



Permanent Magnet Air End

TYPE		MALV 55D	MALV 55	MALV 75D	MALV 75	MALV 82D	MALV 82	MALV 104D	MALV 104	MALV 104F	MALV 130A	MALV 130B	MALV 160A	MALV 160B
MOTOR POWER	KW	5.5	7.5	11	15	18.5	22	30	37	45	55	75	110	132
DISPLACEMENT/ DISCHARGE PRESSURE	(m3/min) / MPa	0.84/0.7	1.12/0.7	1.72/0.7	2.28/0.7	2.92/0.7	3.6/0.7	5.17/0.7	6.85/0.7	8.20/0.7	10.67/0.7	13.71/0.7	20.22/0.7	24.72/0.7
		0.79/0.8	1.05/0.8	1.61/0.8	2.13/0.8	2.73/0.8	3.36/0.8	4.83/0.8	6.41/0.8	7.67/0.8	9.98/0.8	12.81/0.8	18.90/0.8	23.10/0.8
		0.69/1.0	0.92/1.0	1.41/1.0	1.87/1.0	2.39/1.0	2.95/1.0	4.24/1.0	5.62/1.0	6.72/1.0	8.75/1.0	11.24/1.0	16.58/1.0	20.26/1.0
		0.63/1.25	0.84/1.25	1.29/1.25	1.71/1.25	2.18/1.25	2.69/1.25	3.86/1.25	5.12/1.2	6.13/1.25	7.98/1.25	10.25/1.25	15.12/1.25	18.48/1.25
DRIVING MODE		ONE-PIECE												
STARTING MODE		SOFT START												
LxWxH (mm)	L	475	527	545	594	600	650	685	735	735	933	998	1200	1256
	W	248	248	338	338	375	375	437	437	437	548	548	600	600
	H	230	230	315	315	350	350	408	408	408	566	566	665	665
Net Weigh	Kg	60	65	125	135	170	180	265	280	280	410	450	820	850

Two-Stage Double Permanent Magnet Air End / MALV75

Motor Power Kw/HP	Displacement Exhaust Pressure (M3/Min) / MPa	RPM r/Min	Frequency HZ	Power Factor	Insulation Class	Service Factor	Protection Grade	Connection Mode
7.5/10	1.17/0.80	1600	106	0.97	F	1.25	IP65	Y-Δ
11/15	1.72/0.80	2400	160					
11/15	1.6/1.00	2100	140					
15/20	2.3/0.80	3300	220					

Two-Stage Double Permanent Magnet Air End / MALV104

Motor Power Kw/HP	Displacement Exhaust Pressure (M3/Min) / MPa	RPM r/Min	Frequency HZ	Power Factor	Insulation Class	Service Factor	Protection Grade	Connection Mode
22/30	3.8/0.80	1900	126	0.98	F	1.25	IP65	Y-Δ
22/30	3.4/1.00	1800	120					
30/40	5.2/0.80	2500	166					
30/40	4.6/1.00	2310	154					
37/50	6.6/0.80	3200	213					
37/50	5.6/1.00	2820	188					

Two-Stage Double Permanent Magnet Air End / MALV130

Motor Power Kw/HP	Displacement Exhaust Pressure (M3/Min) / MPa	RPM r/Min	Frequency HZ	Power Factor	Insulation Class	Service Factor	Protection Grade	Connection Mode
45/60	7.7/0.80	1900	126	0.98	F	1.25	IP65	Y-Δ
45/60	7.0/1.00	1680	112					
55/75	10.5/0.80	2300	153					
55/75	8.4/1.00	2055	137					

Two-Stage Double Permanent Magnet Air End / MALV160

Motor Power Kw/HP	Displacement Exhaust Pressure (M3/Min) / MPa	RPM r/Min	Frequency HZ	Power Factor	Insulation Class	Service Factor	Protection Grade	Connection Mode
75/100	14.3/0.80	1800	90	0.98	F	1.25	IP65	Y-Δ
75/100	12.5/1.00	1600	80					
90/120	17.2/0.80	2200	110					