

Axial Piston Variable Displacement Pump

ORDER CODE

This Order code describes the desired model variant of an axial piston variable displacement pump.

PV	XX	XXX	X	X	\	20	X	XX	XX	X	XX
1	2	3	4	5	6	7	8	9	10	11	

1. Type

PV	Axial piston variable displacement pump
-----------	---

3. Displacement controllers and regulators

A	without control unit with cover plate
B	without displacement control with connecting link and cover plate
MH	hydromechanical displacement controller
MC	hydromechanical displacement controller with neutral switch valve (12V)
MB	hydromechanical servovalve with controlling switch of neutral position
PH	directly hydraulic control
PR	direct torque limiter with hydr. displacement controller

2. Frame Size

Displament per revollution:	
20	33,3 ccm/rev.
22	69,8 ccm/rev.
23	89,0 ccm/rev.

4. Direction of shaft rotation

R	right (clockwise)
L	left (counterclockwise)
V	reversible

5. Dymensation of the input shaft

		20	22	23
A	14 theet, 12/14 pitch, ϕ 31,20mm	A	A	A
B	19 theet, 16/32 pitch, ϕ 31,75mm	A	A	A
C	21 theet, 16/32 pitch, ϕ 34,50mm	S	S	A
D	23 theet, 16/32 pitch, ϕ 37,68mm	-	-	S
E	27 theet, 16/32 pitch, ϕ 44,03mm	-	-	A
G	13 theet, 8/16 pitch, ϕ 44,70mm	-	-	A
I	20 theet, 16/32 pitch, ϕ 32,91mm	A	A	A
J	cone, 1:8 SAE J501, ϕ 41,27mm	-	-	A
K	cone, 1:8 SAE J501, ϕ 31,75mm	A	A	A
L	cylindrical ϕ 34,925mm spring	A	A	A
M	cylindrical ϕ 44,45mm spring	-	-	A

A-available on request, S-standard disign

6. Series

20	Series 20, with closed loop circuit
-----------	-------------------------------------

7. Pressure and Inlet Ports A, B

		20	22	23
A	SAE J 518c, code 62, size 1", 6000 psi	A	A	A
B	SAE J 518c, code 61, size 1", 5000 psi	S	S	S
C	ISO 6162, DN 25, type II, 40 Mpa	A	A	A

8. Cherge gear pump

		20	22	23
A0	8,2 ccm	A	-	-
B0	12,3 ccm	S	A	A
C0	18,03 ccm	A	S	S
AA	8,2 + 8,2 ccm	A	A	A
BA	12,3 + 8,2 ccm	A	A	A
CA	18,03 + 8,2 ccm	A	A	A
NN	without charge pump	A	A	A