

A10V VARIABLE DISPLACEMENT PUMPS

TECHNICAL SPECIFICATIONS

- SWASHPLATE AXIAL PISTON PUMP
- GOOD SUCTION CHARACTERISTICS
- COMPACT, LIGHTWEIGHT, LOW NOISE
- LONG SERVICE LIFE, HIGH PRECISION BEARINGS
- AXIAL AND RADIAL LOAD CAPACITY

MAXIMUM OPERATING PRESSURE

NOMINAL: 4060 PSI (280 BAR)
 INTERMITTENT: 4560 PSI (315 BAR)
 PEAK: 5075 PSI (350 BAR)
 MAXIMUM CASE DRAIN PRESSURE: 29 PSI (2 BAR)
 SUCTION PRESSURE RANGE: 11.6 - 435 PSI (0.8 - 30 BAR)
 ABSOLUTE



FEATURES

- PRESSURE COMPENSATOR WITH LOAD SENSE CONTROL (DFR)
- VOLUME STOP
- CLOCKWISE ROTATION
- SIDE PORTS WITH CODE 61 FLANGES
- BUNA SEALS

ALSO AVAILABLE

- MANY CONTROLS SUCH AS: REMOTE COMPENSATOR (DRG) AND COMPENSATOR WITH HORSEPOWER LIMITER (DFLR)
- COUNTERCLOCKWISE ROTATION
- END PORTS WITH CODE 61 OR 62 FLANGES
- VITON SEALS
- OTHER MOUNTING FLANGES AND SHAFTS

DISPLACEMENT IN ³ (CM ³) / REV.	GPM @ 1800 RPM	MAX RPM	MOUNTING FLANGE	PORTS CODE FLANGE 61	DRAIN PORT	SHAFT	PART NUMBER
1.1 (18)	8.5	3300	SAE-A 2 BOLT	INLET: 1" OUTLET: 3/4"	SAE 06	3/4" KEY	A10VS0-18-DFR-31-R-P-K-C62N00
						3/4-SPLINE	A10VS0-18-DFR-31-R-P-S-C62N00
1.71 (28)	13	3000	SAE-B 2 BOLT	INLET: 1 1/4" OUTLET: 1"	SAE 08	7/8" KEY	A10VS0-28-DFR-31-R-P-K-C62N00
						7/8" SPLINE	A10VS0-28-DFR-31-R-P-S-C62N00
2.75 (45)	21	2600	SAE-C 2 BOLT	INLET: 1 1/2" OUTLET: 1"	SAE 10	1" KEY	A10VS0-45-DFR-31-R-P-K-C62N00
						1" SPLINE	A10VS0-45-DFR-31-R-P-S-C62N00
4.33 (71)	33.5	2200	SAE-C 2 BOLT	INLET: 2" OUTLET: 1"	SAE 10	1 1/4" KEY	A10VS0-71-DFR-31-R-P-K-C62N00
						1 1/4" SPLINE	A10VS0-71-DFR-31-R-P-S-C62N00
6.10 (100)	47	2000	SAE-C 2 BOLT	INLET: 2 1/2" OUTLET: 1 1/4"	SAE 12	1 1/2" KEY	A10VS0-100-DFR-31-R-P-K-C62N00
						1 1/2" SPLINE	A10VS0-100-DFR-31-R-P-S-C62N00
8.54 (140)	66.5	1800	SAE-D 4 BOLT	INLET: 2 1/2" OUTLET: 1 1/4"	SAE 12	1 3/4" KEY	A10VS0-140-DFR-31-R-P-K-C62N00
						1 3/4" SPLINE	A10VS0-140-DFR-31-R-P-S-C62N00