

V Series AXIAL PISTON PUMP

ORDER CODE

V 15 A 1 R B S - A 10 D X A 1001

Pump Series V

Max. Displacement (cm³/n):
15, 18, 23, 25, 38, 42, 50, 70

Pump Control Type (See pages 14-17):
A - Pressure Compensator Control
B - Multi stage flow-Single stage Pressure Control (with cylinder)
C - 2 stage Pressure & Flow Control
CG - 2 stage remote Pressure & Flow Control
D - Solenoid controlled Pressure Compensator with unloading device
DG - Solenoid controlled Pressure Compensator with unloading & remote device
E - Dual Pressure Control
EG - Dual & Remote Pressure Control
F - 2 Flow - 2 Pressure Pressure Control by Solenoid Operated Valve
FG - 2 Flow - 2 Pressure Pressure Control by Solenoid Operated & remote Valve
G - Remote Pressure Compensator Control
GJ - Proportional pressure with interface NG6
GM - Remote interface (pilot valve not included)
HL* - Load-sensing Compensator
HJ - Load-sensing & Proportional Electro-hydraulic Pilot Relief Valve
HK - Proportional Electro-hydraulic Load-sensing Control
HQ - Load-sensing & Proportional Flow Control

*** HL Compensator Pressure setting:**
none - Standard pressure 0,7 MPa (7 bar)
B - Medium pressure 1,4 MPa (14 bar)
C - High pressure 2,1 MPa (21 bar)

Pump Pressure Setting:
1 - 0,8 - 6,9 MPa (8 - 70 bar)
2 - 1,5 - 13,7 MPa (15 - 140 bar)
3 - 2,0 - 20,6 MPa (20 - 210 bar)
4 - 2,0 - 24,5 MPa (20 - 250 bar)

Shaft Rotation (view from shaft end):
R - Clockwise rotation (Right)
L - Counter Clockwise rotation (Left)

Direction of Pipe Connection:
none - Side port (Standard)
B - Rear axial port

Customers demand

Links Type (only V 15-18):
none - Standard
A -SAE A 2 bolts

Design Number:
X = Standard
Y = Low pressure
Z = Idling Relief

Rear Flange:
none = single pump
C = SAE AA, Ø 50,8 mm.
D = SAE A, Ø 82,55 mm.
E = SAE B, Ø 101,6 mm.
F = SAE C, Ø 127 mm.
I = Metric, Ø 63 mm.
J = Metric, Ø 80 mm.
K = Metric, Ø 100 mm.
L = Metric, Ø 125 mm.

Threads Code:
10 = PT (Pipe tape)
40 = BSPP (G)
50 = NPT
60 = SAE (O Ring Flange)
70 = M (Metric)

Electric Supply (only for electric control devices):
A = 100 V AC - 50 / 60 Hz
B = 110 V AC - 60 Hz
C = 200 V AC - 50 / 60 Hz
D = 220 V AC - 60 Hz
E = 12 V DC
F = 24 V DC

Mounting Shaft and Type:
none - Parallel shaft with key
S* - Splined shaft SAE J 498 b

* **V 15 - V 18 S** z = 13 - 16/32 DP
S₁ z = 9 - 16/32 DP
S₂ z = 11 - 16/32 DP

* **V 23 - V 25 - V 38 - V 42 S** z = 13 - 16/32 DP
S₁ z = 15 - 16/32 DP

* **V 50 - V 70 S** z = 14 - 12/24 DP
S₁ z = 17 - 12/24 DP