

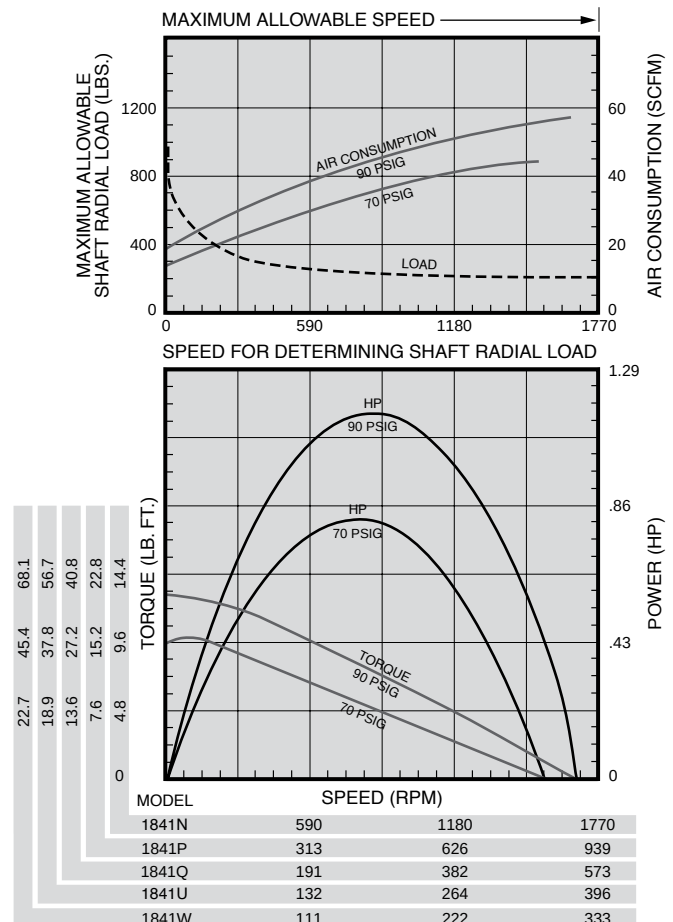
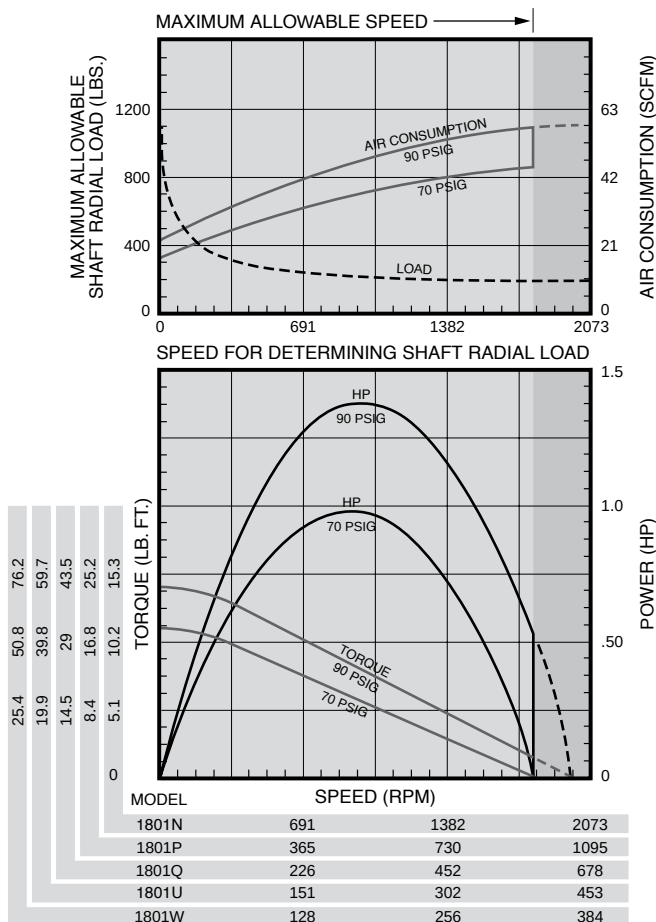
Series 1801 and 1841 Multi-Vane Air Motors

Specifications



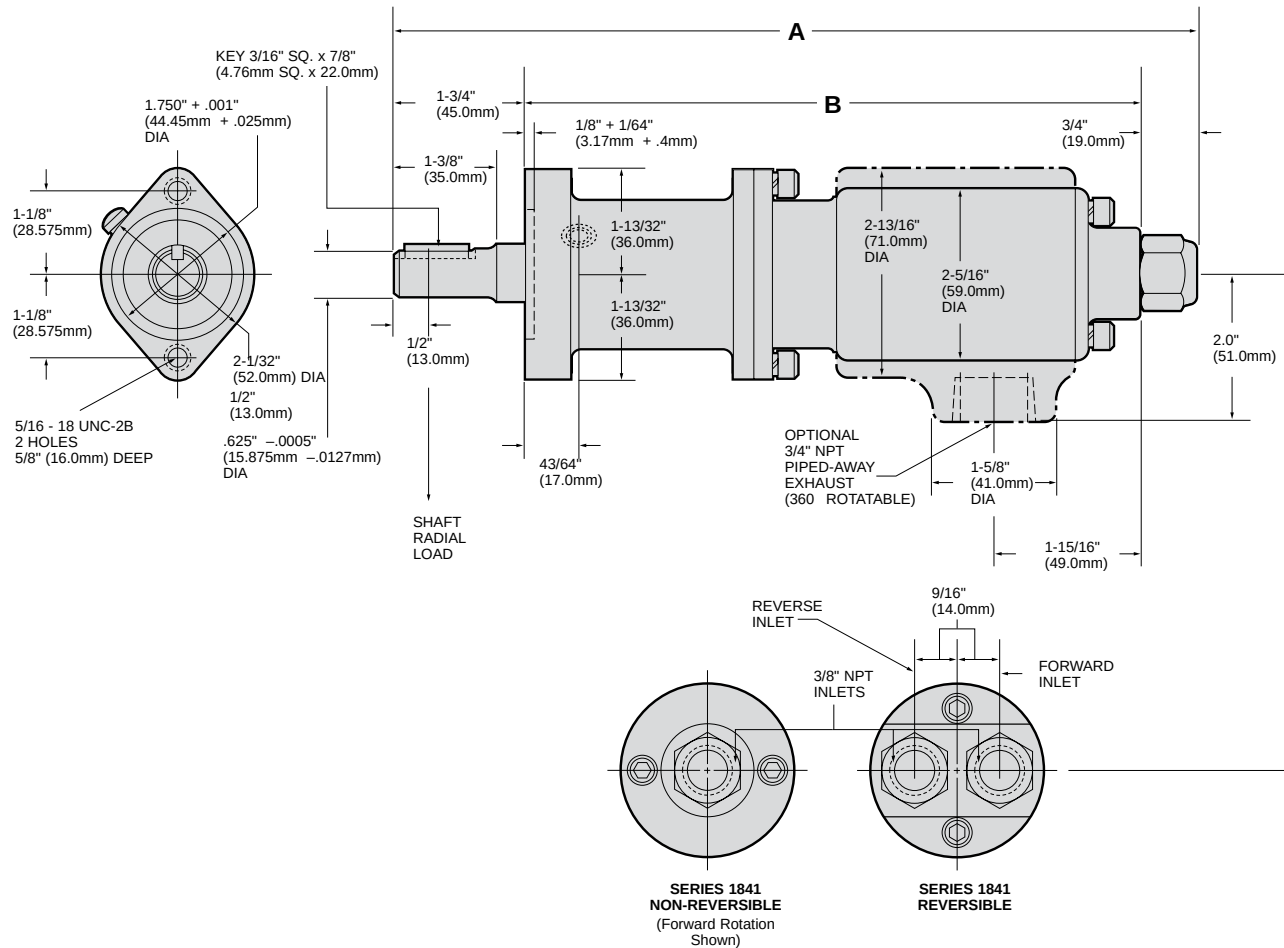
Model	Max. Power		Speed at Max. Power	Free Speed▲	Starting Torque		Stall Torque		Air Consumption at Max. Power		Weight	
	hp	kw	rpm	rpm	lb.-ft.	Nm	lb.-ft.	Nm	scfm	m³/m	lb.	kg
Non-Reversible Direction of rotation is counterclockwise when facing the shaft.												
1801N	1.40	1.04	918	1990	10.5	14.2	14	19.0	46	1.3	5½	2.44
1801P	1.35	1.01	500	1050	17.2	23.3	23	31.2	46	1.3	5½	2.61
1801Q	1.35	1.01	300	650	30.0	40.7	40	54.2	46	1.3	5½	2.61
1801U	1.35	1.01	205	435	41.0	55.6	55	74.6	46	1.3	5½	2.61
1801W	1.35	1.01	175	370	52.0	70.5	70	94.9	46	1.3	5½	2.61
Reversible												
1841N	1.2	.89	800	1700	9.3	12.6	12.5	17.0	43	1.22	5½	2.50
1841P	1.1	.82	430	900	15.0	20.3	20.0	27.1	43	1.22	5½	2.67
1841Q	1.1	.82	260	550	27.0	36.6	36.0	48.8	43	1.22	5½	2.67
1841U	1.1	.82	175	380	37.0	50.2	50.0	67.8	43	1.22	5½	2.67
1841W	1.1	.82	150	320	45.0	61.0	60.0	81.4	43	1.22	5½	2.67

▲ 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



Dimensions

Models	A		B	
	in.	mm	in.	mm
1801N, 1841N	9 ⁷ / ₁₆	240	6 ¹⁵ / ₁₆	176
1801P, 1801Q, 1801U, 1801W, 1841P, 1841Q, 1841U, 1841W	10 ³ / ₁₆	275	8 ⁷ / ₁₆	211

Equipment Options

Furnished with Cataloged Models	Extra Options
2 Hole Face Mounting	R1801-A123 Exhaust Deflector Assembly with 3/8" Pipe Tap
	*1/2" Square Drive Shaft on Gear Ratios: P, Q, U Shaft Extension 1.19" (30.23mm)

*To order Motor with Square Drive Shaft, add the suffix "2" to the Model Number. Example: 1841Q2.