

PRODUCT INFORMATION PACKET



Model No: 5KCR49PN0099X

Catalog No: E275

General Purpose Motor, 3/4 HP, 1 Ph, 60/50 Hz, 100-120/200-240 V, 56C Frame, TEFC

Operational at 100-120/200-240 V @60HZ



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Nameplate Specifications

Phase	1	Output HP	3/4 Hp
Output KW	0.56 kW	Voltage	100-120/200-240 V
Speed	1725/1425 rpm	Service Factor	1.25
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	9.0-8.8/4.5-4.4 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	M
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise/Clockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56C	Shaft Diameter	0.625 in
Outline Drawing	52A107739P2	Connection Drawing	52A105383BA

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THIRD ANGLE PROJECTION		REVISIONS																																											
REV	SHEET	REV.	DESCRIPTION	DATE	APPROVED																																								
7	1	7	UPDATED FORMAT	01/05/06	MAM																																								
CCW/CW ROTATION - DUAL VOLTAGE TYPE KC , KH OR KCR - WITH THERMAL PROTECTOR CAPACITOR AS SHOWN FOR KC MOTORS ONLY. LEAD T5 BLACK CONNECTED DIRECTLY TO TERMINAL BOARD FOR KH MOTORS. START EX START (WHEN SPEC.) RUN CAP. (WHEN SPEC.) T5 OR BLACK J9 OR BLACK J11 OR BROWN J12 OR PURPLE T4 OR YELLOW T2 OR WHITE T3 OR ORANGE T8 OR RED T1 OR BLUE THERMAL PROTECTOR P2 OR BROWN J10 OR BLACK GROUND (WHEN REQ'D) LO VOLTAGE LINE P1 OR PURPLE CAPACITOR AS SHOWN FOR KC MOTORS ONLY. LEAD T5 BLACK CONNECTED DIRECTLY TO TERMINAL BOARD FOR KH MOTORS. START EX START (WHEN SPEC.) RUN CAP. (WHEN SPEC.) T5 OR BLACK J9 OR BLACK J11 OR BROWN J12 OR PURPLE T4 OR YELLOW T2 OR WHITE T3 OR ORANGE T8 OR RED T1 OR BLUE THERMAL PROTECTOR P2 OR BROWN J10 OR BLACK GROUND (WHEN REQ'D) HI VOLTAGE LINE P1 OR PURPLE NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS. NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL. NOTE#3 - 115D958ABP5 - HIGH CURRENT CONTACTS. SWITCH (C) - 115D958ABP5, SWITCH (H) - 115D958AA (USE 115D958DA FOR EP) REF. DIAG. - 113A327, 119A9352 & 52A102102 CONNECTION LABEL - 52X332912 <table border="1"><thead><tr><th colspan="2">SIGNATURES</th><th>DATE</th></tr></thead><tbody><tr><td>MODEL</td><td>M.D.P.</td><td>06/29/87</td></tr><tr><td>DETAIL</td><td>.</td><td>.</td></tr><tr><td>CHECKED</td><td>.</td><td>.</td></tr><tr><td>ENGRG</td><td>.</td><td>.</td></tr><tr><td>MFG</td><td>.</td><td>.</td></tr><tr><td>QUALITY</td><td>.</td><td>.</td></tr><tr><td>ISSUED</td><td>M.D.P.</td><td>12/11/97</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="2">TITLE</th></tr></thead><tbody><tr><td colspan="2">CONNECTION DIAGRAM</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="2">FMF: 30 FRAME SWITCH REDESIGN</th></tr></thead><tbody><tr><td>SIZE</td><td>DRAWING</td></tr><tr><td>A</td><td>52A105383BA</td></tr><tr><td>SCALE: 1.000</td><td>REF. No: .</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="2">SHEET 1 of 1</th></tr></thead><tbody><tr><td colspan="2">REV 7</td></tr></tbody></table>						SIGNATURES		DATE	MODEL	M.D.P.	06/29/87	DETAIL	.	.	CHECKED	.	.	ENGRG	.	.	MFG	.	.	QUALITY	.	.	ISSUED	M.D.P.	12/11/97	TITLE		CONNECTION DIAGRAM		FMF: 30 FRAME SWITCH REDESIGN		SIZE	DRAWING	A	52A105383BA	SCALE: 1.000	REF. No: .	SHEET 1 of 1		REV 7	
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