

FLUID POWER PNEUMATICS VANE AIR MOTORS OVERVIEW

VANE AIR MOTORS

Our lubricated vane air motors come in seven basic models up to 9.5hp (7kW) with variable motor speeds from 300 – 10 000rpm.

Oilless versions, which require absolutely no lubrication, come in three basic models ranging from 0.18 to 2.5hp (0.13 – 1.86kW) with motor speeds up to 2000rpm.

We offer hub, foot, face, and flange mountings and single or bi-directional rotation.

We also offer 4-vane & 8-vane models.

PERFORMANCE OVERVIEW

FLUID POWER VANE AIR MOTORS

MODEL	OPERATION DATA							MAXIMUM TORQUE		
	Max Output Power		Torque at max output		Max Speed	Max Air Consumption		Max Speed	Max Torque	
	hp	kw	Nm	lb.in	rpm	m3/h	cfm	rpm	Nm	lb.in
FPP1AM	0.45	0.33	0.31	2.75	10000	35.10	20.50	650.00	0.65	5.60
FPP1UP	0.45	0.33	0.58	5.25	6000	47.00	27.00	500.00	0.68	6.00
FPP2AM	0.93	0.68	2.20	19.50	3000	49.50	30.00	350.00	3.05	26.10
FPP4AM	1.70	1.30	4.10	36.00	3000	132.50	78.00	300.00	6.30	56.00
FPP6AM	4.00	3.00	10.00	84.00	3000	228.00	128.00	300.00	13.00	115.00
FPP8AM	5.25	3.90	14.40	132.00	2500	293.00	175.00	300.00	21.00	185.00
FPP16AM	9.50	7.00	34.00	290.00	2000	475.00	275.00	300.00	43.00	372.00