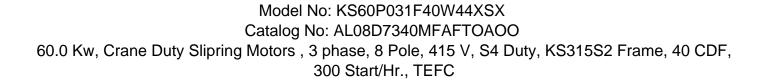
PRODUCT INFORMATION PACKET





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Product Information Packet: Model No: KS60P031F40W44XSX, Catalog No:AL08D7340MFAFTOAOO 60.0 Kw, Crane Duty Slipring Motors, 3 phase, 8 Pole, 415 V, S4 Duty, KS315S2 Frame, 40 CDF, 300 Start/Hr., TEFC

marathon®

Nameplate Specifications

Output HP	80 Hp	Output KW	60.0 kW
Frequency	50 Hz	Voltage	415 V
Current	125.0 A	Speed	738 rpm
Phase	3	Duty	S4
Frame	KS315S2	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	45 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6319
UL	No	CSA	No
CE	No	IP Code	55
CDF	40 %	Start/Hr	300
RA	118 A	RV	310 V
Insulation class Stator/Rotor	F/F	Temp. Rise Stator/Rotor	75/75 K
Stator Connection	Delta	Rotor Connection	Star
Efficiency Class	Standard		

Technical Specifications

Electrical Type	Slipring	Starting Method	Rotor resistance starter
Rotation	Bi-Directional	Mounting	IMB3
Motor Orientation	Horizontal	Drive End Bearing	Antifriction
Opp Drive End Bearing	Antifriction	Frame Material	Cast Iron/Fabricated
Shaft Type	Single Cylinder	Overall Length	1425.00 mm
Frame Length	1425.00 mm	Shaft Diameter	80.000 mm
Shaft Extension	170 mm	Assembly/Box Mounting	Тор
Rotor GD2	22 kg⋅m²	Pull Out Torque	4
Outline Drawing	cm5906	Connection Drawing	DP3198

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					NOTE: 1.0 ALL DIMENSIONS ARE IN mm EXCEPT OTHERWISE SPECIFIED. 2.0 FOR TOLERANCES OF DEMENSIONS(NOT MENTIONED) REFER TO IS:2102.		narati al Beloit Co	-tric	Paha		Taratala Road. NDIA	
					3.0 DIMENSIONS MARKED * ARE MAXIMUM VALUES.				ENSIC	ON DRAWIN	NG FOR KS280S	<u>& M</u>
						TITLE	KS315S	& M M	OTOR	(CYLINDR	ICAL & TAPER SH	<u> HAFT</u>)
02	28.11.11	IN THE FIGURE 'L1' AND 'LC1' DIM. INCORPORATED				DRAWN	S.B	18	3.12.07	PROJECTION	DRAWING NO.	
	06.06.11	EARTHING TERMINAL INCORPORATED					KAUSIK					
REVISION	DATE	DETAIL OF REVISION	DONE BY	APPRVD		4 of		SIGN	DATE	N.T.S	CM5906	02



	Model No.	KS60P031F40W44XSX	
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Part No. AL08D73

AL08D7340MFAFTOAOO

Р	Р	n	ΡΟΤ	Т	U	f	Ι	RA	RV	CDF	Duty	No. of Starts/Hr.	Frame	
[kW]	[hp]	[RPM]	XFLT	[Nm]	(∨)	[Hz]	[A]			%			Fidilie	
60	80	738	4	3114	415	50	125	118	310	40	S4	300	KS315S2	

Motor type	Slipring		Degree of protection	IP-55	
Enclosure	TEFC		Motor weight - approx.	1385	kg
Frame Material	-	(Gross wight- approx.		kg
Mounting type	IMB3		Motor GD2	22	kgm ²
Cooling method	IC411	Ņ	Vibration level	As per IS:12075	mm/s
Voltage variation	+/-10%		Noise level (1meter distance from motor)	As per IS:12065	dB(A)
Frequency variation	+/-5%	9	Starting method	Rotor resistance starter	
Combined variation	10%		Coupling	Direct / Gearbox	
Insulation class	F/F	1	Direction of rotation	Bi-directional	
Ambient temperature	45		Paint shade	RAL5011	
Temperature rise (by resistance)	75/75	-	Type of Terminal Box	Standard	
Altitude above sea level	Upto 1000	-	Terminal box position	Тор	
Efficiency			Max. Cable size	Refer to TBA drg.	
Power Factor			Bearing type	Antifriction	
Stator Connection	Delta		DE Bearing	6319	
Rotor Connection	Star	ſ	NDE Bearing	6319	
		-	Type of Lubrication	Grease	

NOTE

All performance values at rated voltage and frequency.

All performance parameters are subjected to standard tolerance as per IEC 60034-1

Technical data are subject to change. There may be discrepancies between calculated and name plate values.

REGAL