

TMVF90 Series

SPECIFICATION

Max.Vacuum level	: -92Kpa(-690mmHg)
Supply Air pressure	: 4 - 6bar, Max. 6.5bar
Supply Air type	: Dry Compressed Air
Working temperature range	: -20°C to +80°C
Noise level	: 50-60dBA
Material	: AL, Teflon
Sealing Material	: Viton



Remark

Although being operated at 150°C, it can be deformed when being at long time of working hours.

CHARACTERISTIC

Model	Max.vacuum -Kpa(-mmHg)	Max.vacuum flow (L/min)	Air consumption (L/min)	Capacity equivalent to electricity motor pump size
TMVF90-10	92(690)	355	75 - 94	0.25 kw
TMVF90-20	92(690)	513	150 - 188	0.5 kw
TMVF90-30	92(690)	690	225 - 282	0.75 kw
TMVF90-40	92(690)	994	300 - 376	1 kw

DIMENSIONAL INFORMATION

Model	Size(mm)				
	L	W	T	H	B
TMVF90-10	194	80	43	166	159
TMVF90-20	194	80	43	166	159
TMVF90-30	194	80	43	166	159
TMVF90-40	194	80	64	187	159

Accessories

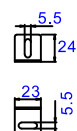
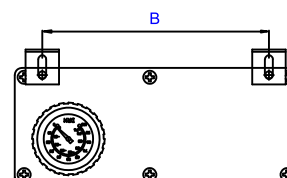
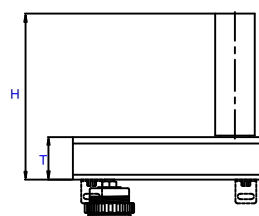
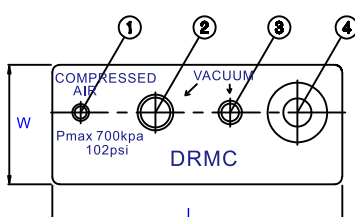
- Vacuum Gauge	1pcs
- Silencer	1pcs
- Bracket	2pcs
- Bolt	2pcs

① Compressed Air G1/4"

② Vacuum G3/4"

③ Vacuum G3/8"

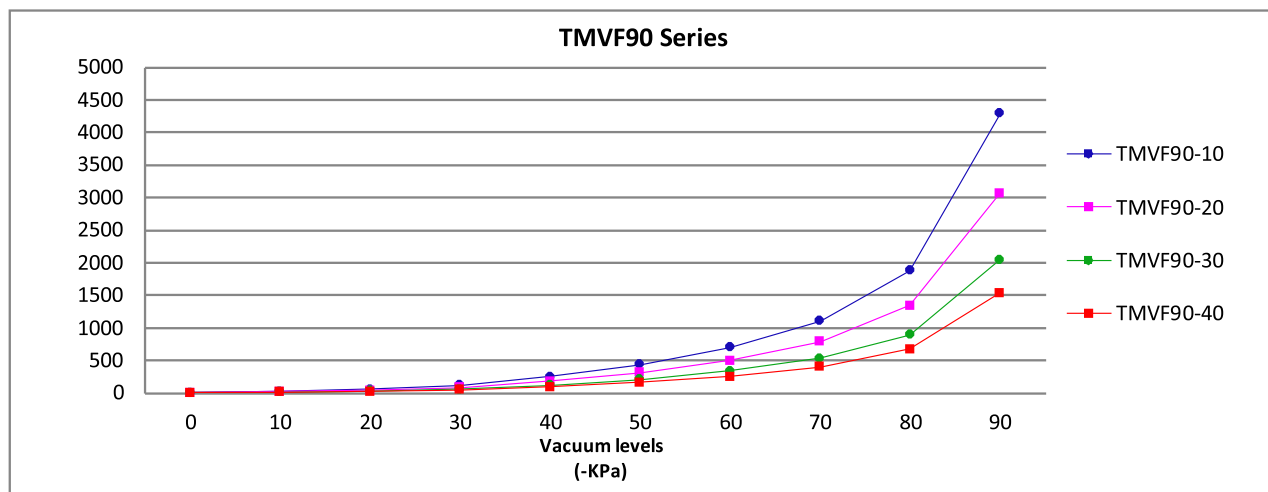
④ Exhaust G3/4"



TMVF90 Series flow

Time in seconds to evacuate to vacuum level (Sec/1000L)

Model	Vacuum level (-kPa)									
	0	10	20	30	40	50	60	70	80	90
TMVF90-10	0	19	50	110	246	430	690	1100	1870	4288
TMVF90-20	0	14	36	79	176	307	493	786	1336	3063
TMVF90-30	0	9	24	52	117	205	329	524	890	2042
TMVF90-40	0	7	18	39	88	154	246	393	668	1531



Vacuum flow at different Vacuum levels

Model	Vacuum level (-kPa)									
	0	10	20	30	40	50	60	70	80	90
TMVF90-10	355	205	133	65	46	36	24	14	6	0
TMVF90-20	513	287	186	91	64	50	34	20	8	0
TMVF90-30	690	431	279	137	97	76	50	29	13	0
TMVF90-40	994	574	372	182	129	101	67	39	17	0

