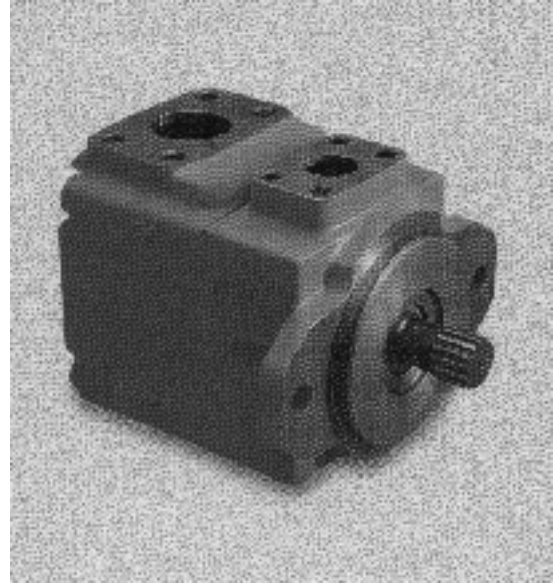


VM3B VANE MOTOR



- High speeds to 4000 rpm
- High pressures to 210 bar
- High overall efficiency gives excellent starting torque characteristics when starting under full load.
- Hydraulic balance significantly reduces wear and heat producing friction.
- Cartridge technology allows ease of maintenance and changing motor speed and torque characteristics.



TECHNICAL DATA

Cam ring in Lbs at 100 psi	Displacement		Max Pressure		Max Speed	Torque		Power at 100 rpm kW/bar
	Cu/ins/rev	cc/rev	psi	bar		in lbs/psi	Nm/bar	
009	0.56	9.2	2500	175	4000	0.08	0.130	0.0015
012	0.75	12.3	3000	210	4000	0.11	0.186	0.0020
018	1.13	18.5	3000	210	4000	0.19	0.304	0.0032
027	1.70	27.8	3000	210	4000	0.30	0.485	0.0050
036	2.26	37.1	3000	210	4000	0.38	0.624	0.0065

MOTOR ORDERING CODE

VM3B	1	018	1	N	00	B	1	01
MOTOR SERIES								
INT DRAIN OMIT FOR EXT								
TORQUE RATING REFER TABLE ABOVE								
SHAFT (1) KEYED (3) SPLINE SAE A (4) SPLINE SAE B								
SHAFT ROTATION (N) BI-DIRECTIONAL								
PORT POSITIONS SEE BELOW								
DESIGN LETTER								
SEAL CLASS (1) - S1 SEAL CLASS (5) - S5								
00 =SAE THREADED PORT SEA DRAIN 01 = SAE 4 BOLT FLG BSPP DRAIN 02 = BSPP THREADED PORTS								

