

Direct Drive Multi-Vane Motors

Series MVA and MOV0

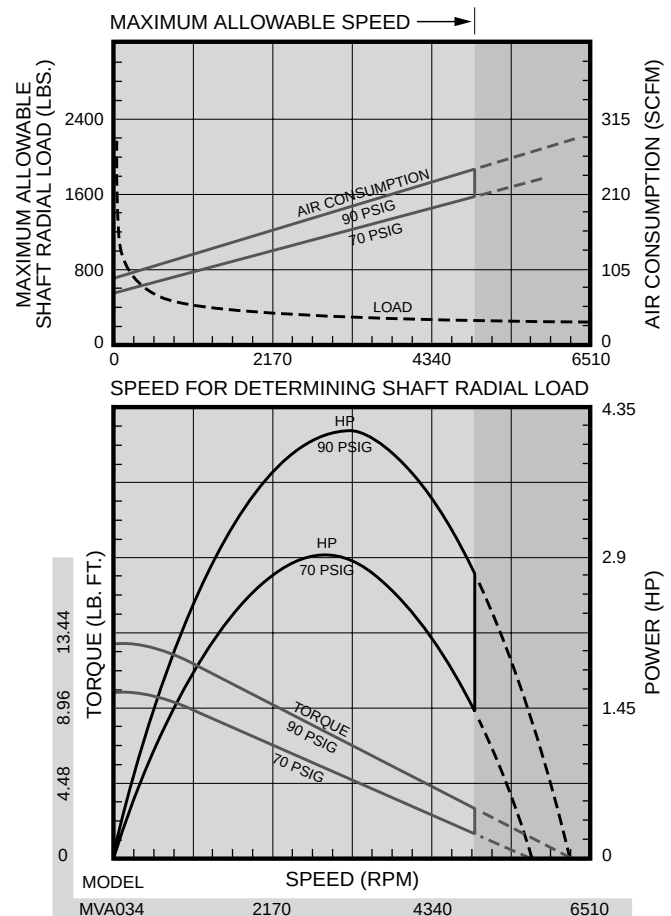
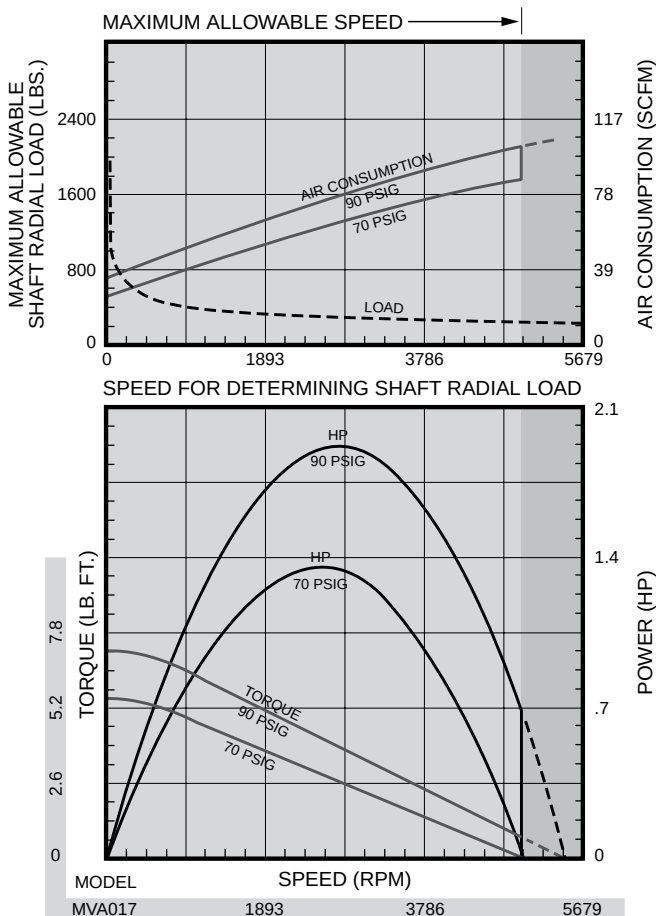
Specifications

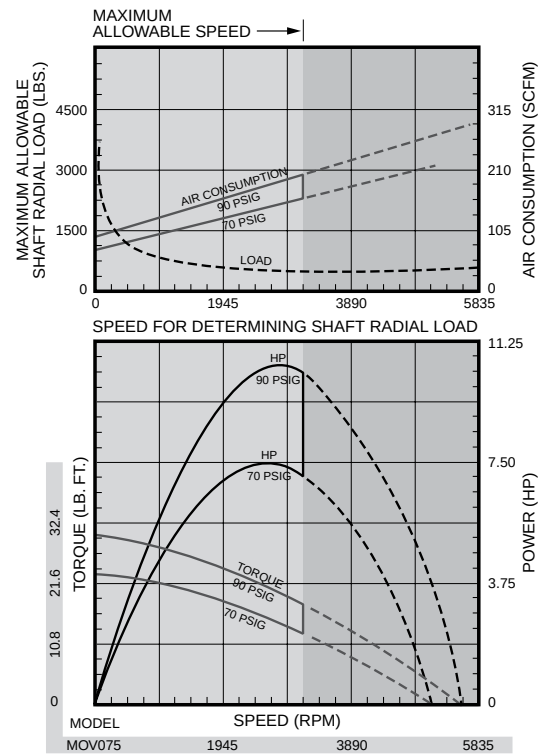
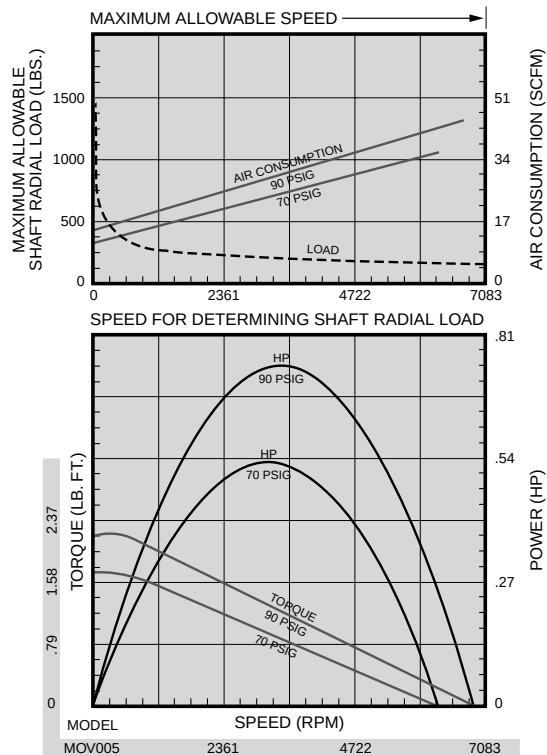


Model*	Max. Power		Speed at Max. Power	Free Speed▲	Starting Torque		Stall Torque		Air Consumption at Max. Power		Weight	
	hp	kw	rpm	rpm	lb.-ft.	Nm	lb.-ft.	Nm	scfm	m³/m	lb.	kg
Reversible												
MVA017A	1.93	1.44	2800	5450	4.5	6.1	7	9.5	76	2.15	12½	5.67
MVA017B	1.93	1.44	2800	5450	4.5	6.1	7	9.5	76	2.15	12½	5.67
MVA034A	4.15	3.09	3000	6250	8.3	11.3	12.8	17.4	181	5.12	16½	7.48
MVA034B	4.15	3.09	3000	6250	8.3	11.3	12.8	17.4	181	5.12	16½	7.48
MOV005AA	.75	.56	3300	6800	1.65	2.2	2.2	2.98	30	.84	6½	2.95
MOV075AA	10.5	7.8	2600	5600	22.5	30.5	30	40.7	260	7.36	64	29

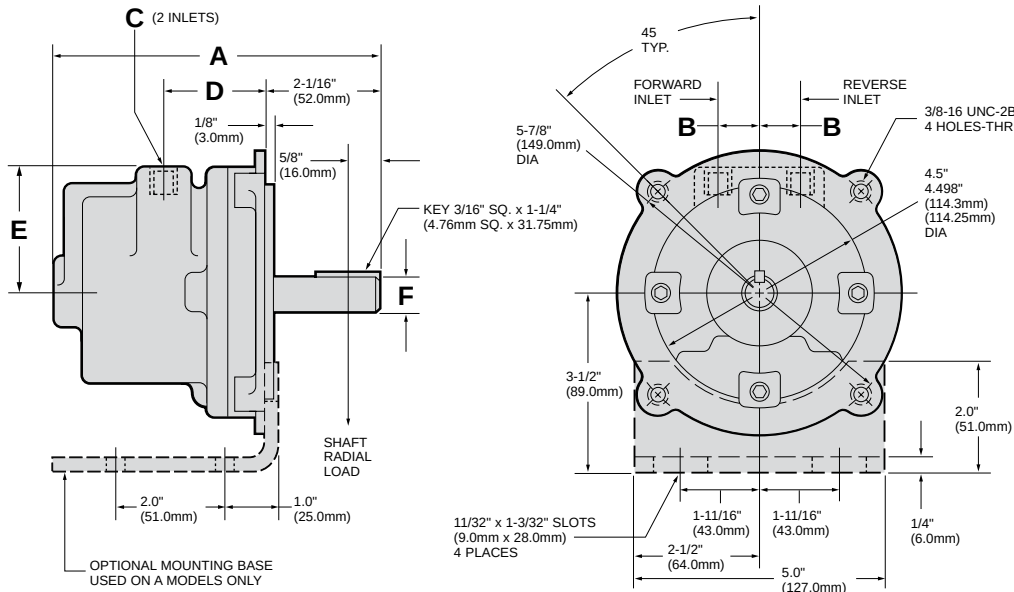
▲ ALL models must be operated with sufficient load to prevent speed from exceeding maximum allowable speed shown on performance curve. Performance figures are at 90 psig (620 kPa) air pressure.

* "A" suffix denotes foot mount model, "B" suffix denotes flange mount models.





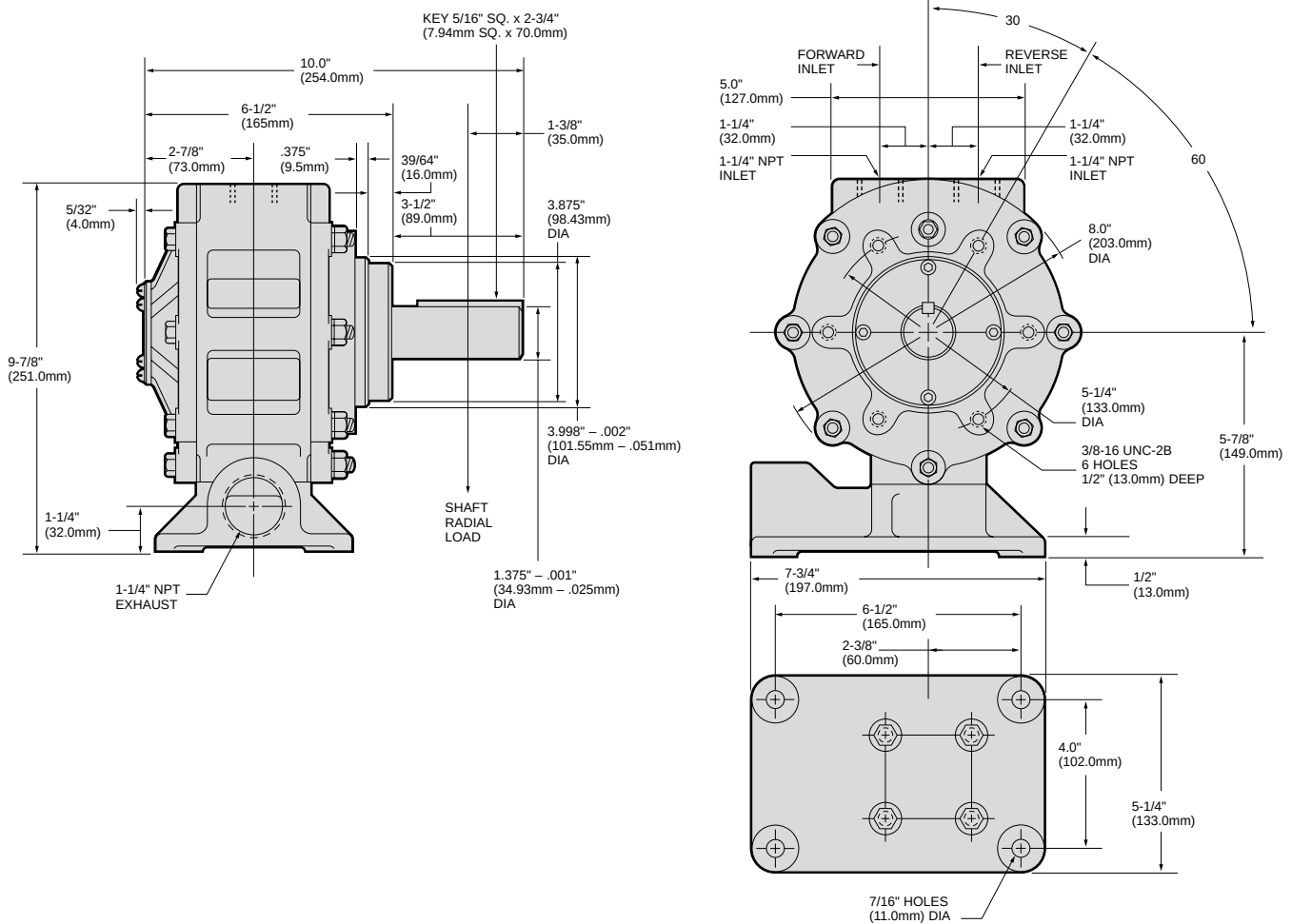
Series MVA Dimensions



Dimensions

SERIES	A		B		C	D		E		F DIA.	
	in.	mm	in.	mm	NPT	in.	mm	in.	mm	in.	mm
MVA017	6 ¹ / ₁₆	170	⁷ / ₁₆	22	³ / ₈ "	1 ¹ / ₁₆	48	2 ¹ / ₂	64	.6250 .6245	15.88 15.86
MVA034	8 ⁷ / ₁₆	214	1 ¹ / ₁₆	30	¹ / ₂ "	2	51	2 ³ / ₄	67	.8750 .8745	22.23 22.21

Model M0V075AA Dimensions



Equipment Options

Models	Furnished with Cataloged Models	Standard Options
MVA017A	*Foot Mounting	
MVA017B	NEMA C Face 56C Frame Size	MVA008-K4 Mounting Foot Kit
MVA034A	**Foot Mounting	MOV010AA-674 Muffler
MVA034B	NEMA C Face 182C Frame Size	MVA008-K4 Mounting Foot Kit MOV010AA-674 Muffler
MOV005AA	Foot/4 Hole Face Mounting	MRV015-AC 980 Muffler
MOV075AA	Foot/6 Hole Face Mounting	150BM-A674 Muffler

* Removal of Foot Mounting results in Motor having NEMA C Face Mounting, 56C Frame Size.
** Removal of Foot Mounting results in Motor having NEMA C Face Mounting, 182C Frame Size.