

120:1 SENSORLESS VECTOR SPEED RANGE
1000:1 CLOSED LOOP VECTOR

3) All Motors include 3 thermostats as standard for thermal protection.

2P5 - 1/2 hp
 1P0 - 1 hp
 1P5 - 1.5 hp
 2P0 - 2 hp
 3P0 - 3 hp
 5P0 - 5 hp

1971 - 1974 1 Phase
2071 - 2074 1 Phase
2075 - 2078 3 Phases
4079 - 4082 3 Phases

C-FACE FOOT MOUNTED MOTOR INFORMATION							DRIVE INFORMATION				
HP	Speed Ranges	Mount	RPM	Frame	End use	Model Number	nom Voltage	Phase	Model Number	Package Ordering Number	Package List Price
1/2 HP	1000:1	C-FACE W/FEET	1800	55C	TENV	P14A0004	200-240	3	6V21-4P2TA	PMP0P5-2V3RAC250C	\$2,299
						P14A0004	300-400	3	6V41-3P1TA	PMP0P5-4V3RAC140C	\$2,100
						P14A0004	200-240	3	6V21-4P2TA	PMP0P5-2V3RAC250C	\$3,145
						P14A0004	300-400	3	6V41-3P1TA	PMP0P5-4V3RAC250C	\$3,010
1-P	1000:1	C-FACE W/FEET	1800	143TC	TENV	P14A0000	200-240	3	6V21-3P8TA	PMP1P0-2V3RAC143C	\$2,344
						P14A0000	300-400	3	6V41-3P1TA	PMP1P0-4V3RAC143C	\$2,160
						P14A0000	200-240	3	6V21-3P8TA	PMP1P0-2V3RAC143C	\$3,265
						P14A0000	300-400	3	6V41-3P1TA	PMP1P0-4V3RAC143C	\$3,082
1.5 HP	1000:1	C-FACE W/FEET	1800	143TC	TENV	P14A0004	200-240	3	6V21-3P8TA	PMP1P5-2V3RAC143C	\$2,389
						P14A0004	300-400	3	6V41-3P8TA	PMP1P5-4V3RAC143C	\$2,181
						P14A0004	200-240	3	6V21-3P8TA	PMP1P5-2V3RAC143C	\$3,312
						P14A0004	300-400	3	6V41-3P8TA	PMP1P5-4V3RAC143C	\$3,134
2-P	1000:1	C-FACE W/FEET	1800	143TC	TENV	P14A0000	200-240	3	6V21-3P8TA	PMP2P0-2V3RAC143C	\$2,536
						P14A0000	300-400	3	6V41-3P8TA	PMP2P0-4V3RAC143C	\$2,350
						P14A0000	200-240	3	6V21-3P8TA	PMP2P0-2V3RAC143C	\$3,360
						P14A0000	300-400	3	6V41-3P8TA	PMP2P0-4V3RAC143C	\$3,152
3-P	1000:1	C-FACE W/FEET	1800	182TC	TENV	P18A0000	200-240	3	6V21-015TA	PMP3P0-2V3RAC182C	\$2,681
						P18A0000	300-400	3	6V41-3P0TA	PMP3P0-4V3RAC182C	\$2,493
						P18A0000	200-240	3	6V21-015TA	PMP3P0-2V3RAC182C	\$3,577
						P18A0000	300-400	3	6V41-3P0TA	PMP3P0-4V3RAC182C	\$3,394
5-P	1000:1	C-FACE W/FEET	1800	184TC	TEFC	P18A0004	200-240	3	6V21-022TA	PMP3P0-2V3RAC184C	\$3,103
				184TC	TEFC	P18A0004	300-400	3	6V41-011TA	PMP3P0-4V3RAC184C	\$3,057
				RL2153C	TENV	P21P0073	200-240	3	6V21-022TA	PMP3P0-2V3RAC210C	\$5,710
				RL2153C	TENV	P21P0073	300-400	3	6V41-011TA	PMP3P0-4V3RAC210C	\$5,674
7.5 HP	1000:1	C-FACE W/FEET	1800	213TC	TEFC	P21G1167	200-240	3	6V21-025TA	PMP7P5-2V3V8W213C	\$3,682
				213TC	TEFC	P21G1167	300-400	3	6V41-014TA	PMP7P5-4V3V8W213C	\$3,731
				RL2153C	TENV	P21P0075	200-240	3	6V21-025TA	PMP7P5-2V3RAC210C	\$8,310
				RL2153C	TENV	P21P0075	300-400	3	6V41-014TA	PMP7P5-4V3RAC210C	\$8,140
10 HP	1000:1	C-FACE W/FEET	1800	L215TC	TEFC	P21G1164	200-240	3	6V21-042TA	PMP010-2V3RAC215C	\$4,597
				L215TC	TEFC	P21G1164	300-400	3	6V41-022TA	PMP010-4V3RAC215C	\$4,477
				RL2162C	TENV	P21P0077	200-240	3	6V21-042TA	PMP010-2V3RAC210C	\$8,590
				RL2162C	TENV	P21P0077	300-400	3	6V41-022TA	PMP010-4V3RAC210C	\$8,460

Many additional options and accessories are available for the Reliance Electric GV6000 AC Drive & AC Motors

SEE DOCUMENT: RAPS-1135, 2005 Industrial Motors & Drives Catalog





POWER MATCHED - PERFORMANCE

GV6000 SERIES VHZ or SENSORLESS or CLOSED LOOP VECTOR AC DRIVE AND RELIANCE ELECTRIC MOTORS

120:1 SENSORLESS VECTOR SPEED RANGE
1000:1 CLOSED LOOP VECTOR

**Rockwell
Automation**



Reasons to use a Reliance Electric AC Motor with a Reliance Electric Drive

- Readily Available from stock. Packaged Motors and Drives provide more for the money
- Pre-selected motor and drive packages = Easy start up
- Single source manufacturer = Single point of contact for warranty and service
- High efficiency Reliance Electric motors are matched to the drive requirements and speed range
- Motors are built with a 1600 volt insulation to withstand the effects of rapid dv/dt and the reflected wave phenomenon associated with IGBT's
- Extensive sales and product specialist field support

C-FACE & FOOT MOUNTED MOTOR INFORMATION							DRIVE INFORMATION					
HP	Speed Ranges	Mount	FR3	Temp	Enclosure	Model Number	Insul. Voltage	Phase	Model Number	Package Ordering Number	Package List Price	
15 HP	1000:1	C-FACE W/FEET	1800	254°C	TEFC	P25G1193	200-240	3	6V21-C52TA	PMP015-2V3VSM054C	\$5,758	
				380-460		6V41-C52TA	PMP015-4V3VSM054C		\$8,532			
				200-240		6V21-C52TA	PMP015-2V3VSM05210C		\$7,572			
				380-460		6V41-C52TA	PMP015-4V3VSM05210C		\$7,521			
20 HP	1000:1	C-FACE W/FEET	1800	255°C	TEFC	P25G1151	380-460	3	6V41-C34TA	PMP020-4V3VSM055C	\$5,231	
				RL2155C		P21-F289				PMP020-4V3VSM05210C	\$5,236	
25 HP	1000:1	C-FACE W/FEET	1800	256°C	TEFC	P25G1083	380-460	3	6V41-C40TA	PMP025-4V3VSM054C	\$7,676	
				RL2162C		P21-F289				PMP025-4V3VSM05210C	\$5,474	
30 HP	1000:1	C-FACE W/FEET	1800	256°C	TEFC	P25G1275	380-460	3	6V41-C52TA	PMP030-4V3VSM055C	\$8,631	
				380-460		P25G3207				PMP030-4V3VSM055F	\$8,737	
		FOOT		TEFC	TEFC	P25F382				PMP030-4V3VSM05210C	\$10,648	
						P25F382						
40 HP	1000:1	FOOT	1800	324T	TEFC	P25G3207	380-460	3	6V41-C55TA	PMP040-4V3VSM0524T	\$11,388	
				RL2162		DPFV				P21-F271	PMP040-4V3VSM05210F	\$11,212
				RL2173	TEFC	P21-F251				PMP040-4V3VSM05210F	\$12,329	
50 HP	1000:1	FOOT	1800	326T	TEFC	P25G3205	380-460	3	6V41-C77TA	PMP050-4V3VSM052T	\$13,365	
				RL2168		DPFV				P21-F254	PMP050-4V3VSM05210F	\$12,904
				RL2578	TEFC	P25F382				PMP050-4V3VSM05210F	\$14,539	
60 HP	1000:1	FOOT	1800	324T	TEFC	P25G3207	380-460	3	6V41-268NA	PMP060-4V3VSM0524T	\$15,012	
				RL2168		DPFV				P21-F247	PMP060-4V3VSM05210F	\$14,105
				RL2585	TEFC	P25F382				PMP060-4V3VSM05210F	\$16,449	
75 HP	1000:1	FOOT	1800	326T	TEFC	P25G3205	380-460	3	6V41-155NA	PMP075-4V3VSM0565T	\$18,362	
				RL2575		DPFV				P25F382	PMP075-4V3VSM05210F	\$17,117
				RL2620	TEFC	P25F382				PMP075-4V3VSM05210F	\$21,165	
100 HP	1000:1	FOOT	1800	405T	TEFC	P25G3207	380-460	3	6V41-155NA	PMP100-4V3VSM0405T	\$21,572	
				P25F382		DPFV				P25F382	PMP100-4V3VSM05210F	\$19,587
				RL2620	TEFC	P25F382				PMP100-4V3VSM05210F	\$23,595	
125 HP	1000:1	FOOT	1800	444T	TEFC	P25G3207	380-460	3	6V41-180NA	PMP125-4V3VSM0444T	\$25,141	
				RL2585		DPFV				P25F382	PMP125-4V3VSM05210F	\$23,128
				LS203	TEFC	P25F382				PMP125-4V3VSM05210F	\$28,593	
150 HP	1000:1	FOOT	1800	447T	TEFC	P25G3205	380-460	3	6V41-258NA	PMP150-4V3VSM0447T	\$32,385	
				LS202		DPFV				P25F382	PMP150-4V3VSM05210F	\$29,292
				LS213	TEFC	P25F382				PMP150-4V3VSM05210F	\$35,951	

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