



VANE AIR MOTORS

SINCE 1966

Realizing Clever Conceptions

ISO 9001

FEATURES

- 100% Explosion-proof
- Never Burn Out
- Mounting Flexibility
- Stalling Safety
- Self-Sealing & Cool Running
- All Plane Operation
- Stepless Speed Control
- Smooth Start
- Toleration of Environment

Air Motors can easily operate under conditions which are unfavorable for electric, hydraulic, stepper and servo motors.

APPLICATIONS

- Hoists / Winches
- Conveyor Drives
- Automation Devices
- Hose Reels
- Mixing Equipment
- Choppers / Grinders
- Turntables
- Pump Drives
- Food / Pharmacy Packaging

Vane Air Motors are all reversible & available in 8 vanes

Dual-Shaft , Diverse Gear Reductions & Brakes Available



Specifications

Series	Gear Ratio	Performance at Maximum Speed							Max. Torque		
		Power		Torque		Speed	Air Consumption		Speed	Torque	
		HP	kW	N-m	lb-in	RPM	l/min	CFM	RPM	N-m	lb-in
V1	1:1	0.45	0.33	0.31	2.75	10000	500	20.5	650	0.65	5.75
	15:1	0.38	0.28	4.07	36	666	590	21	30	8.15	72
VA1	1:1	0.50	0.37	0.60	5.31	6000	760	27	500	0.68	6.01
	15:1	0.46	0.23	8.13	72	400	590	21	30	8.02	71
V2	1:1	0.93	0.69	2.20	19.5	3000	850	30	350	3.05	27
V4	1:1	1.71	1.3	4.10	36.29	3000	2200	78	300	6.3	56
	10:1	1.3	0.94	31	274	300	1620	57	30	48	425
	15:1	1.27	0.90	45.2	400	200	1700	60	20	72.3	640
	20:1	1.17	0.87	55.0	487	150	2010	71	15	84	740
	40:1	0.95	0.71	90	800	75	2010	71	7	142	1255
V6	60:1	0.83	0.61	117.5	1040	50	2010	71	5	185.3	1640
	1:1	4	3	10	88.5	3000	3620	128	300	13	115
	10:1	3.43	2.54	81	720	300	3680	130	30	107	950
	20:1	2.65	1.98	124	1100	150	3680	130	15	175	1550
V8	40:1	2.1	1.57	195	1725	75	3820	135	8	283	2500
	1:1	5.25	3.9	15	132	2500	4955	175	300	21	185
V16	20:1	3.7	2.76	209	1850	125	5010	177	15	288	2550
	1:1	9.5	7.08	34	300	2000	7787	275	300	43	380
	20:1	6.5	4.85	472	4177	100	7787	275	15	585	5177

Working Fluid: Compressed Air Operating Pressure: 6 kg/cm² Max. Operating Pressure: 7 kg/cm² Ambient Temperature: -10 ~ +120°C

Air Motors are designed to operate by compressed air and to be used with filter, regulator and lubricator to improve performance and provide longer life. Users should be responsible for determining suitability of the product for intended use and assuming all risk and liability whatsoever in connection therewith.

Call us Australia Wide On Phone: **0411 729 849**



V1-F V1-L With Reducer/Face Mount With Reducer/Foot Mount

Model	V1-F	V1-L
Mounting	Face	Foot

V1A



VA1-F VA1-L With Reducer/Face Mount With Reducer/Foot Mount

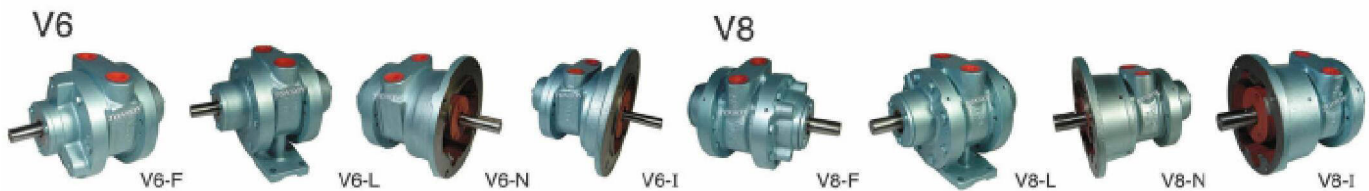
Model	VA1-F	VA1-L
Mounting	Face	Foot



Model	V2-F	V2-L	V2-B	V2-N	V2-I
Mounting	Face	Foot	Butterfly	NEMA 56C	IEC #72 D71, D71C



Model	V4-F	V4-L	V4-B	V4-N	V4-I
Mounting	Face	Foot	Butterfly	NEMA 56C	IEC #72 D71



Model	V6-F	V6-L	V6-N	V6-I	Model	V8-F	V8-L	V8-N	V8-I
Mounting	Face	Foot	NEMA 56C	IEC #72 D80	Mounting	Face	Foot	NEMA 145TC	IEC #72 D90

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