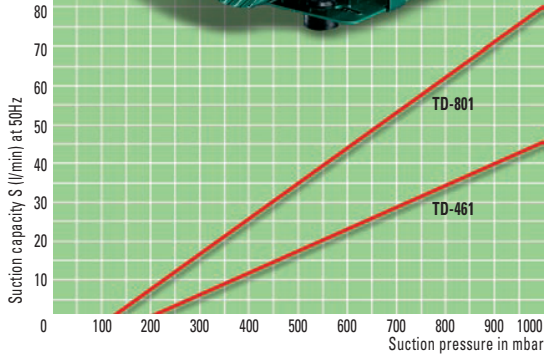


OIL-FREE ROTARY VANE VACUUM PUMPS TD SERIES 무급유진공펌프

1. Very low noise level
2. Maintenance free
3. Vibration free

TD-461
TD-801
TD-461T*
TD-801T*



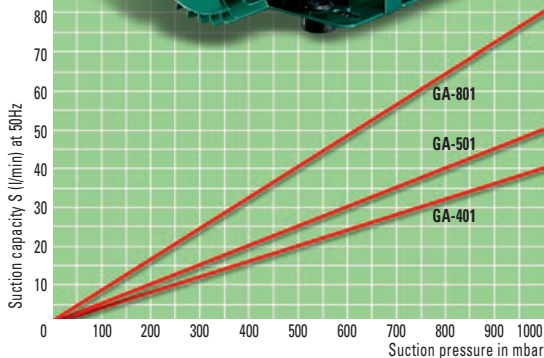
Type	Suction capacity at 0 bar S (l/min)	End pressure P_{abs} (mbar)	Noise level at PN dB (A)	Performance data of motor				Protection class IP	Dimensions L x W x H (mm)
				Motor input P1 (W)	Current consumption (A)	Voltage (V)	Frequency (Hz)		
TD-461	46	180	54	200	1,5	230	50/60	54	256 x 157 x 147
TD-801	80	130	60	310	1,8	230	50/60	54	256 x 157 x 147
TD-461 T*	46	180	54	200	1,5	230	50/60	54	256 x 150 x 228
TD-801 T*	80	130	60	310	1,8	230	50/60	54	256 x 150 x 228

*T = portable units being ready for installation.

LUBRICATED ROTARY VANE VACUUM PUMPS GA SERIES 오일진공펌프

1. Very low noise level
2. High end vacuum
3. Maintenance free
4. Compact

GA-401
GA-501
GA-801



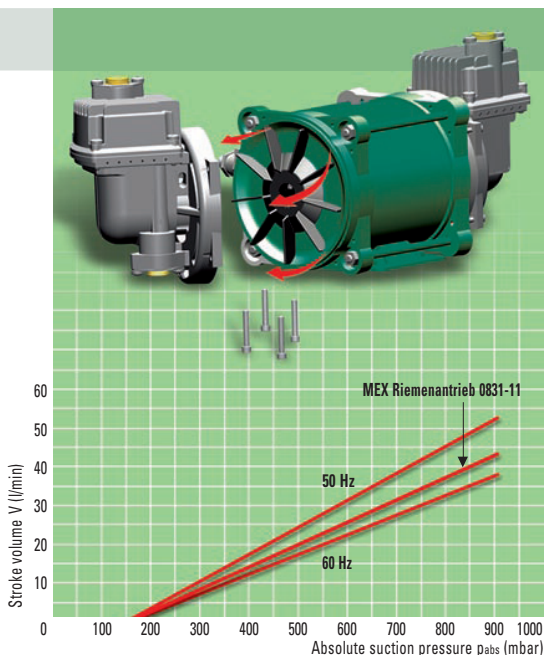
Type	Suction capacity at 0 bar S (l/min)	End pressure P_{abs} (mbar)	Noise level at PN dB (A)	Performance data of motor				Protection class IP	Dimensions L x W x H (mm)
				Motor input P1 (W)	Current consumption (A)	Voltage (V)	Frequency (Hz)		
GA-401/1188-11EB	40	5	43	148	0,76	230	50/60	54	272 x 135 x 185
GA-401/1188-12EB	40	5	43	175	2	110	50/60	54	270 x 135 x 145
GA-501/1245-04EB	50	3	51	295	1,6	230	50/60	54	272 x 135 x 185
GA-801/1225-04EB	80	3	51	295	1,6	230	50/60	54	272 x 135 x 185

Units available in portable construction ready for installation and use (TB-types).

VAPOUR RECOVERY PUMP TYPE MEX 방폭펌프

1. Detachable pump head
2. Condensate resistant
3. ATEX- and TÜV-certificates
4. Maintenance free

0544
0831-11



Type	Stroke volume* V	End pressure P_{abs} (l/m(m)bar)	Performance data of motor				Dimensions L x W x H (mm)
			Motor input P1 (W)	Current consumption (A)	Voltage (V)	Frequency (Hz)	
0544 1000 ¹⁾	53	~ 150	285-312	0,75	380-415	50	310 x 152 x 201
0544 1200 ¹⁾	53	~ 150	440-480	2,20	200-240	50	365 x 152 x 201
0544 1400 ¹⁾	38	~ 150	200-230	1,80	110-127	60	365 x 152 x 201
0544 1700	53	~ 150	285-312	0,75	380-415	50	310 x 152 x 201
0544 1800	38	~ 150	250	1,15	220	60	365 x 152 x 201
0544 2000 ¹⁾	53	~ 150	340-375	0,90	380-415	50	432 x 152 x 201
0544 2200 ¹⁾	53	~ 150	660-720	3,00	220-240	50	487 x 152 x 201
0544 2400 ¹⁾	38	~ 150	320-370	2,90	110-127	60	487 x 152 x 201
0544 2700	53	~ 150	340-375	0,90	380-415	50	432 x 152 x 201
0544 2800	38	~ 150	330	1,50	220	60	487 x 152 x 201
0831-11/600 ²⁾	44	~ 150	recommended motor performance 150 W, max. speed 2300 rpm				148 x 88 x 188

* V = Flow rate at counterpressure $p_e = 150$ mbar

Suction pressure $p_{abs} = 900$ mbar

¹⁾ Also available without start- and stop relay.

²⁾ Driven by a belt pulley

* 벨트타입, 에어모터타입등 다양하게 구성됨