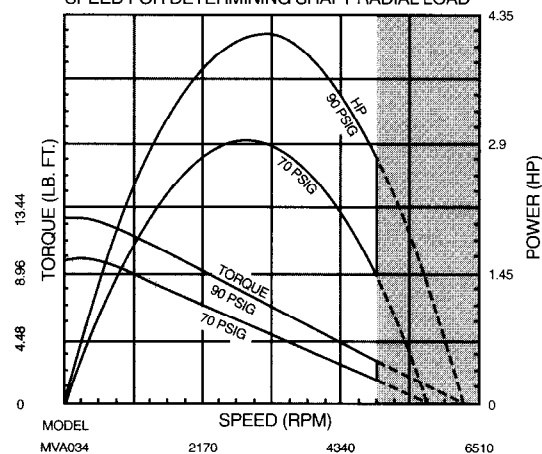
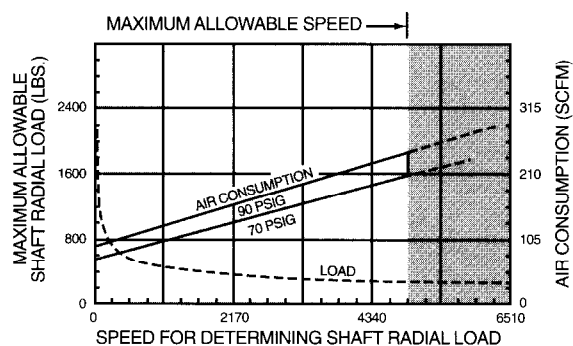
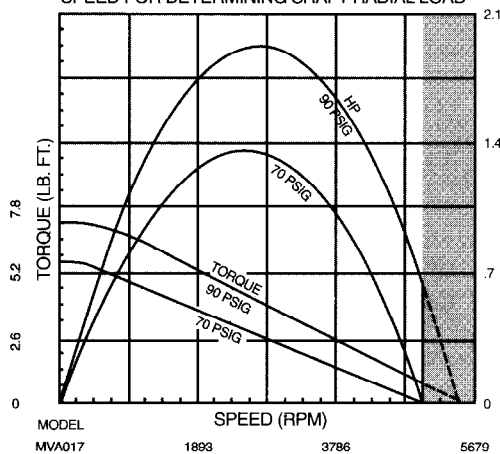
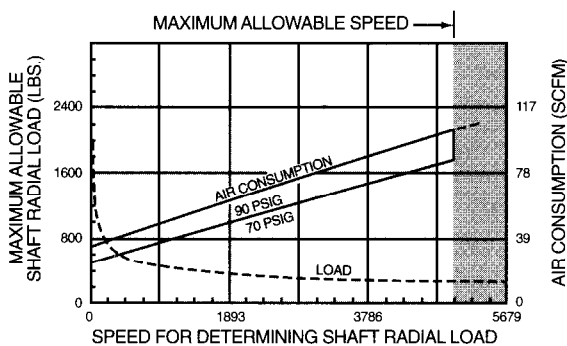
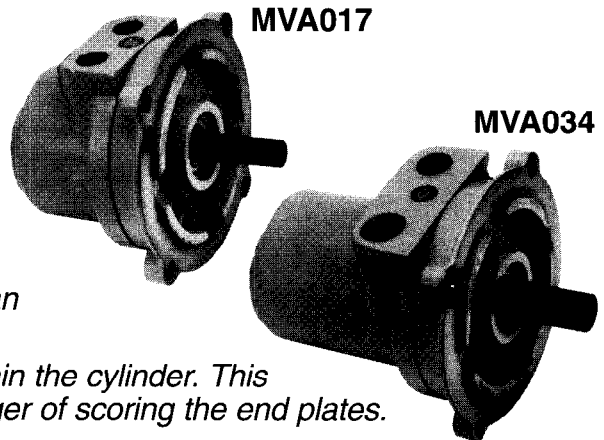


# INGERSOLL-RAND®

## MVA Series Gas Operation Motors

### Meeting your requirements with our MVA Series Gas Operation Motors

- Recommended for industrial pre- and post-lube pump applications.
- Designed for gas operation up to 90 psi.
- NEMA C face, 56C and 182C frame size mounting.
- Durable but simple design, with 40% fewer parts than previous designs.
- Floating rotor design automatically centers itself within the cylinder. This permits use on axial thrust applications without danger of scoring the end plates.

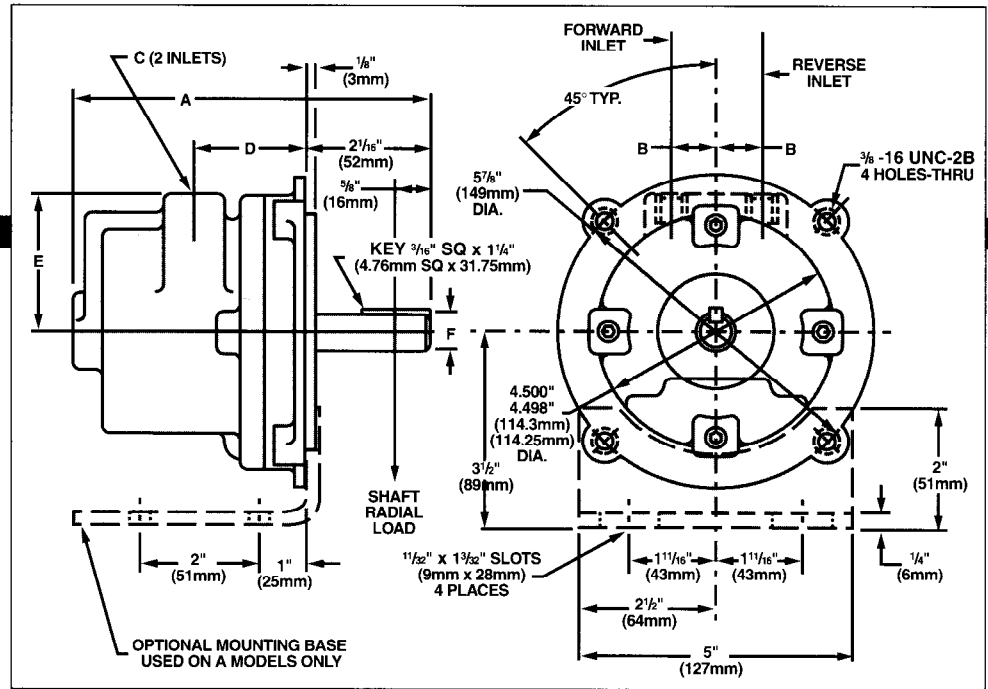


### Specifications

Model	Max. Power		Speed @ Max Power rpm	Free Speed▲ rpm	Starting Torque		Stall Torque		Air Consumption @ Max. Power		Weight	
	hp	kW			lb.-ft.	Nm	lb.-ft.	Nm	scfm	m³/m	lb.	kg
<b>Reversible</b>												
MVA017A/VSM-5252	1.93	1.44	2800	5450	4.5	6.1	7	9.5	76	2.15	12½	5.67
MVA017B/VSM-5018	1.93	1.44	2800	5450	4.5	6.1	7	9.5	76	2.15	12½	5.67
MVA034A/VSM-5019	4.15	3.09	3000	6250	8.3	11.3	12.8	17.4	181	5.12	16½	7.48
MVA034B/VSM-5159	4.15	3.09	3000	6250	8.3	11.3	12.8	17.4	181	5.12	16½	7.48

▲ 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.

# Series MVA Dimensions



## Dimensions

Series	A		B		C NPT	D		E		F Diameter	
	in.	mm	in.	mm		in.	mm	in.	mm	in.	mm
MVA017	6 <sup>11</sup> / <sub>16</sub>	170	7 <sup>7</sup> / <sub>8</sub>	22	3 <sup>5</sup> / <sub>8</sub> "	1 <sup>7</sup> / <sub>8</sub>	48	2 <sup>1</sup> / <sub>2</sub>	64	.6250 .6245	15.88 15.86
MVA034	8 <sup>7</sup> / <sub>16</sub>	214	1 <sup>3</sup> / <sub>8</sub>	30	1 <sup>1</sup> / <sub>2</sub> "	2	51	2 <sup>5</sup> / <sub>8</sub>	67	.8750 .8745	22.23 22.21

## Equipment Options

Model	Furnished with Catalog Models	Optional at Extra Price
MVA017A/VSM-5252	*Foot mounting	MVA008-K4 Mounting Foot Kit
MVA017B/VSM-5018	NEMA C face 56C frame size	
MVA034A/VSM-5019	**Foot mounting	MVA008-K4 Mounting Foot Kit
MVA034B/VSM-5159	NEMA C face 182C frame size	

\* 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.



Distributor

**INGERSOLL-RAND**  
**PRODUCTION EQUIPMENT**

## Engine Starting Systems

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