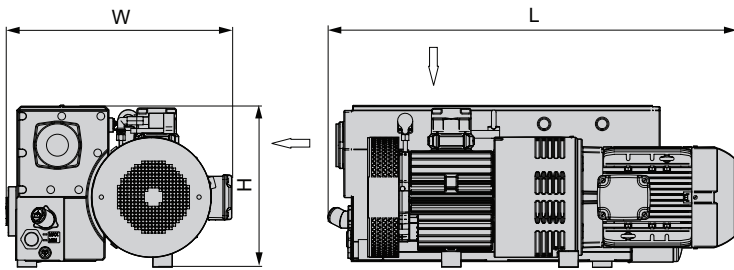


# Rotary Vane Vacuum Pumps

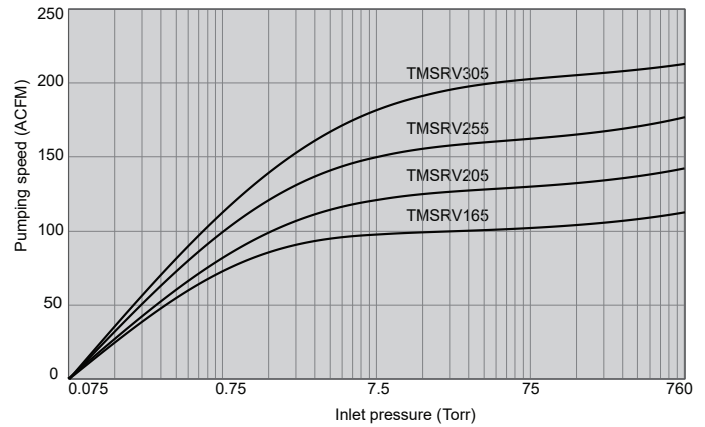
## TMSRV165–305

Dimensional Drawing



Pumping Speed

Air at 70 °F. Tolerance: ± 10%



Technical Data	UOM	TMSRV165	TMSRV205	TMSRV255	TMSRV305
Max. pumping speed	ACFM	112	141	177	212
Ultimate pressure	Torr	0.075*	0.075*	0.075*	0.075*
Nominal motor rating	HP	7.5	7.5	10	12
Power consumption at 75 Torr	HP	6.3	7	8.8	9.6
Power consumption at ultimate pressure	HP	3.9	5.4	6	6.8
Nominal motor speed	RPM	1800	1800	1800	1800
Sound level (ISO 2151)	dB(A)	72	74	74	76
Oil capacity	Qts.	7	7	7	7
Approximate weight	Lbs.	435	435	520	520
Dimensions (L x W x H)	inches	40 x 23¼ x 16½	40 x 23¼ x 16½	43 ⅞ x 23¼ x 16½	43⅞ x 23¼ x 16½
Gas inlet / outlet	NPT	2" / 2"	2" / 2"	2" / 2"	2" / 2"

All performance data is based on ambient conditions of 14.7 PSIA and 70 °F, and has a tolerance of ± 10%.  
 \*0.375 Torr with standard gas-ballast valve open.



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