

Hydrostatic Pump Repair

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MODEL CODES

EDITION III



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Model Codes for B-Series Closed Loop Pumps

MODEL	1 DISPLACEMENT (cc/rev)	2 ROTATION	3 CONTROL	4 CONTROL OPTIONS	5 MOUNTING	6 SHAFT	7 R/V SETTING (bar)	8 DISP. MAX. (cc/rev)	9 DISP. MIN. (cc/rev)	10 PTO IPOR	11 SPECIALS
BPV	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
EXAMPLE:	100	R	K	1	C	C	300	X	X	B	X

1 DISPLACEMENT (CC/REV)

35	50D*
50	70D*
70	100D*
100	
130	*D Designates
200	Double Pump

2 ROTATION

R = CLOCKWISE
L = COUNTER-CLOCKWISE

3 CONTROL TYPE

H = HYDRAULIC REMOTE
E = ELECTRIC CONTROL
K = MANUAL CONTROL
A = AUTOMOTIVE CONTROL
T = TORQUE CONTROL

4 CONTROL OPTIONS

BPV-K: 1 = K ORI 1.0
2 = K ORI 0.7
3 = K ORI 0.8
4 = K ORI 1.2
5 = K ORI 1.5

E: 1 = 12 VDC
2 = 24 VDC

5 MOUNTING

C = SAE C 4 BOLT (35, 50, 70, 100, 50D, 70D, 100D)
D = SAE D 4 BOLT (130)
E = SAE E 4 BOLT (200)
M = METRIC (CONSULT FACTORY)

6 SHAFT

C = SAE C SPLINE (35, 50, 70, 100)
F = SAE F SPLINE (200)
M = METRIC (CONSULT FACTORY)
H = ANSI SPLINE 27T: 130
ANSI SPLINE 21T: 50D, 70D, OPT 50 & 70
ANSI SPLINE 23T: 100 (OPTIONAL)

11 SPECIALS (2)

INSERT S, THEN CALL OUT REQUIREMENT IN CLEAR TEXT

10 ADD-ONS (3)

A = A SPLINED COUPLING WITH SAE A 2 BLT MTG.
B = B SPLINED COUPLING WITH SAE B 2 BLT MTG.
C = C SPLINED COUPLING WITH SAE C 4 BLT MTG.
D = 80mm 4 BLT MTG.
E = 105mm 4 BLT MTG.
J = BB SPLINED COUPLING WITH SAE B 2 BLT MTG.
P = PRESSURE OVERRIDE NOT AVAILABLE WITH K CONTROL OR BPV130

9 MIN. DISPLACEMENT

8 MAX. DISPLACEMENT

DISPLACEMENT IF OTHER THAN MAXIMUM LIMIT – IN CC/REV

7 RELIEF VALVE SETTING

BAR	PSIG	MODEL
150	2175	35, 50, 70
210	3045	35, 50, 70, 100
250	3625	35, 50, 70, 100
300	4350	35, 50, 70, 100
350	5075	35, 50, 70, 100
370	5365	35, 50, 70, 100
420	6090	35, 50, 70, 100, 200

NOTE: The 130, 50D, 70D, 100D pumps have fully adjustable relief valves. Specify any setting in bar. 1 BAR = 14.5 PSI

- NOTES:** (1) If codes are not used, insert the letter "X".
(2) If a unit is a special execution, insert "S" at the end of the code description.
(3) If PTO & POR are both required, show PTO code first followed by the POR code.
(4) PTO option for BPV130 & 200.