CB2A
GROUP2 GEAR PUMPS

General Description

The CB2A gear pump consists of a gear pair supported by two aluminum bearing blocks, a housing, front cover and rear cover. The axial clearance can be automatically compensated by the bearing blocks. The CB2A pump features simple structure, high mechanical and volumetric efficiency, low noise, high reliability as well as low weight/power ratio. Both CW and CCW direction pumps are available.

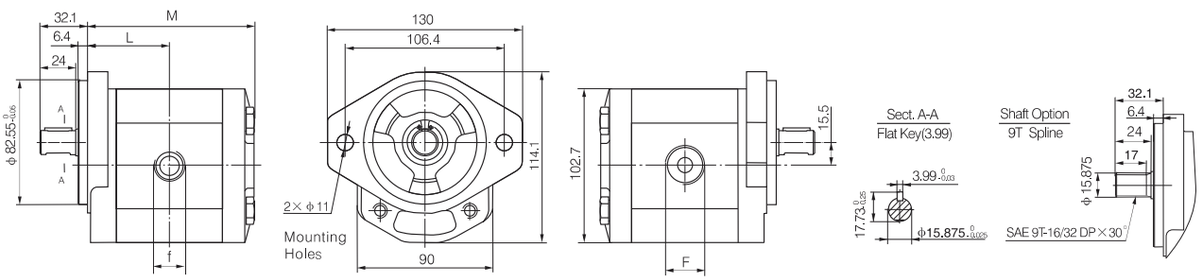
Order Code

CB2A - F * * * * *

20MPa	Rated pressure	
4～35mL/r	Displacement	
Omit or S	SAE SAE O-ring boss	Port Configurations
A	(BSPP) Gas Threaded Ports(BSPP)	
B	Metric Threaded Ports	

Omit	11mm Mounting Hole	Shaft Option
D	11mm Open Mounting Hole	
Omit	9T Spline	Shaft Option
A	Flat key (3.99mm)	
Omit	CW	Direction
F	CCW	

Outline Dimension



Technical Data

Model	Displacement mL/r(in³/r)	Pressure (MPa) P1	P2	P3	Speed (RPM) Rated	Max	Dimension L(mm)	M(mm)	F Inlet	f Outlet
CB2A-F4 ****	4.47 (0.273)	20	25	28	2000	4000	45.6	93.2	SAE SAE port 1 1/16-12UN BSPP BSPP port G3/4 Metric port M27x2	SAE SAE port 7/8-14UNF BSPP BSPP port G1/2 Metric port M22x2
CB2A-F6 ****	6.37 (0.389)						47.1	96.3		
CB2A-F7 ****	7.04 (0.428)						47.7	97.4		
CB2A-F9 ****	9.55 (0.584)						49.6	101.3		
CB2A-F11 ****	11.49 (0.701)						51.3	104.6		
CB2A-F14 ****	14.04 (0.857)				1500	3200	53.4	108.9		
CB2A-F15 ****	15.92 (0.934)					2800	54.9	111.9		
CB2A-F17 ****	17.76 (1.050)					2500	56.4	114.9		
CB2A-F21 ****	21.07 (1.285)	18	20	22		2200	59.1	120.3		
CB2A-F23 ****	23.27 (1.441)					2000	60.9	123.9		
CB2A-F28 ****	28.05 (1.713)	15	17	19		1800	64	130.1	1 5/16-12UN G1 M33x2	1 1/16-12UN G3/4 M27x2
CB2A-F32 ****	31.88 (1.946)						68.1	138.2		
CB2A-F35 ****	35.06 (2.141)						70.6	143.2		