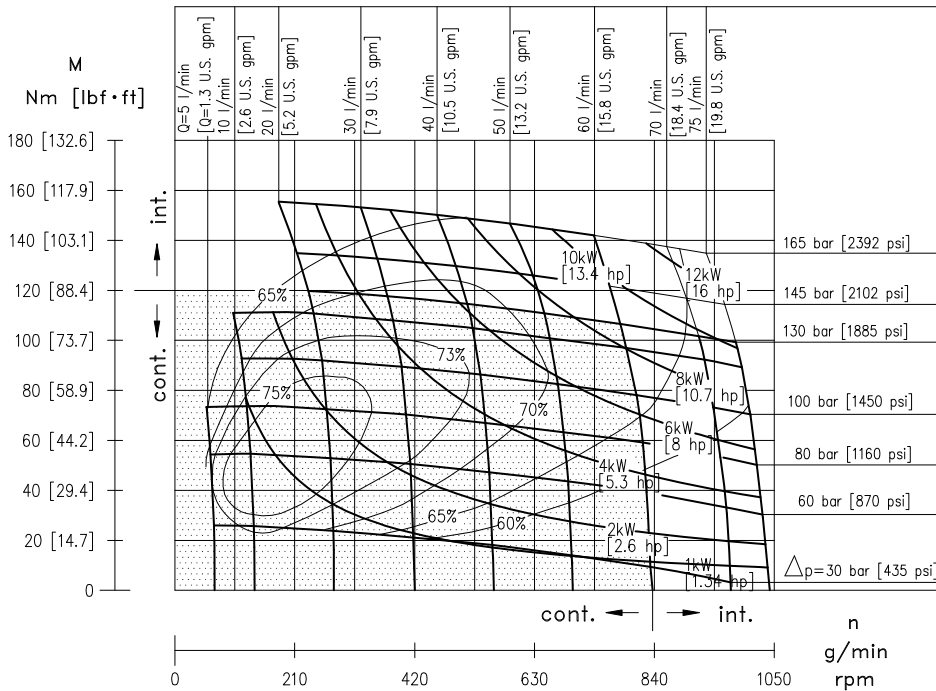
*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

Exceeding continuous pressure values or exceeding flow values indicated, must not occur simultaneously.



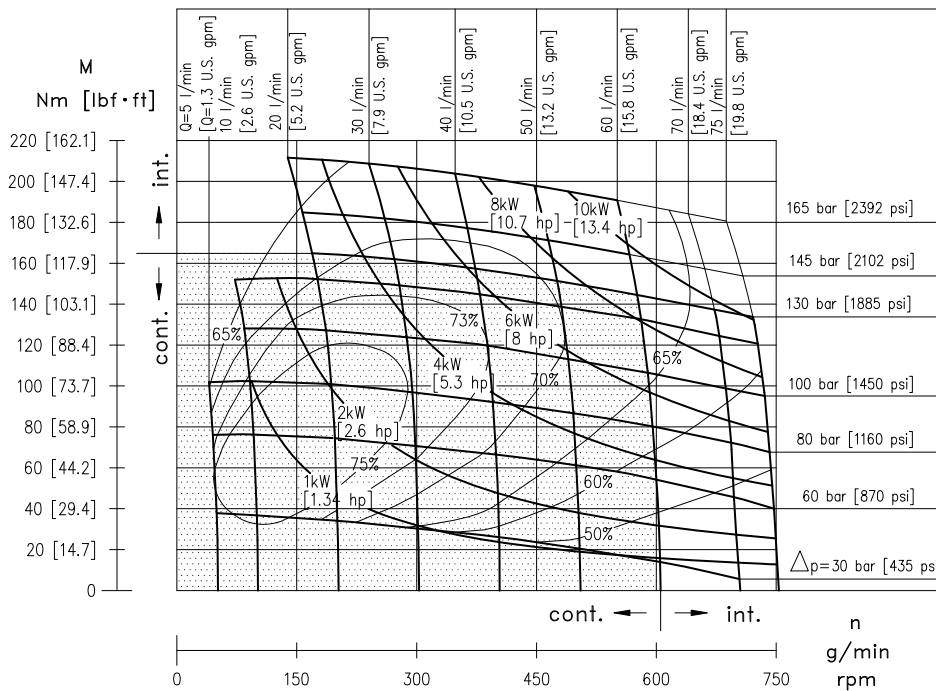
*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

Exceeding continuous pressure values or exceeding flow values indicated, must not occur simultaneously.



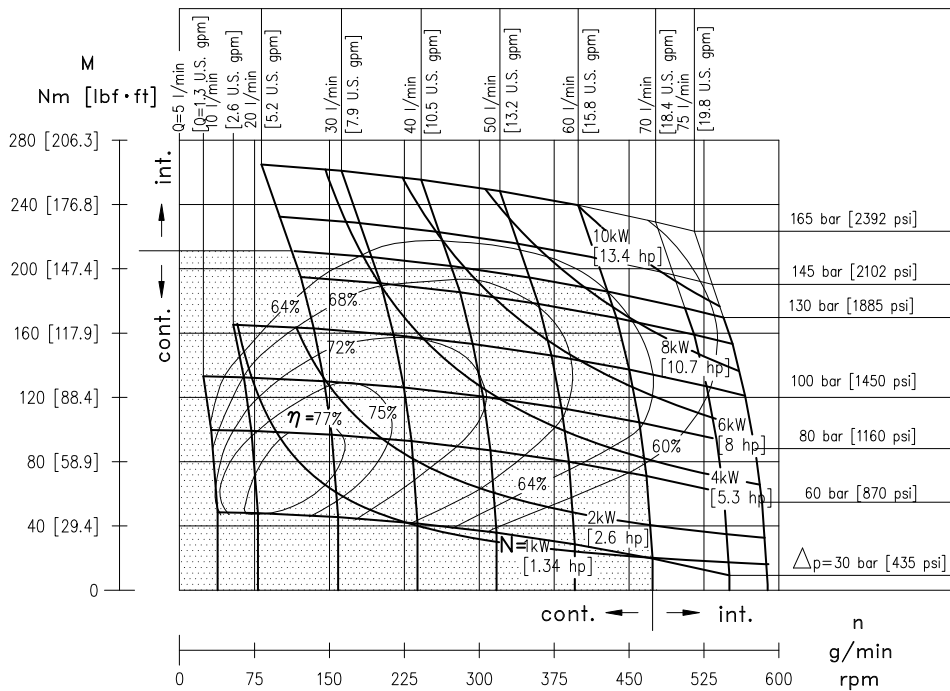
*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

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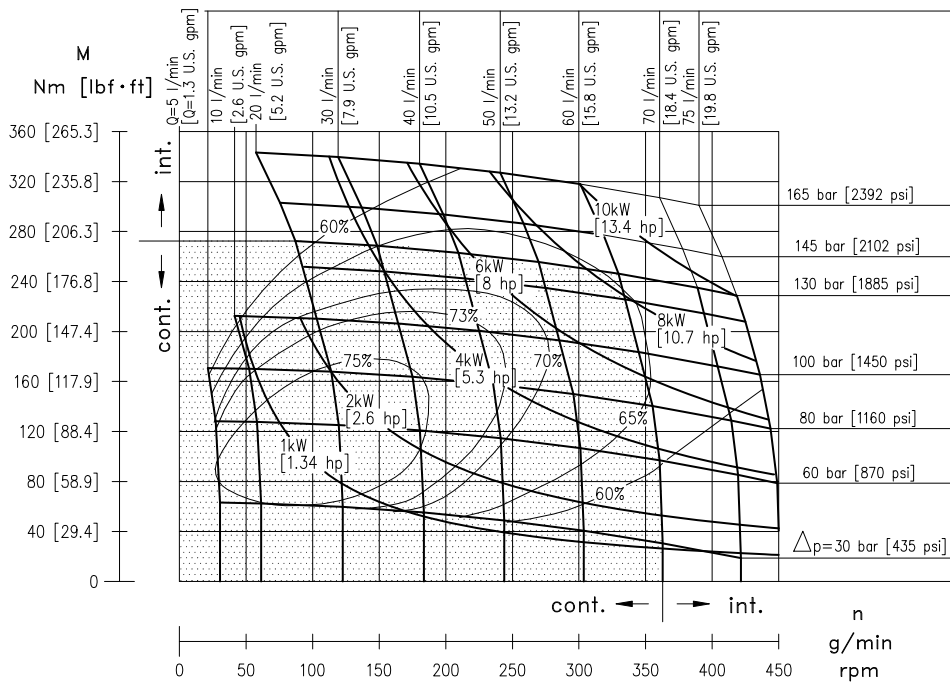
*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

Exceeding continuous pressure values or exceeding flow values indicated, must not occur simultaneously.



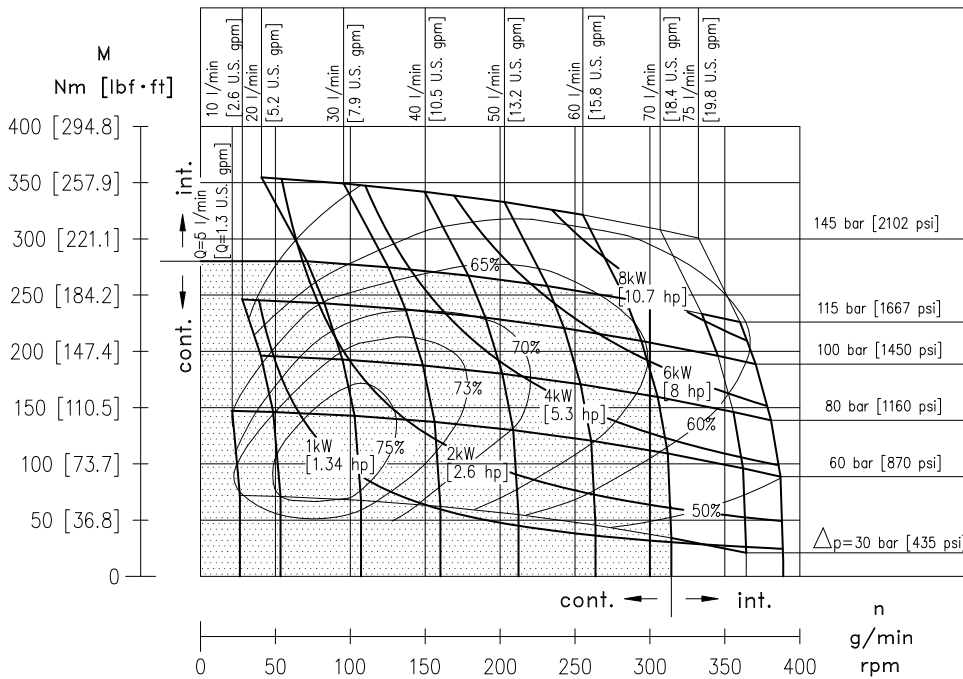
*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

Exceeding continuous pressure values or exceeding flow values indicated, must not occur simultaneously.



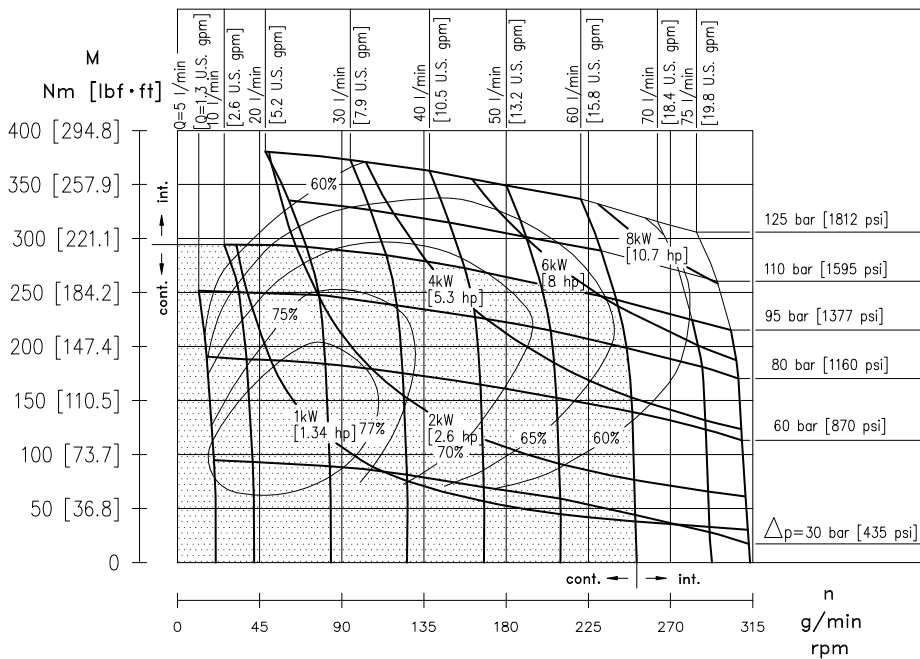
*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

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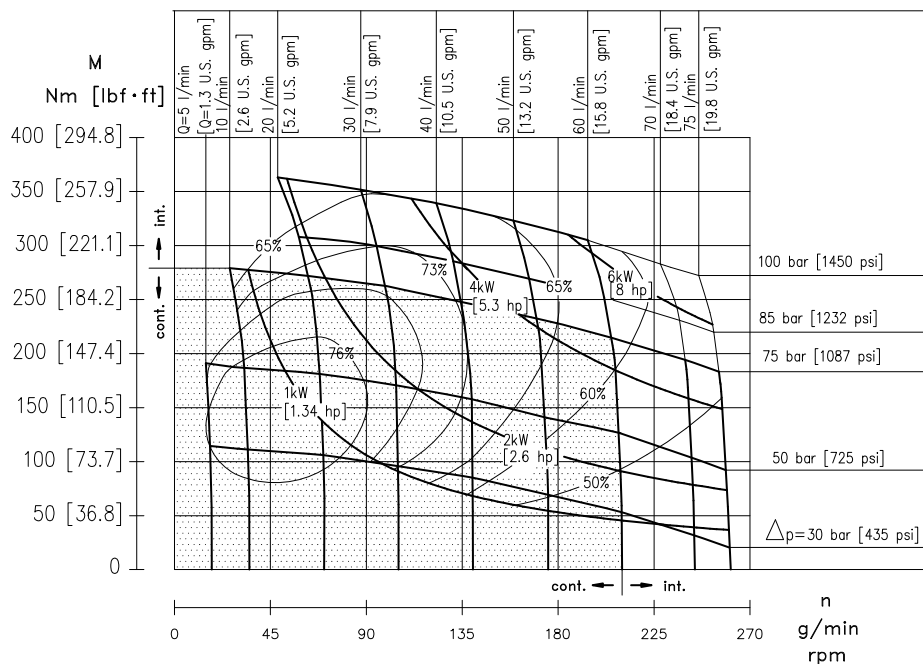
Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.

Exceeding continuous pressure values or exceeding flow values indicated, must not occur simultaneously.



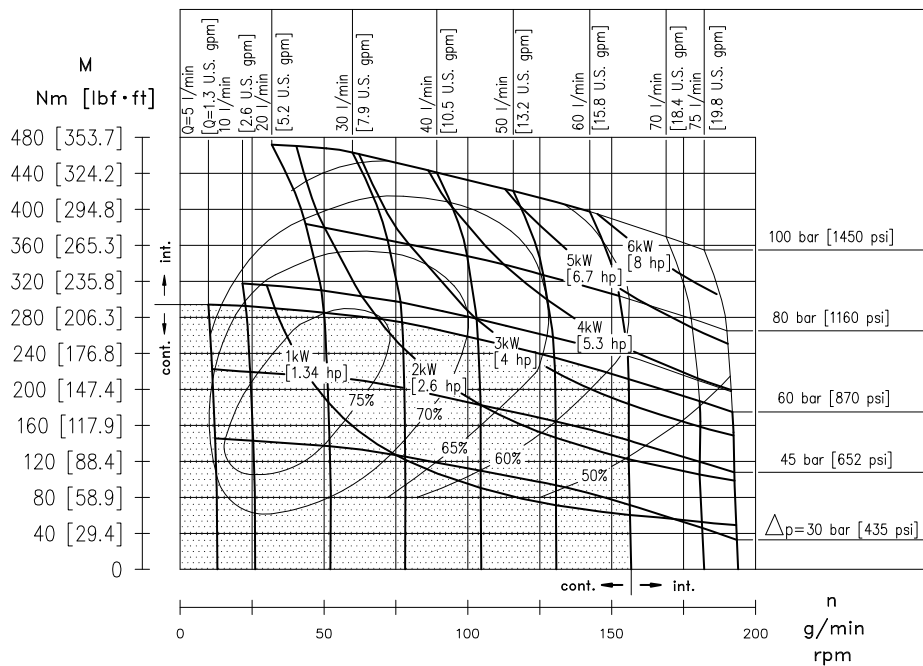
Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.

Exceeding continuous pressure values or exceeding flow values indicated, must not occur simultaneously.



*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

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*Pressioni e portate superiori a quelle ammesse in regime continuo non devono essere applicate contemporaneamente.*

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