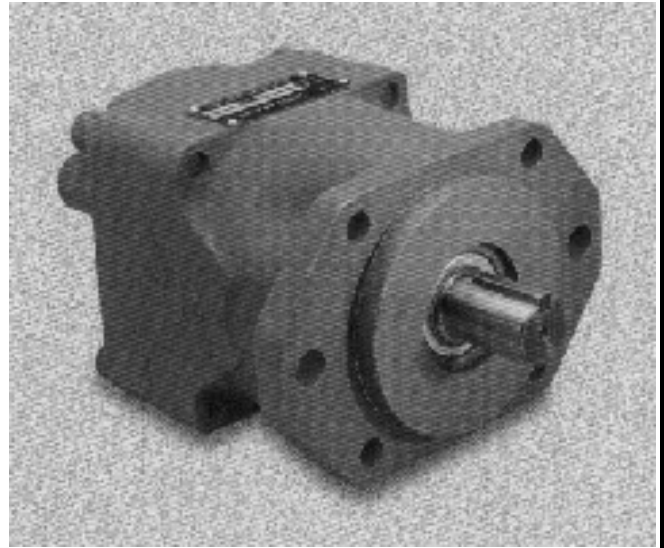


VM4D VANE MOTOR



- High speeds to 4000 rpm
- High pressures to 230 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	
062	3.97	65.1	3400	230	4000	0.63	1.04	0.0110
072	4.69	76.8	3400	230	4000	0.75	1.22	0.0130
088	5.56	91.1	3400	230	4000	0.88	1.45	0.0150
102	6.44	105.5	3000	210	4000	1.02	1.68	0.0180
113	7.12	116.7	3000	210	4000	1.13	1.86	0.0200
128	8.08	132.4	2800	190	4000	1.28	2.11	0.0220
138	8.81	144.4	2500	175	4000	1.40	2.30	0.0240

MOTOR ORDERING CODE

VM4C	*	1	102	1	N	00	B	1	01
MOTOR SERIES									
SEVERE DUTY (S) OMIT FOR NORMAL DUTY									
INT DRAIN OMIT FOR EXT									
TORQUE RATING REFER TABLE ABOVE									
SHAFT (1) KEYED SAE C (3) SPLINE SAE C									
SHAFT ROTATION (N) BI-DIRECTIONAL									
PORT POSITIONS SEE NEXT PAGE									
DESIGN LETTER									
SEAL CLASS (1) - S1 SEAL CLASS (5) - S5									
00 =SAE THREADED PORT SAE DRAIN 01 = SAE 4 BOLT FLG BSPP DRAIN 02 = BSPP THREADED PORTS									

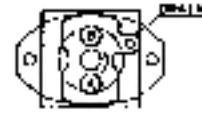
VM4D VANE MOTOR



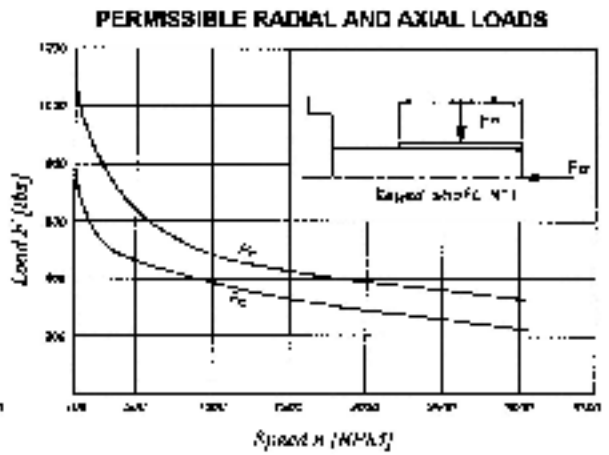
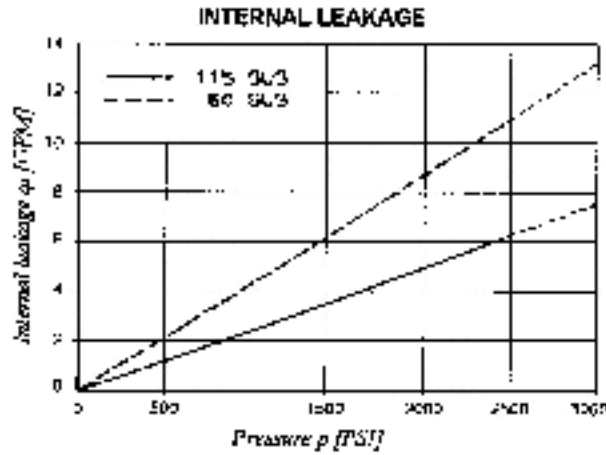
ASH21 - JMS01 : Draw part is pingged.

View from shaft end :

CW rotation A = inlet CW rotation A = outlet
 H = outlet B = inlet



00



DIMENSIONAL DATA

