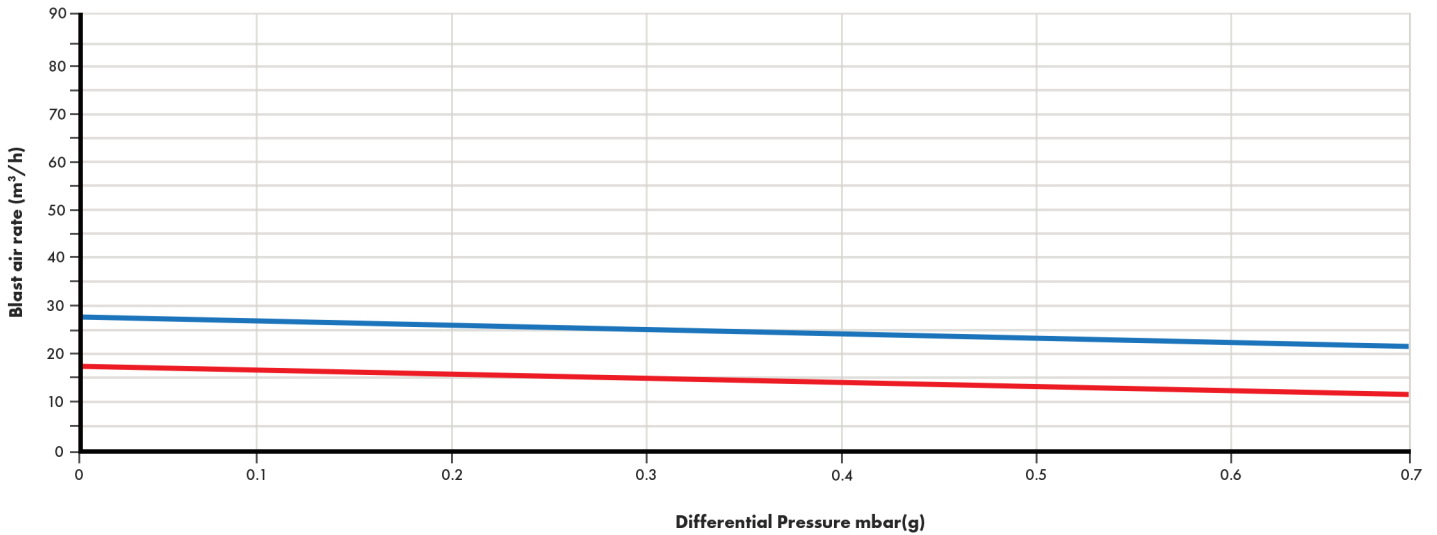


ROTARY VANE SINGLE PHASE SERIES DATASHEET



PERFORMANCE CURVE



CURVE NO.	ORDER NO.	FREQUENCY Hz	MOTOR kW	VOLTAGE V	MOTOR POLE	WEIGHT kg	AMBIENT TEMPERATURE °C	FREEFLOW m³/hr	MAXIMUM VACUUM (ABS)	MAXIMUM WORKING PRESSURE mbar
1	RV16 - 1PH	50	0.55	230	1	25	7- 40	16	150	400
		60	0.70	230	1	25	7- 40	19	150	400
2	RV25 - 1PH	50	0.75	230	1	33	7- 40	25	150	400
		60	0.90	230	1	33	7- 40	30	150	400



Performance curves are provided as a guide, based on air at an ambient temperature of 15°C at an atmospheric pressure of 1013 mbar with a tolerance of ± 10%. The maximum pressure differentials are valid for suction and ambient temperature up to 25°C. This machine can be used for either vacuum or pressure duty in continuous operation. For other conditions please discuss with us. Motors are IP55 with insulation class F and versions are UL/CSA approved.