

CARATTERISTICHE TECNICHE TECHNICAL SPECIFICATIONS

Motore Motor	Cilindrata Displacement	Pressione max ingr. 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	
	cm³/rev [in³/rev]	bar [psi]			bar [psi]			Nm [lbf·ft]		l/min [U.S. gpm]		giri/min [rpm]		kW [hp]	
AR 50	51.6 [3.14]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	160 [2320] 190 [2755] Peak**	250 [3625]	Cont Int*	118 [86.9] 136 [100.2]	Cont Int*	40 [11] 50 [13]	Cont Int*	775 970	Cont Int*	8.5 [11.3] 10.2 [13.6]
AR 80	80.4 [4.9]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	160 [2320] 190 [2755] Peak**	250 [3625]	Cont Int*	184 [135.6] 210 [154.7]	Cont Int*	60 [16] 75 [20]	Cont Int*	746 933	Cont Int*	12.6 [16.8] 15.2 [20.3]
AR 100	100 [6.1]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	160 [2320] 190 [2755] Peak**	250 [3625]	Cont Int*	230 [169.5] 260 [191.6]	Cont Int*	60 [16] 75 [20]	Cont Int*	600 750	Cont Int*	13 [17.4] 15.5 [20.7]
AR 130	125.7 [7.66]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	150 [2175] 190 [2755] Peak**	250 [3625]	Cont Int*	270 [198.9] 330 [243.2]	Cont Int*	60 [16] 75 [20]	Cont Int*	477 597	Cont Int*	12 [16] 14.2 [19]
AR 160	160 [9.76]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	150 [2175] 190 [2755] Peak**	250 [3625]	Cont Int*	340 [250.5] 420 [309.5]	Cont Int*	60 [16] 75 [20]	Cont Int*	375 470	Cont Int*	12.4 [16.6] 15.7 [21]
AR 200	200 [12.2]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	125 [1813] 175 [2538] Peak**	230 [3335]	Cont Int*	350 [257.9] 480 [353.7]	Cont Int*	65 [17] 75 [20]	Cont Int*	325 375	Cont Int*	10.8 [14.4] 15.5 [20.7]
AR 250	250 [15.2]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	110 [1595] 155 [2248] Peak**	200 [2900]	Cont Int*	380 [280] 520 [383.2]	Cont Int*	65 [17] 80 [21]	Cont Int*	260 320	Cont Int*	9.8 [13.1] 13.4 [17.9]
AR 315	314.5 [19.1]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	80 [1160] 120 [1740] Peak**	150 [2175]	Cont Int*	340 [250.5] 510 [375.8]	Cont Int*	65 [17] 80 [21]	Cont Int*	207 254	Cont Int*	6.1 [8.1] 8.5 [11.3]
AR 400	393 [23.9]	Cont Int*	175 [2538] 190 [2755] Peak**	250 [3625]	Cont Int*	65 [943] 100 [1450] Peak**	120 [1740]	Cont Int*	358 [263.8] 510 [375.8]	Cont Int*	65 [17] 80 [21]	Cont Int*	165 203	Cont Int*	4.7 [6.2] 6 [8]

Prove eseguite con olio 37 cSt a 45°C. / Test conditions: 37 cSt oil at 45°C.

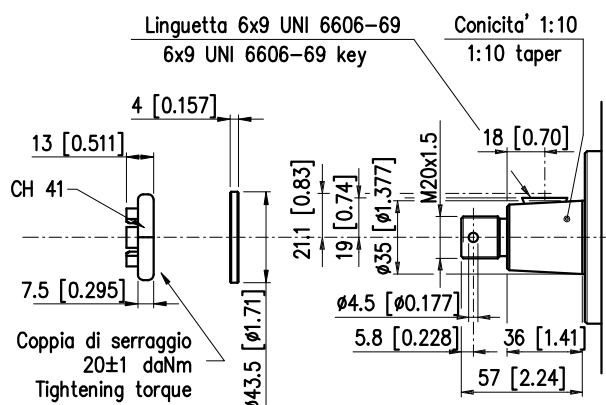
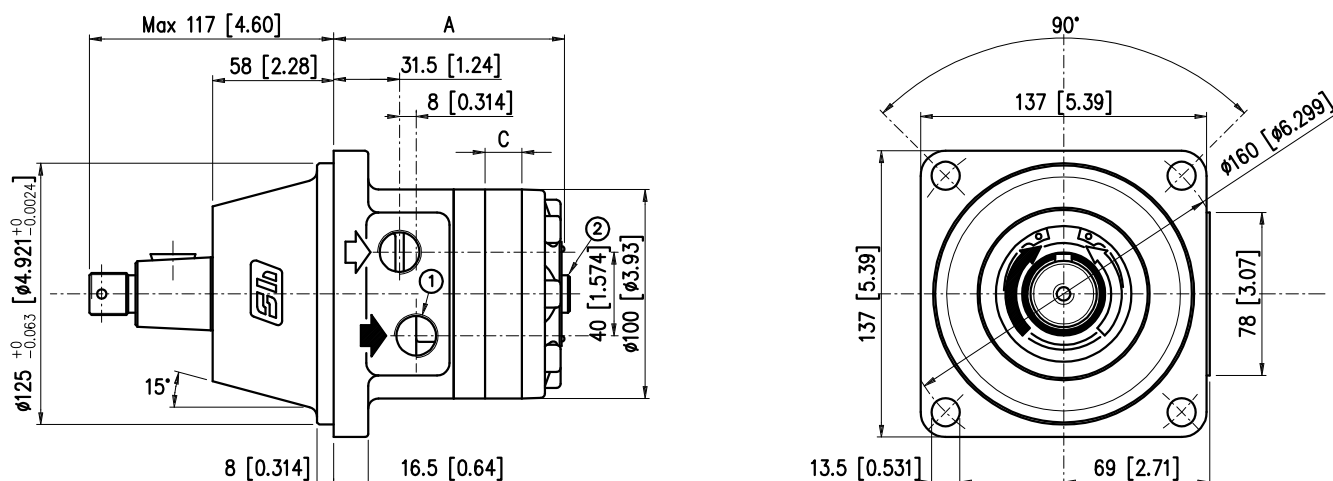
	Motore Motor	Cilindrata - Displacement																											
		50			80			100			130			160			200			250			315			400			
	Velocità Speed (rpm)	0 100	100 300	> 300	0 100	100 300	> 300	0 100	100 300	> 300	0 100	100 300	> 300	0 100	100 300	> 300	0 100	100 300	> 300	0 100	100 300	> 300	0 100	100 300	> 300	0 100	100 300	> 300	
Press.max scarico cont senza drenaggio (bar) Max cont. Return pressure without drain line (bar)	ARS	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	-	75	50	-	
	ARSW	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	-	75	50	-	
	ARF	20			20			20			20			20			20			20			20						
	../FP****	-			-			-			-			-			-			-									
	../N ***	20			20			20			20			20			20			20									
	../D ***	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	25	75	50	-	75	50	-	
	TAC	20			20			20			20			20			20			20			20						
	TAC-E***	20			20			20			20			20			20			20			20						
Press max scarico con drenaggio bar[psi] Max return pressurewith drain line bar [psi]		140 [2030]			140 [2030]			140 [2030]			140 [2030]			140 [2030]			140 [2030]			140 [2030]			140 [2030]						
Coppia min di spunto a press diff. max Min starting torque N [lbf]	Cont.	62 [46]			120 [88]			150 [111]			187 [138]			242 [178]			282 [208]			310 [228]			269 [198]			286 [211]			
	Int.*	70 [51.6]			139 [102]			172 [127]			230 [170]			294 [217]			390 [287]			415 [306]			397 [293]			413 [304]			

* Le condizioni intermittenti non devono durare più del 10% di ogni minuto. / Intermittent duty must not exceed 10% each minute.

** Le condizioni di picco non devono durare più dell'1% di ogni minuto. / Peak duty must not exceed 1% each minute.

*** Le condizioni di contropressione devono essere le più basse fra il motore e la versione. / The back up pressure must be lower between the motor and the motor version considered.

**** È indispensabile l'utilizzo del drenaggio per lo smaltimento del calore. / In order to eliminate overheating it is necessary to use the drain port.



ALBERO
SHAFT CN32

- 1) N° 2 fori di alimentazione 1/2 G (BSPP) profondità filetto 18mm
No. 2 1/2 G (BSPP) main ports thread depth 0.70 in
- 2) Drenaggio motore 1/4 G (BSPP) profondità filetto 12mm
1/4 G (BSPP) drain motor thread depth 0.472 in

Sono disponibili a richiesta anche i seguenti alberi: C32 - C25 - SD25 - S32
The following shafts are available upon request : C32 - C25 - SD25 - S32

		ARSW 50	ARSW 80	ARSW 100	ARSW 130	ARSW 160	ARSW 200	ARSW 250	ARSW 315	ARSW 400
A	mm [in]	102.5 [4.03]	107.5 [4.23]	110.9 [4.36]	115.3 [4.53]	121.3 [4.77]	128.3 [5.05]	137 [5.39]	148.3 [5.83]	161.8 [6.37]
C	mm [in]	9 [0.354]	14 [0.551]	17.4 [0.68]	21.8 [0.85]	27.8 [1.09]	34.8 [1.37]	43.5 [1.71]	54.8 [2.15]	68.38 [2.69]
Pesi - Weight	kg [lb]	9.8 [21.5]	10.1 [22.2]	10.3 [22.7]	10.5 [23.1]	10.8 [23.8]	11.2 [24.6]	16.1 [35.4]	12.1 [26.6]	12.8 [28.2]