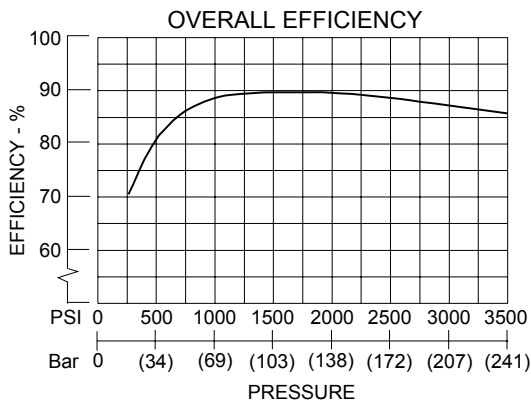
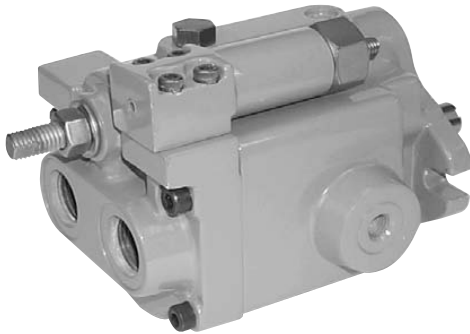


HPV6 Series



Axial Piston Pumps, Variable Displacement, Pressure Compensated

VARIABLE DISPLACEMENT PRESSURE COMPENSATED



TYPICAL PERFORMANCE SPECIFICATIONS

VOLUMETRIC DISPLACEMENT		cu.in. / rev.	0.88
		ml. / rev.	14.4
PUMP DELIVERY @ 1750 RPM	Theoretical	gpm	6.67
		lpm	25.20
OPERATING PRESSURES	Intermittent ?	psi	4000
		bar	276
	Continuous	psi	3500
		bar	241
	Minimum ?	psi	200
		bar	14
OPERATING SPEEDS	Maximum	rpm	see below
	Rated	rpm	1750
	Minimum	rpm	500
POWER INPUT @ (1750 RPM) rated flow & pressure		hp	15
		kw	11
CASE DRAIN FLOW @ deadhead & rated pressure		gpm	.3
		lpm	1.1
MOUNTING FLANGE	Keyed Shaft	SAE Type	"A" 2-Bolt
	Spline Shaft	SAE Type	A/B 2-Bolt ?
SHIPPING WEIGHT	Rear Port	lbs.	27
	Side Port	kgs	12.4
		lbs	35
		kgs.	15.9

NOTES:

- * This pressure should comprise 10% or less of the total duty cycle & not exceed 6 consecutive seconds.
- * Pumps operating at less than 150 psi may overheat & shorten pump life.
- ③ "A" size pilot with a "B" size shaft.

CASE DRAIN & INLET PORT SPECIFICATIONS

	Maximum Case Pressure		Maximum Inlet Pressure		Minimum Inlet Pressure	
RPM	psi	bar	psi	bar	vacuum/ pressure	vacuum / pressure
1800	10	0.69	50	3.4	6.12 in-Hg	155.5 mm-Hg
2050	7	0.48	50	3.4	6.12 in-Hg	155.5 mm-Hg
2100	5	0.34	50	3.4	6.12 in-Hg	155.5 mm-Hg
2750	5	0.34	50	3.4	4.79 in-Hg	121.7 mm-Hg
2900	5	0.34	50	3.4	1.97 in-Hg	49.9 mm-Hg
3000	5	0.34	50	3.4	0	0

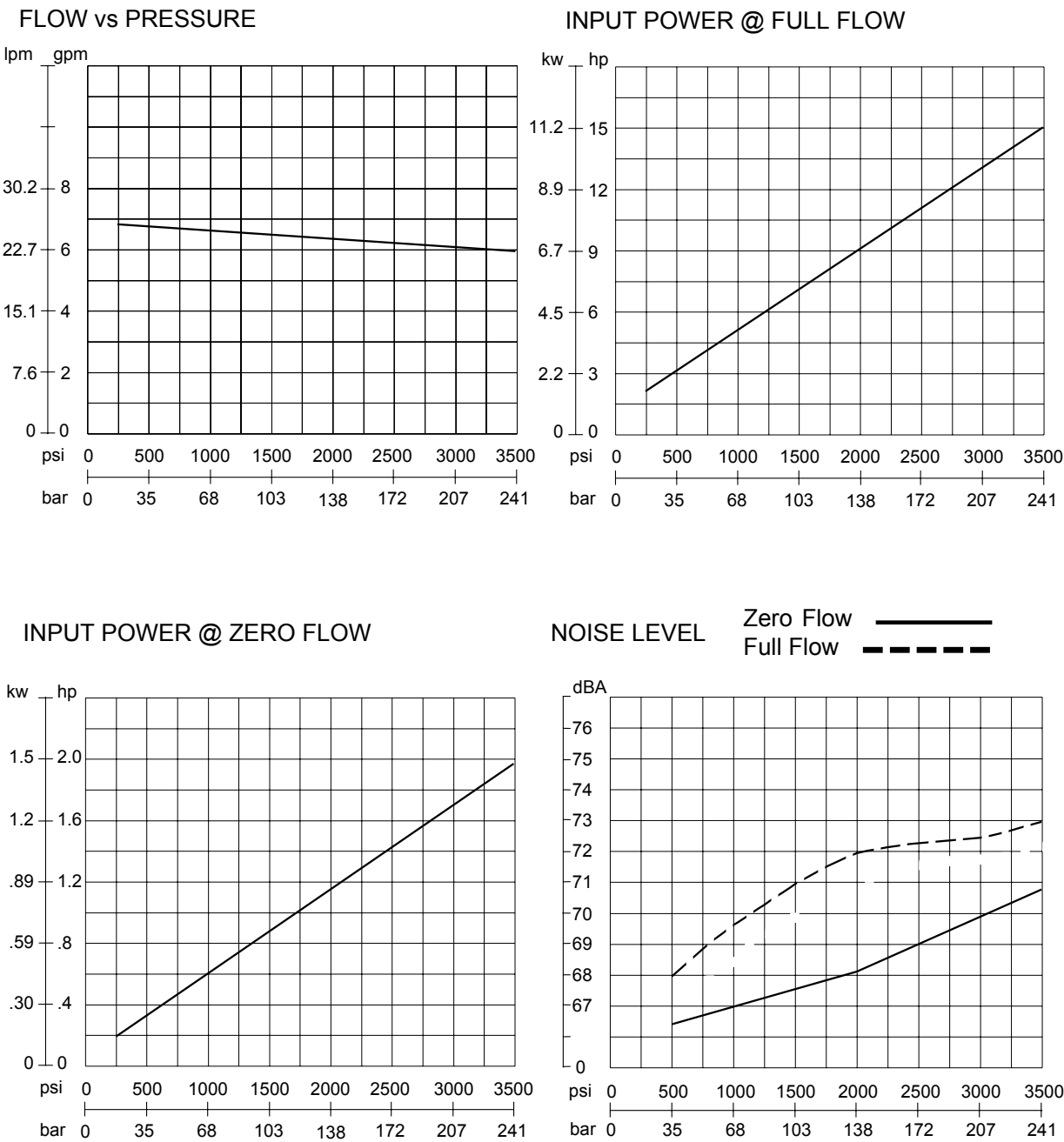
PRESSURE & VOLUME ADJUSTMENT SENSITIVITY

Pressure Adjustment	Pressure Change per Turn	650 psi	44.8 bar
Volume Adjustment	Flow Change per Turn	.7 gpm	2.6 lpm
	Maximum Torque	28 in-lbs.	3.2 Nm

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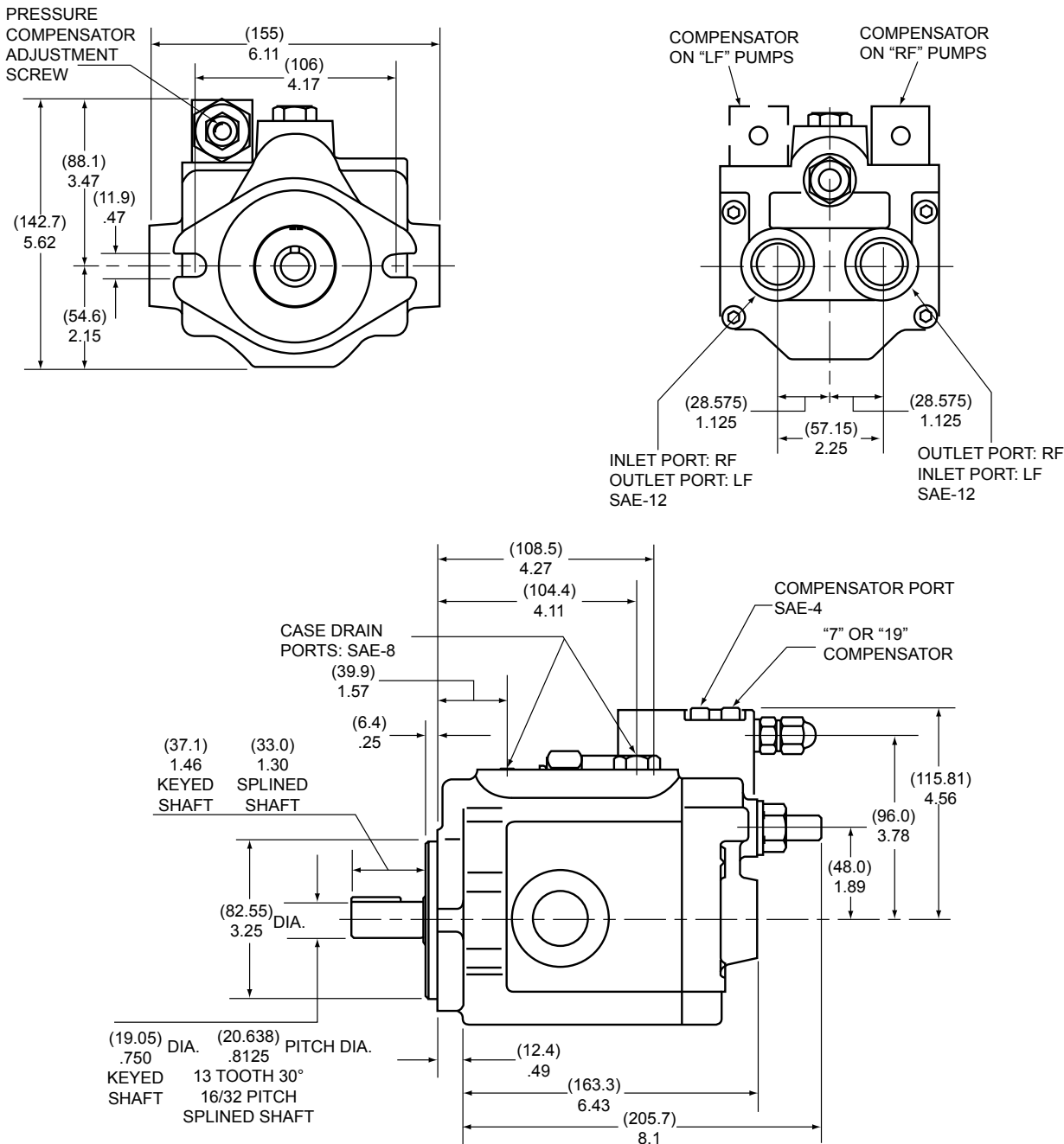
THE ABOVE DATA IS TYPICAL PERFORMANCE AT 1750 RPM.

HPV6 Series



Axial Piston Pumps, Variable Displacement, Pressure Compensated

INSTALLATION DIMENSIONS -- REAR PORTS



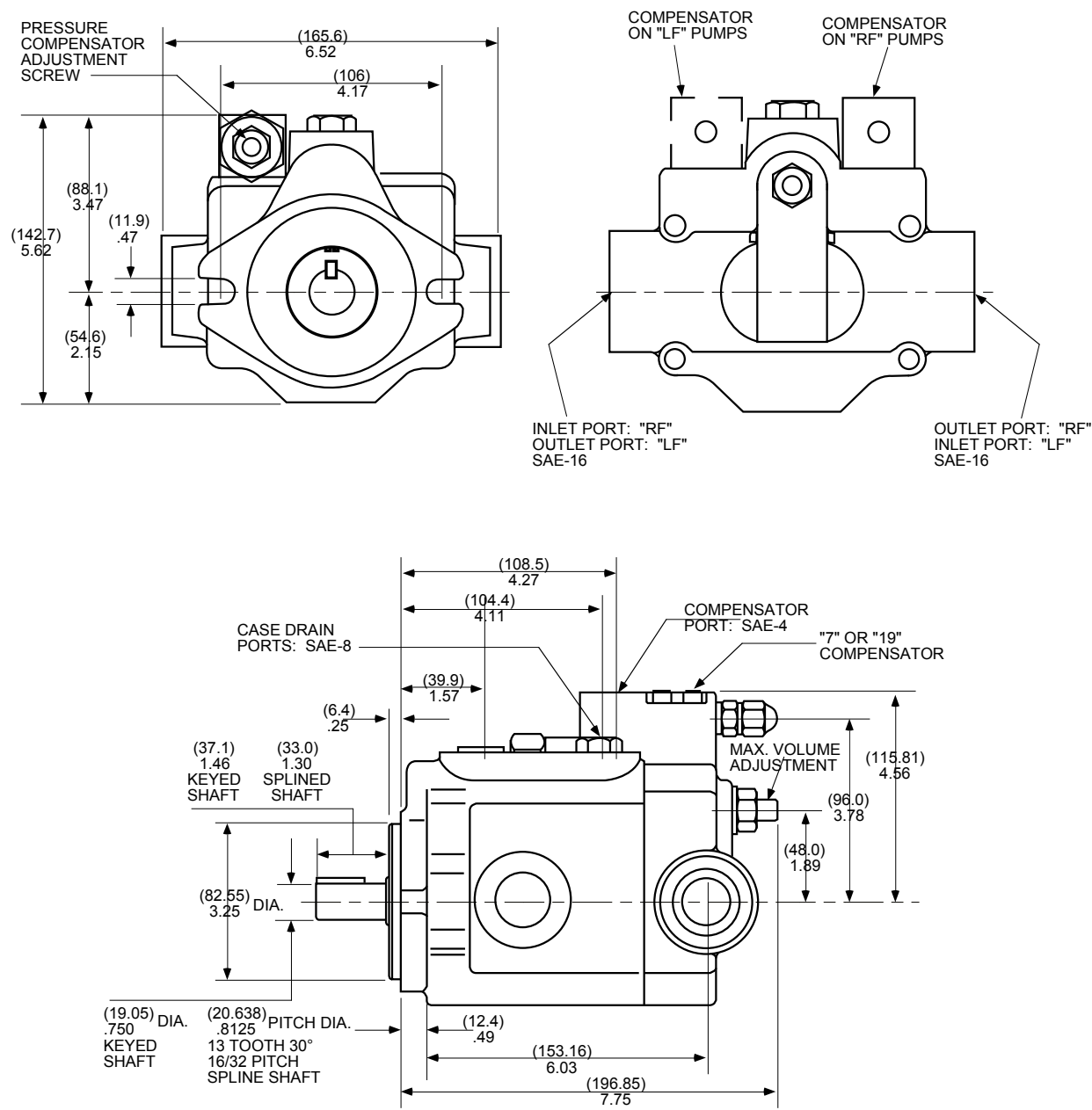
NOTE: KEY SIZE = 3/16" x 1.00"

HPV6 Series



Axial Piston Pumps, Variable Displacement, Pressure Compensated

INSTALLATION DIMENSIONS - SIDE PORTS



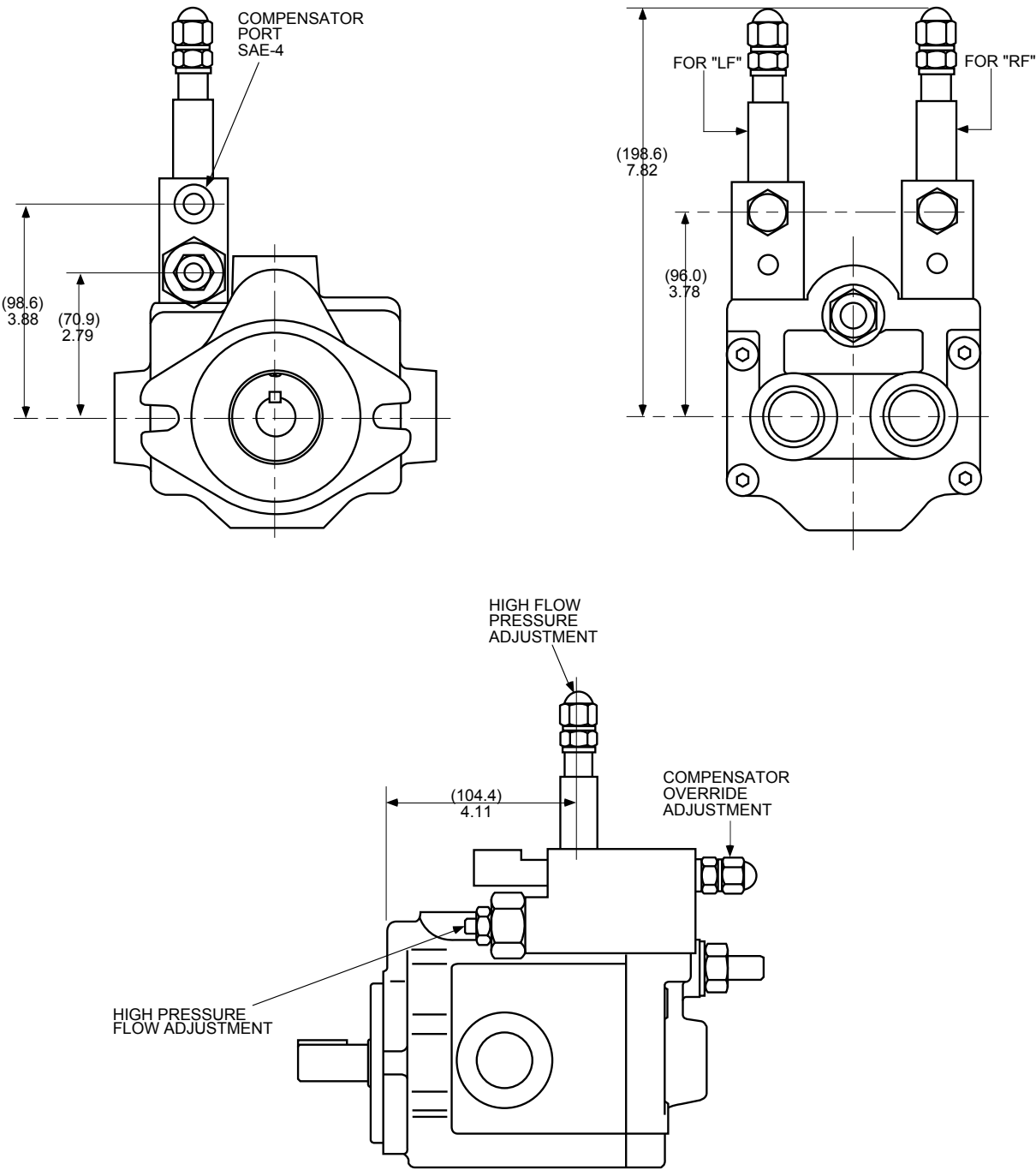
NOTE: KEY SIZE = 3/16" x 1.00".

HPV6 Series



Axial Piston Pumps, Variable Displacement, Pressure Compensated

HORSEPOWER LIMITING DIMENSIONS

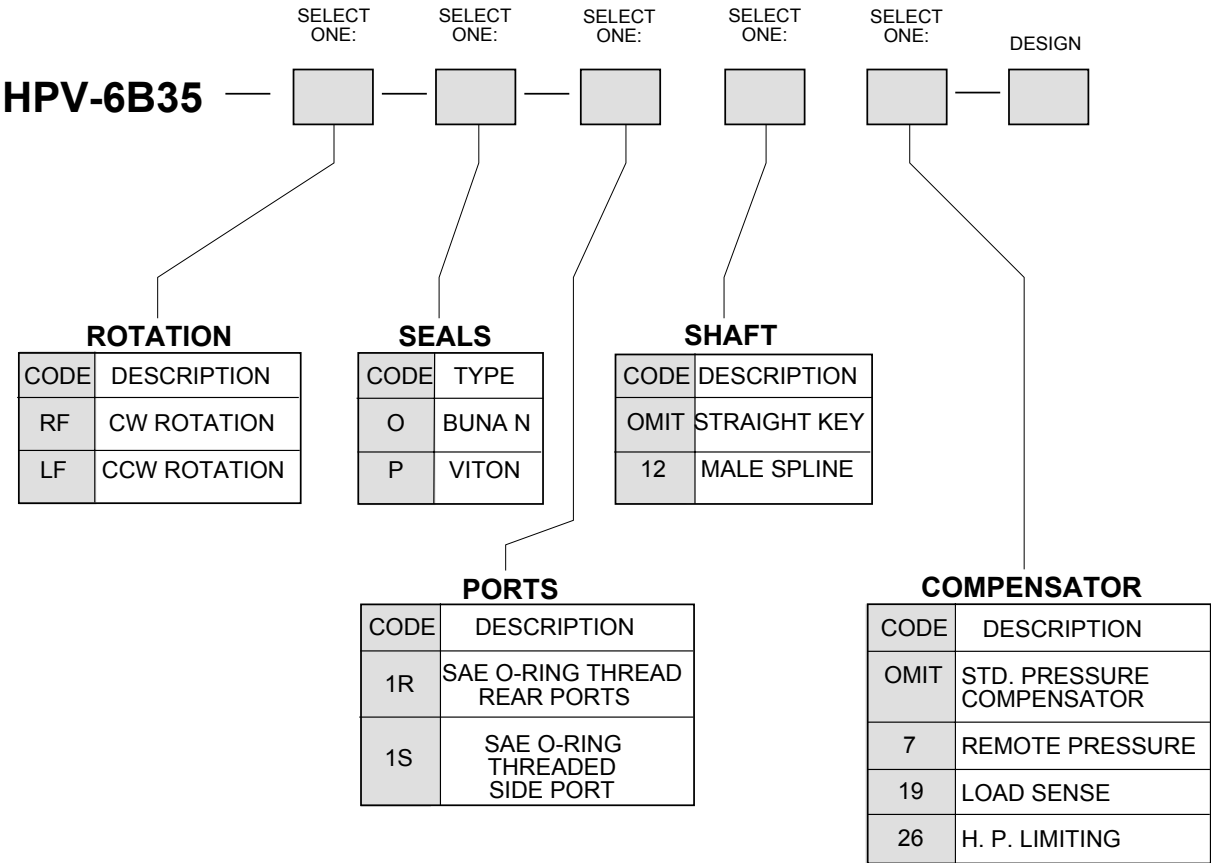


HPV6 Series



Axial Piston Pumps, Variable Displacement, Pressure Compensated

ORDERING INFORMATION



TYPICAL ORDERING CODE: HPV-6B35-RF-O-1R