

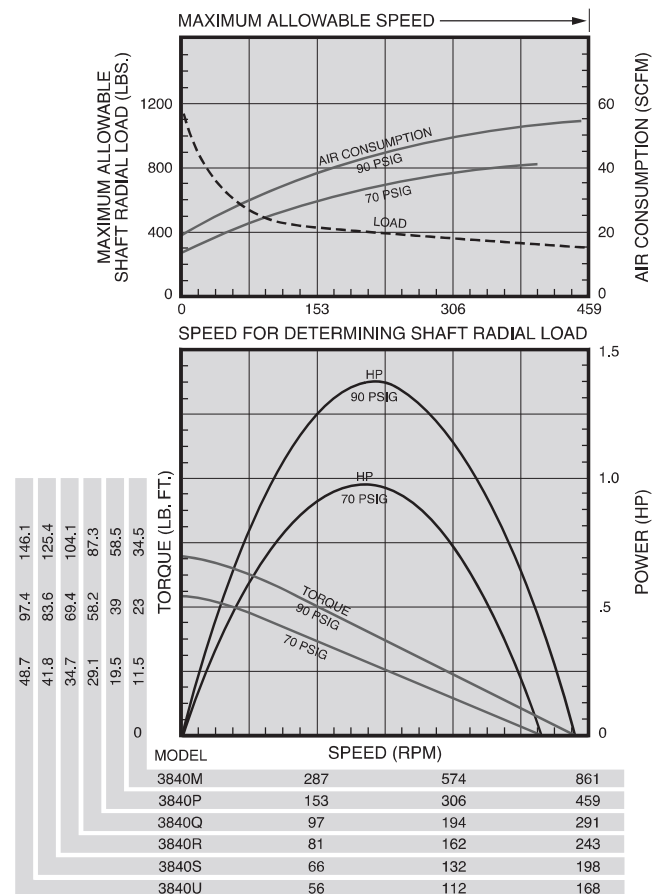
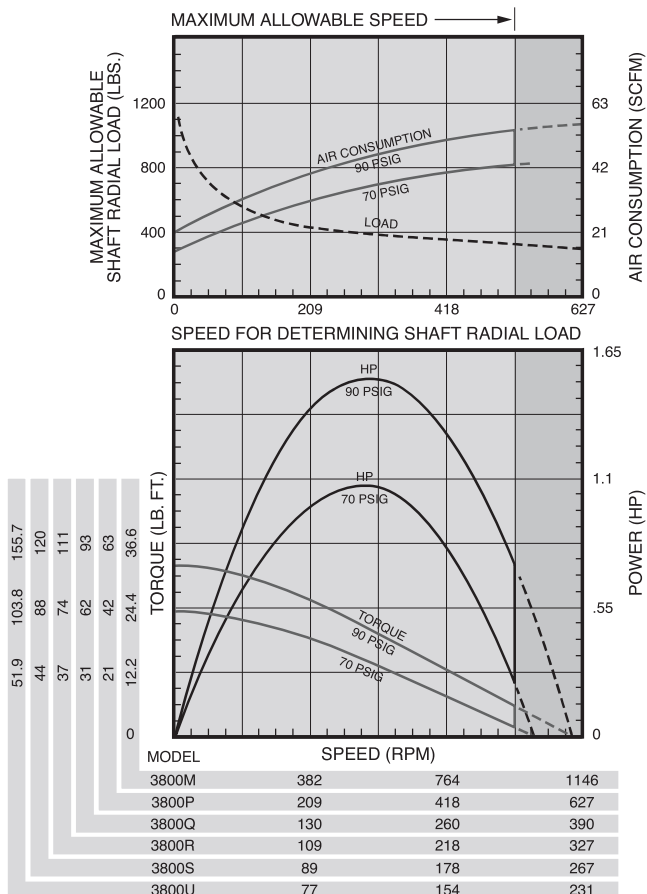
SERIES 3800 AND 3840 MULTI-VANE AIR MOTORS

SPECIFICATIONS

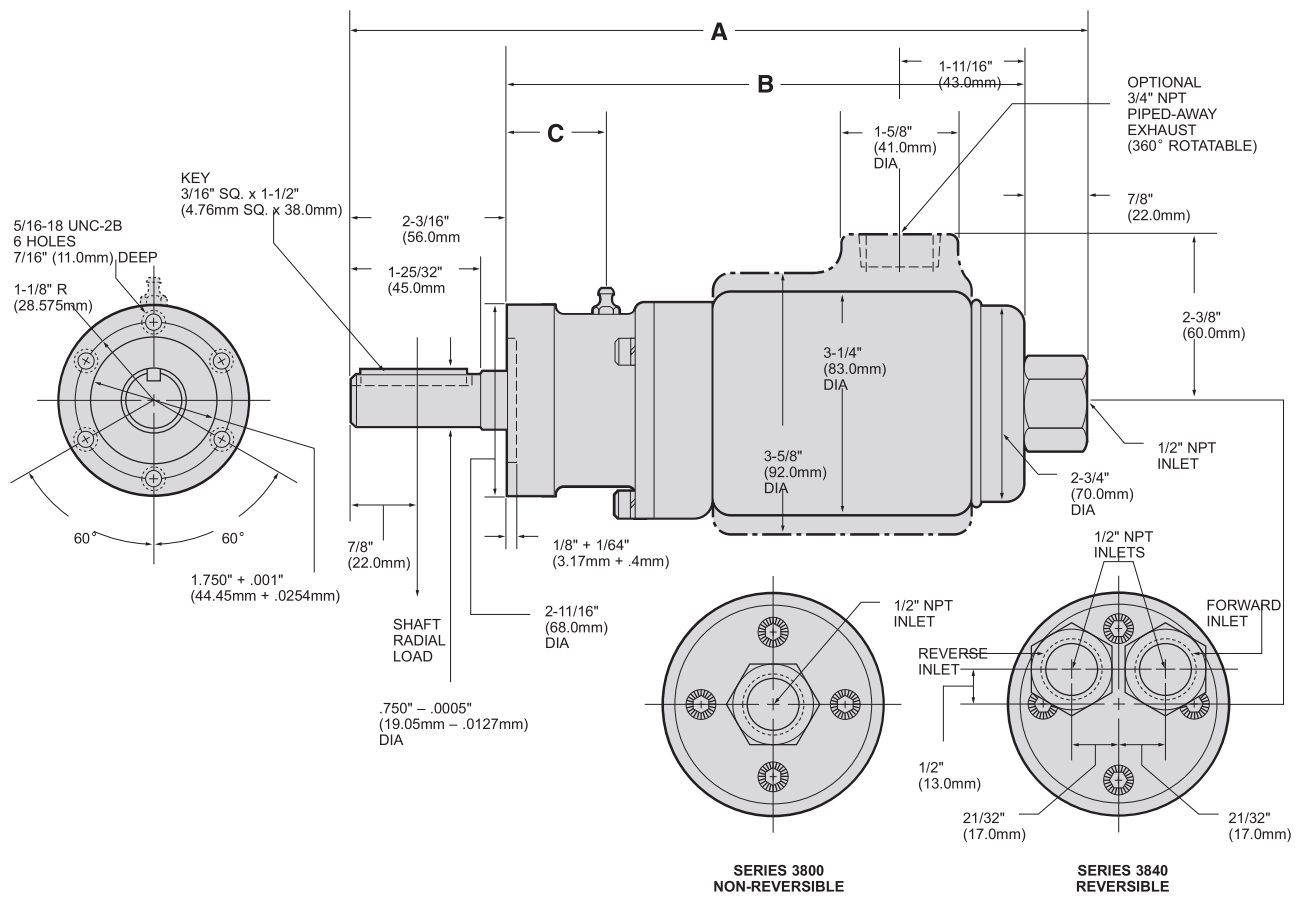


Model	Max. Power		Speed at Max. Power	Free Speed ▲	Starting Torque		Stall Torque		Air Consumption at Max. Power		Weight	
	hp	kw	rpm	rpm	lb-ft	Nm	lb-ft	Nm	scfm	m³/m	lb	kg
NON-REVERSIBLE Direction of rotation is counterclockwise when facing the shaft												
3800M	1.55	1.16	520	1,100	24	32.5	33	44.8	48	1.36	7 ¹ / ₈	3.23
3800P	1.45	1.08	285	600	42	57	56.5	76.6	48	1.36	8 ¹ / ₂	3.86
3800Q	1.45	1.08	180	375	62	84	83.5	113	48	1.36	8 ¹ / ₂	3.86
3800R	1.45	1.08	150	320	72	98	96	130	48	1.36	8 ¹ / ₂	3.86
3800S	1.45	1.08	120	255	88	119	118	160	48	1.36	8 ¹ / ₂	3.86
3800U	1.45	1.08	105	220	105	142	140	189	48	1.36	8 ¹ / ₂	3.86
REVERSIBLE												
3840M	1.40	1.04	390	825	23	31.2	31.5	42.7	44	1.25	7 ³ / ₈	3.35
3840P	1.35	1.01	215	440	40	54.2	53.5	72.6	44	1.25	8 ³ / ₄	3.97
3840Q	1.35	1.01	130	280	60	81.4	80	106	44	1.25	8 ³ / ₄	3.97
3840R	1.35	1.01	122	238	69	93	92	125	44	1.25	8 ³ / ₄	3.97
3840S	1.35	1.01	100	190	86	116	115	156	44	1.25	8 ³ / ₄	3.97
3840U	1.35	1.01	83	162	100	135	134	181	44	1.25	8 ³ / ₄	3.97

▲ 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.



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DIMENSIONS

Models	A		B		C	
	in	mm	in	mm	in	mm
3800M, 3840M	10 ¹ / ₁₆	256	7	178	1 ¹ / ₁₆	27
3800P, 3800Q, 3800R, 3800S, 3800U 3840P, 3840Q, 3840R, 3840S, 3840U	11 ¹³ / ₁₆	299	8 ¹¹ / ₁₆	221	2 ³ / ₁₆	56

EQUIPMENT OPTIONS

Furnished with Cataloged Models	Extra Options
6 Hole Face Mounting	R3800-A123 Exhaust Deflector Assembly with 3/4" Pipe Tap
	*5/8" Square Drive Shaft Shaft Extension 1.19" (30.23mm)

* To order Motor with Square Drive Shaft, add the suffix "2" to the Model Number. Example: 3840Q2.