

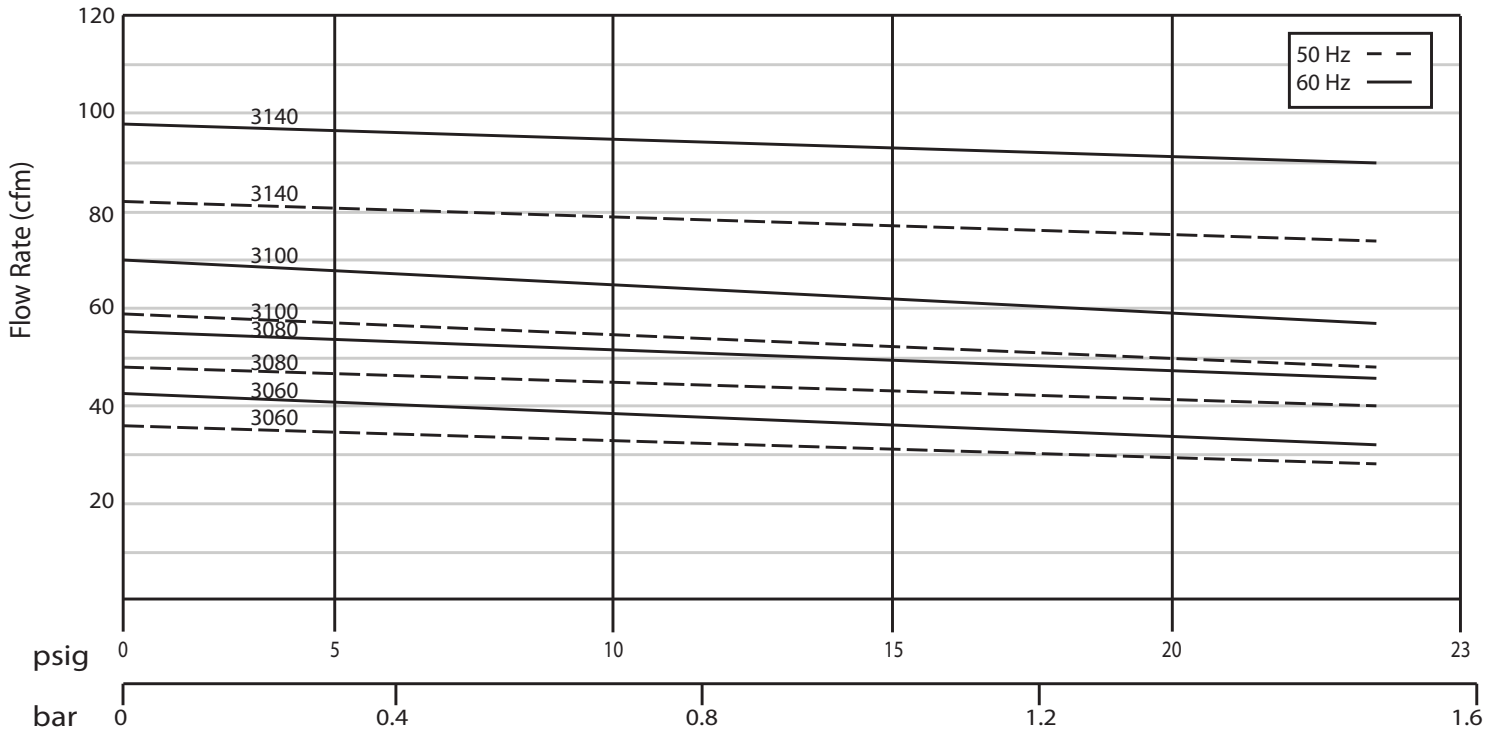
Republic offers the DRT series of dry-running rotary vane compressors which are ideally suited for oil free applications. They are single stage, air-cooled and direct driven for continuous operation. These rugged compressors are simple to install and easy to service and maintain. The smaller compressors come with a motor integrated, while the larger compressors are available with or without motor. These compressors have a displacement ranging from 5 to 92 CFM (10 to 158 m³/hr) and a maximum pressure of 21 psig.



The DRT series is used in a variety of industries such as environmental applications, water treatment, aeration, electronics, conveying, and printing.

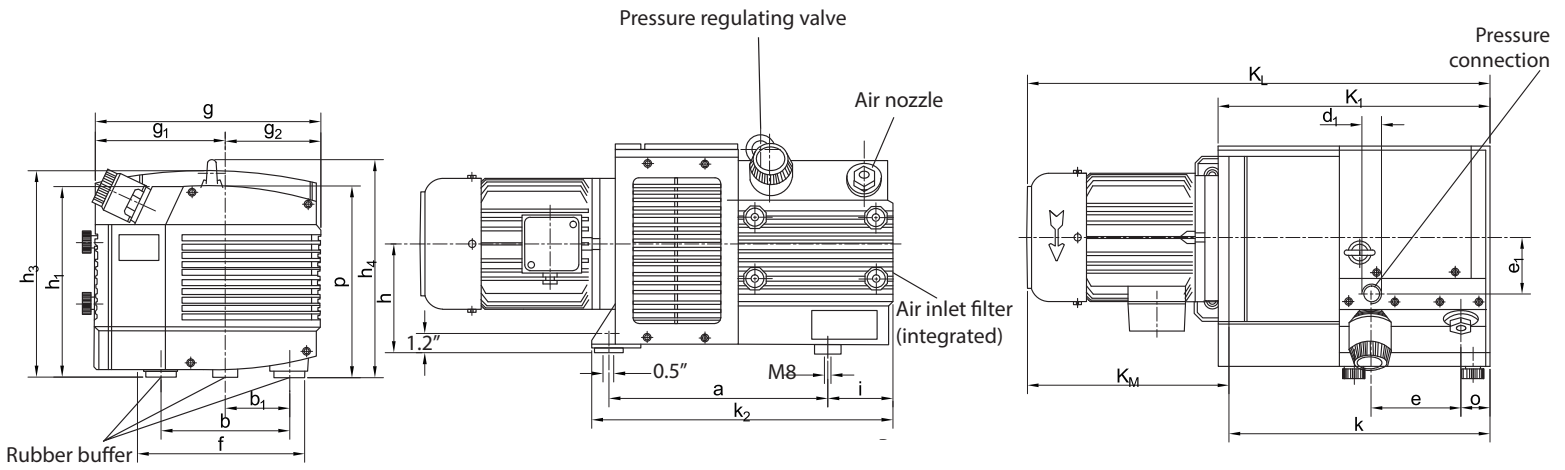
PERFORMANCE

Model	Displacement (CFM/m ³ /hr)		Max Pressure (PSIG/Bar)	Noise Level (dB)		Weight (lb/kg)	Motor Output 3 Phase		Voltage 3 Phase (V)		Speed (rpm)	
	50 Hz	60 Hz		50 Hz	60 Hz		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
3060	35/60	42/72	21.8/1.5	72	75	153/69	3.0 kw	4.8 hp	230/400	208-230/460	1450	1740
3080	47/80	56/96	21.8/1.5	74	77	170/77	4.0 kw	6.4 hp	230/400	208-230/460	1450	1740
3100	58/100	70/120	21.8/1.5	76	79	280/127	5.5 kw	8.8 hp	230/400	208-230/460	1450	1740
3140	82/140	98/168	21.8/1.5	82	85	322/146	7.5 kw	12.0 hp	230/400	208-230/460	1450	1740



All measurements are ±10%

APPROXIMATE DIMENSIONS



Model	Unit	a	b	b1	d1	e	e1	f	g	g1	g2	h	h1	h3	h4	i	k	k1	k2	kl	km	o	p
3060	in	12.9	7.5	3.7	1.0"	5.4	2.6	9.8	13.9	7.7	5.6	6.4	11.4	12.3	12.9	3.8	15.6	16.3	17.6	27.6	12.0	1.8	11.4
	mm	327	190	95	1.0"	138	65	250	353	195	141	162	289	312	328	96	397	415	448	701	306	46	289
3080	in	12.9	7.5	3.7	1.0"	5.4	2.6	9.8	13.9	7.7	5.6	6.4	11.4	12.3	12.9	3.8	15.6	16.3	17.6	27.7	12.0	1.8	11.4
	mm	327	190	95	1.0"	138	65	250	353	195	141	162	289	312	328	96	397	415	448	703	306	46	289
3100	in	16.6	9.6	4.8	0.5"	7.5	3.7	11.6	18.5	8.8	9.1	6.4	11.7	13.0	13.2	5.5	20.5	21.2	22.2	14.6	14.6	2.4	11.7
	mm	422	245	123	0.5"	190	95	295	470	223	230	162	297	330	336	140	521	539	563	370	370	60	297
3140	in	16.2	9.6	4.8	0.5"	7.5	3.7	11.6	18.5	8.8	9.1	6.4	11.7	13.0	13.2	5.5	20.5	21.2	22.2	16.1	16.1	2.4	11.7
	mm	422	245	123	0.5"	190	95	295	470	223	230	162	297	330	336	140	521	539	563	408	408	60	297

Optional Accessories

- Inlet filter
- Inlet check valve
- Vacuum gauge
- Motor starter
- Control panel
- PLC