

ROUND Series

SMR VACUUM PUMPS



Feed pressure : 0.4 ~ 0.6 MPa
 Air consumption : 300 ~ 1260 Nℓ/m
 Max vacuum : -92 kPa
 Noise level : 65 ~ 70 dBA
 Material : PPS, AL
 Working temperature : -20 ~ 80 °C
 Weight : 633 ~ 1730 g

Order no.

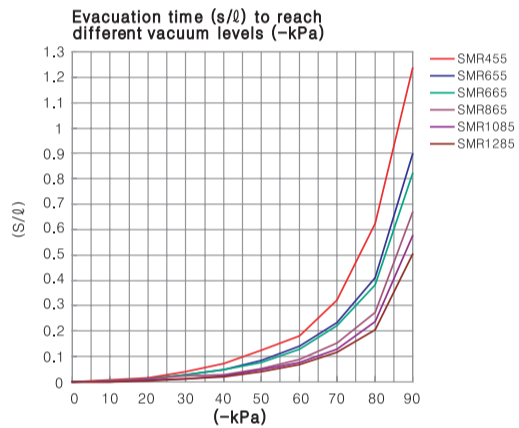
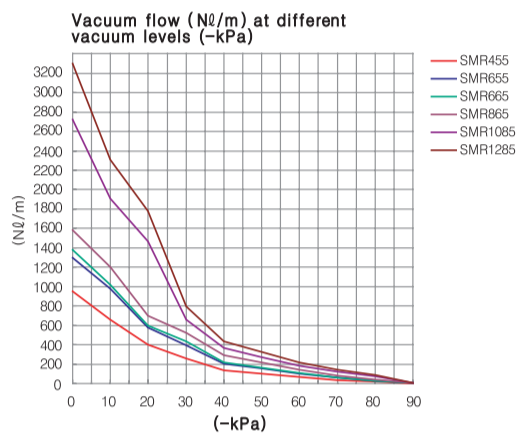
SMR ①

① MODEL

capacity equivalent to electricity motor pump size

- 455 : 950 Nℓ/m (1.0 KW)
- 655 : 1300 Nℓ/m (1.25 KW)
- 665 : 1380 Nℓ/m (1.3 KW)
- 865 : 1580 Nℓ/m (1.5 KW)
- 1085 : 2725 Nℓ/m (1.6 KW)
- 1285 : 3300 Nℓ/m (2.0 KW)

※ SEALING
 NBR (Standard)



Pump Characteristics

Model	Max. vacuum -kPa (-mmHg)	Max. vacuum flow (Nℓ/ m)	Air consumption (Nℓ/ m)	noise level (dBA)	weight (g)	min hose inner ø(within 2m)		
						air supply	vacuum	exhaust
SMR455	-92 (-690)	950	300 ~ 420	60 ~ 65	678	>8	>19	>22
SMR655		1300	450 ~ 630	60 ~ 70	679.7	>8	>19	>22
SMR665		1380	450 ~ 630	60 ~ 70	1046	>8	>19	>22
SMR865		1580	600 ~ 840	60 ~ 75	1050	>10	>25	>32
SMR1085		2725	800 ~ 1020	60 ~ 75	1724	>10	>32	>40
SMR1285		3300	900 ~ 1260	60 ~ 80	1730	>10	>32	>40

Induce air in liters per minute (Nℓ/ m)

Model	0 (-mmHg)	75	150	225	300	375	450	525	600	675
	0 (-kPa)	10	20	30	40	50	60	70	80	90
SMR455	950	656	400	260	133	100	66	37	19	3
SMR655	1300	975	575	391	203	153	103	58	29	4.6
SMR665	1380	1020	597	436	218	162	108	60	30	4.8
SMR865	1580	1200	701	521	290	216	144	80	40	6.4
SMR1085	2725	1908	1469	661	364	273	183	119	73	8.76
SMR1285	3300	2310	1781	793	435	324	216	140	85	9.6

Time in seconds to evacuate to vacuum level (sec /ℓ)

Model	75 (-mmHg)	150	225	300	375	450	525	600	675
	10 (-kPa)	20	30	40	50	60	70	80	90
SMR455	0.007	0.016	0.042	0.072	0.123	0.182	0.322	0.625	1.235
SMR655	0.005	0.014	0.030	0.050	0.085	0.141	0.232	0.410	0.897
SMR665	0.005	0.014	0.029	0.047	0.078	0.129	0.223	0.394	0.823
SMR865	0.004	0.012	0.026	0.027	0.054	0.090	0.153	0.274	0.67
SMR1085	0.002	0.007	0.014	0.026	0.048	0.078	0.127	0.237	0.574
SMR1285	0.002	0.006	0.012	0.022	0.041	0.068	0.115	0.206	0.503