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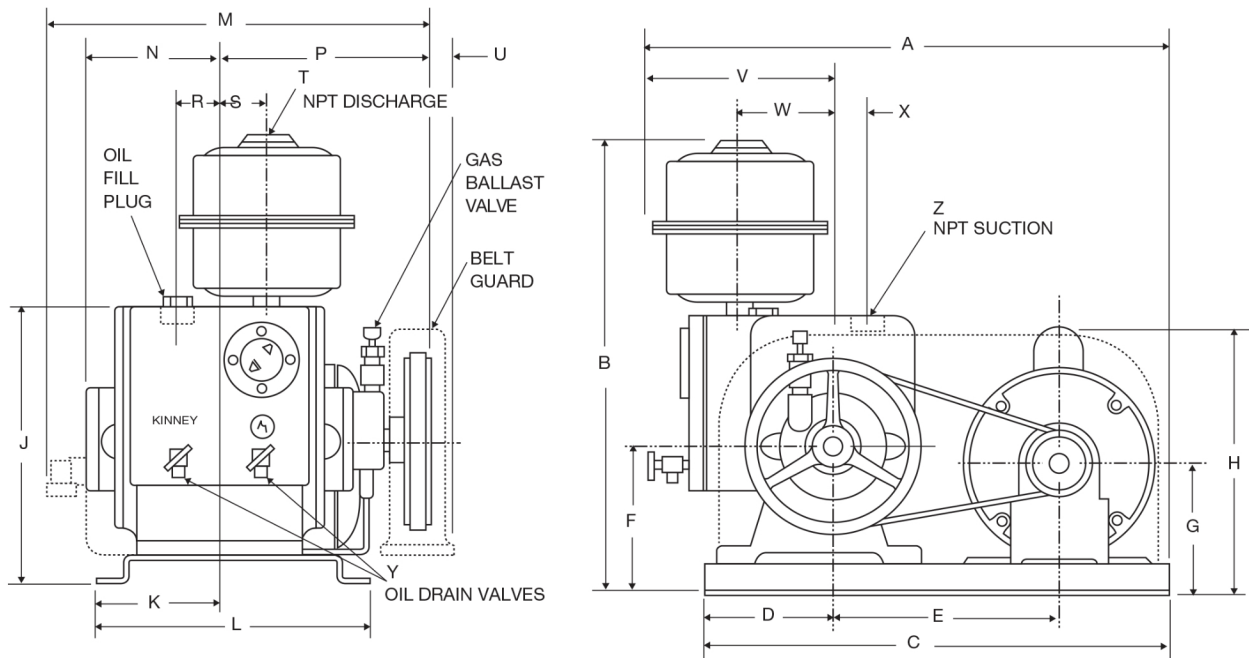
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Kinney KC 5, KC 8, KC 15

Technical Specifications

MODEL	NOMINAL DISPLACEMENT ACFM / m ³ /h	MOTOR HP / kW	RPM	OIL CAPACITY Quarts/Liters	MAX. GAS BALLAST FLOW %	GAS BALLAST PRESSURE Torr / mbar	ULTIMATE PRESSURE MICRONS / mbar	NOISE LEVEL AT 0.1 TORR (0.13 mbar) dB(A)
KC-5	5 / 8.5	0.33 / 0.25	638	0.8 / 0.76	15	0.02 / 0.027	0.2 / 0.00027	75
KC-8	8 / 13.6	1-Phase: 0.75 / 0.56 3-Phase: 0.5 / 0.37	1022	0.8 / 0.76	15	0.02 / 0.027	0.2 / 0.00027	78
KC-15	15 / 25.5	1 / 0.75	572	3.0 / 2.84	15	0.02 / 0.027	0.2 / 0.00027	75

Dimensions



in. mm	A	B	C	D	E	F	G	H	J	K	L
KC-5	18.00 457	17.88 454	16.50 419	4.57 116	8.00 203	5.06 129	4.50 114	(9.88) 251	9.69 246	4.38 111	9.75 248
KC-8	20.25 514	24.31 617	17.00 432	4.00 101	9.00 229	6.00 152	5.50 140	(10.00) 254	12.81 325	8.00 203	15.75 400

in. mm	M	N	P	R	S	T	U	V	W	X	Z	Weight lbs. / kg
KC-5	14.13 359	4.38 111	7.50 191	1.50 38	1.75 44	3/4" -	1.00 25	7.13 181	3.13 80	1.19 30	1.00 -	115 / 52
KC-8	17.94 456	7.25 184	10.69 272	3.00 76	3.50 89	1 1/2" -	0.56 14	7.25 184	3.75 95	- -	2.00 -	210 / 95



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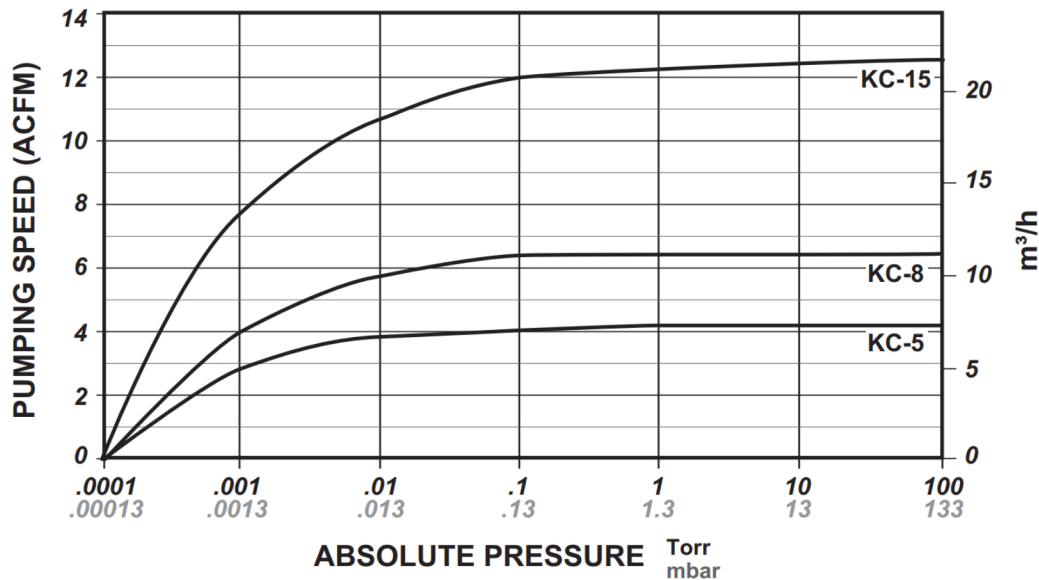
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Kinney KC 5, KC 8, KC 15 Pumping Curves



Features & Benefits

- excellent for applications where operating pressure is below 0.1 Torr
- achieves lowest possible pressures from mechanical pumps
- rugged & reliable design
- no metal-to-metal contact between pump piston & cylinder
- unequaled durability, even in dirty applications
- adjustable gas ballast permits handling of condensable vapors
- positive pressure lubrication assures operation at any pressure, up to atmospheric pressure
- air cooled

Applications

- evacuating refrigeration systems
- liquid gas storage
- brake filling systems
- low-pressure chemical vapor deposition (LPCVD)
- leak detection