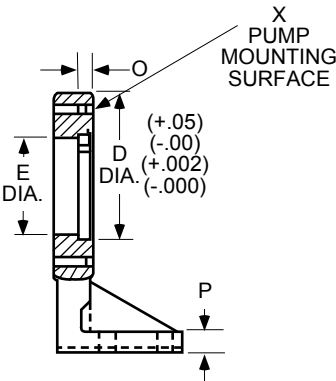
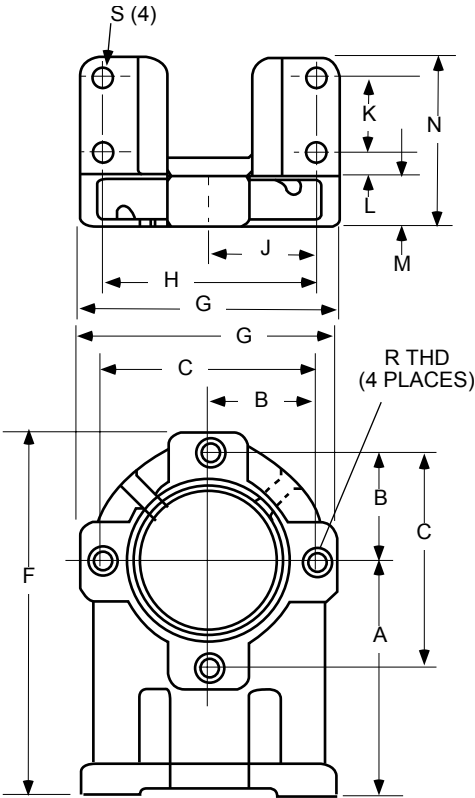


HPV FOOT MOUNTING BRACKETS

(MILLIMETERS)
INCHES



FOOT BRACKET SERIES	X SAE FLANGE	DIMENSIONS (mm) in.																
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R THREAD	S BOLT SIZE
FPVR6	A	(133.4) 5.25	(53.1) 2.09	(106.4) 4.19	(82.60) 3.252	(76.2) 3.00	(198.4) 7.81	(130.1) 5.12	(88.9) 3.50	(44.5) 1.75	(50.8) 2.00	(12.2) .48	(25.4) 1.00	(101.1) 3.98	(7.9) .31	(20.6) .81	3/8-16 UNC	3/8 IN.
FPVR15	B	(158.8) 6.25	(73.0) 2.87	(146.0) 5.75	(101.6) 4.00	(106.0) 4.25	(246.0) 9.69	(174.0) 6.85	(146.0) 5.75	(73.0) 2.87	(51.0) 2.01	(15.0) .59	(32.0) 1.26	(113.0) 4.45	(12.0) .47	(20.0) .79	1/2-13 UNC	1.2 IN.
FPVR30	C	(203.0) 8.00	(90.4) 3.56	(181.0) 7.12	(127.0) 5.001	(127.7) 5.02	(309.6) 12.19	(213.1) 8.39	(152.4) 6.00	(76.2) 3.00	(95.3) 3.75	(19.1) .75	(30.0) 1.18	(157.0) 6.18	(14.0) .55	(20.1) .79	5/8-11 UNC	1.2 IN.

HPV FOOT MOUNTING BRACKETS

BOLT KITS FOR MOUNTING HPV
SERIES PUMPS

SELECT ONE:

FPVR

SIZE

CODE	USED WITH
6	HPV6
15	HPV10 HPV15
30	HPV20 HPV29

SELECT ONE:

MOTOR SIZE

CODE	NEMA FRAME SIZE
213	212 / 215
254	254 / 256
284	284 / 286
324	324 / 326

SELECT ONE:

BPVR

USED WITH

CODE	USED WITH
6	HPV6
15	HPV10 HPV15
30	HPV20 HPV29

2

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U



AIR BLEED VALVE

TYPICAL APPLICATIONS



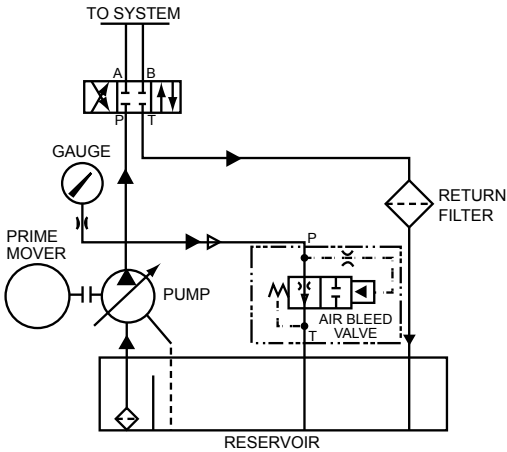
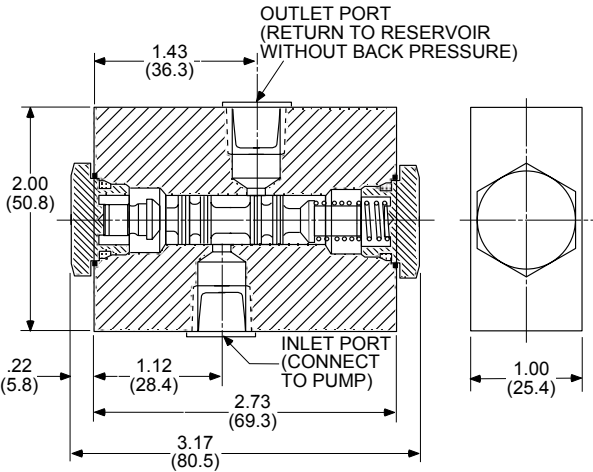
DESCRIPTION

The air bleed valve permits easier pump priming and/or start-up under deadhead conditions. This valve is normally open to permit oil and air (if present) to pass from inlet to outlet and directly back to the reservoir. Pressure in the spool center section is bled via spool clearance to the no-spring end of the spool. As pressure builds up, it overcomes the spring, shifts the spool to close off the inlet port and allows full pump flow to the circuit.

TYPICAL PERFORMANCE SPECIFICATIONS		
MINIMUM FLOW RATE		8 gpm
MINIMUM	@ 8 gpm	500 psi
OPERATING	@ 15 gpm	350 psi
PRESSURE	@ 50 gpm	200 psi
MAXIMUM OPERATING PRESSURE		3500 ps
MIN. PRESSURE TO HOLD CLOSED		150 psi
TYPICAL	@ 500 psi	30 sec.
CLOSING TIMES	@ 1500 psi	10 sec.
SEALS		VITON

DATA IS BASED ON ISO VG 46 OIL AT 120° F. (49° C.).

DIMENSIONS



ELECTRIC MOTOR PRIME MOVER

In this circuit the valve is used to automatically purge the air in the circuit. It will automatically block flow through it in a short period of time.

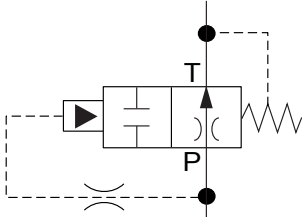
ENGINE PRIME MOVER

Here the valve passes flow for a short time allowing an internal combustion engine to come up to speed. This would eliminate a separate open center valve used for this purpose.

NOTE

The outlet line should be piped below the oil level to prevent foaming of the oil.

FUNCTIONAL SCHEMATIC



ORDERING INFORMATION

SELECT ONE	
AB	
PORTS	
CODE	DESC.
1	1/4" NPTF
2	#6 SAE

WEIGHT = 0.6 lbs./0.27 kg