

AC Motor Drive For Air Compressor RM6-9916 Series

Green Tech · Green Life



Features

1. PID control function for constant pressure.
2. Setting value and practical value can be displayed simultaneously on monitor.
3. With temperature management and fan control functions to increase lifetime of cooling fan and save energy.
4. User can monitor temperature of drive and set pre-alarm level to forecast maintenance cycle of cooling fan.
5. Allow RS-485 communication interface control (Modbus RTU communication protocol).
6. System fault protection includes OP, no Fb, OLO, etc.
7. 9 types monitor display of drive.
8. Above RM6-2050 or RM6-4075 series can replace fan directly. Reduce time of maintenance.
9. It is available to connect three independent monitor (DM-501) displaying status during operation.
10. 16 sets preset speed control.
11. Pressure switch (ON/OFF) control mode.

RM6-9916 Series



Species: Ischnura senegalensis

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Let's Drive for Nature

The white grown hair of the dandelion can be applied to the maximum of the wind force by its tender swing of its tiny feather; it seems not much different from the AC Drives, which enabling constant voltage and power source becomes variable, transferring frequency into power, and the result of the synergy capable of AC Drives to maximize its efficiency of energy consumption

Specifications

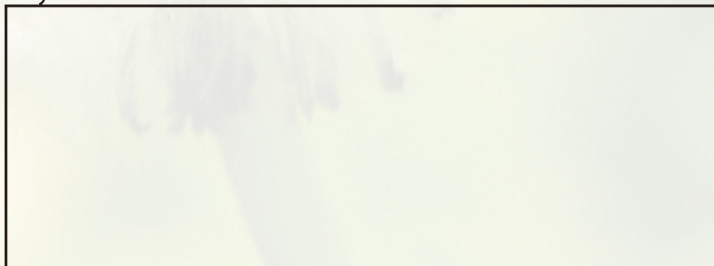
· Three-Phase 200V Series (3 ϕ)

Model name (RM6-□□□□-9916)	2001	2002	2003	2005	2007	2010	2015	2020	2025	2030	2040	2050	2060	2075	2100	2125	2150	2200	2250
Maximum Applicable Motor (HP/kW)	1/0.75	2/1.5	3/2.2	5/3.7	7.5/5.5	10/7.5	15/11	20/15	25/18.5	30/22	40/30	50/37	60/45	75/55	100/75	125/90	150/110	200/160	250/200
Rated Output Capability (kVA)	1.9	3	4.2	6.5	9.5	13	18	23	28	34	44	55	67	84	112	132	154	223	267
Rated Output Current (A)	5	8	11	17	25	33	46	60	74	90	115	145	175	220	295	346	405	585	700
Rated Output Voltage (V)	Three Phase 200~240V																		
Range of Output Frequency (Hz)	0.1~400.00Hz																		
Power Source (ϕ · V · Hz)	Three Phase 200~240V 50/60Hz																		
Input Current (A)	6	10	14	18	30	40	60	69	85	103	132	176	200	240	280	330	380	550	660
Permissible AC Power Source Fluctuation	176~264V 50/60Hz / $\pm 5\%$																		
Overload Protection	150% of drive rated output current for 1min.																		
Cooling Method	Nature Cooling	Fan Cooling																	
Protective Structure	IP20											IP00(IP20 OPTION)							
Weight / Mass (kg)	1.8	1.9	2	2.1	5.3	5.4	5.7	16	16	16	17	40	41	44	61	89	90	164	167

· Three-Phase 400V Series (3 ϕ)

Model name (RM6-□□□□-9916)	4001	4002	4003	4005	4007	4010	4015	4020	4025	4030	4040	4050	4060	4075	4100	4125	4150	4175	4200	4250	4300	4350	4420	4500	4600
Maximum Applicable Motor (HP/kW)	1/0.75	2/1.5	3/2.2	5/3.7	7.5/5.5	10/7.5	15/11	20/15	25/18.5	30/22	40/30	50/37	60/45	75/55	100/75	125/90	150/110	175/132	200/160	250/200	300/220	350/250	420/315	500/375	600/450
Rated Output Capability (kVA)	1.9	3	4.6	6.9	11	14	18	23	30	34	46	56	66	84	114	134	160	193	232	287	316	366	446	533	655
Rated Output Current (A)	2.5	4	6	9	14	18	24	30	39	45	61	73	87	110	150	176	210	253	304	377	415	480	585	700	860
Rated Output Voltage (V)	Three Phase 380~480V																								
Range of Output Frequency (Hz)	0.1~400.00Hz																								
Power Source (φ ・ V ・ Hz)	Three Phase 380~480V 50/60Hz																								
Input Current (A)	3.5	5	8	12	16	22	28	38	45	52	70	84	100	130	155	177	196	217	282	355	385	440	540	650	800
Permissible AC Power Source Fluctuation	332~528V 50/60Hz / ±5%																								
Overload Protection	150% of drive rated output current for 1min.																								
Cooling Method	Nature Cooling	Fan Cooling																							
Protective Structure	IP20												IP00 (IP20 OPTION)										IP00		
Weight / Mass (kg)	1.8	1.9	2	2	5.3	5.4	5.6	5.7	5.8	16	16	17	18	44	45	47	65	91	95	97	159	163	164	217	272

RhymeBus Partner



 **RhymeBus Corporation**

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