



NEMA Motor Data

MLFB-Ordering data : **1MB2121-2BB11-4AG3**

Client order no. :
 Order no. :
 Offer no. :
 Remarks :

Item no. :
 Consignment no. :
 Project :

Nameplate Data	Mounting and motor protection
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Type	XP100 CI, Groups C&D, CII, Groups F&G, Div 1		
HP	15.0	Rating	Cont.
Voltage	(14) 208-230/460V STD	Ins. Class	Insulation class F
Amps	38.0 / 19.0 A	S.F.	1.15
FL RPM	1770	Amb. Temp.	40 deg C
FL Efficiency	92.4 %	Temp. Rise	Class B
FRAME	254T	kVA Code	G
DE AFBMA	45BC03JPP30	NEMA Des	B
ODE AFBMA	45BC03JPP30	Mtr WT	315
60 Hertz	3 Ph TEFC	IP	65

Type of construction	(A) Foot mounted - End shield
Motor protection	(G) Thermostats, Klixon type, normally
Terminal box design	(3) Mounting - F-1

Bearing Data		
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	DE	ODE
Bearing Size	6309 ZZ C3 S0	6309 ZZ C3 S0
Bearing Type	Ball Bearing	Ball Bearing
AFBMA	45BC03JPP30	45BC03JPP30

Typical Performance Data					
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Load	No Load	1/2	3/4	Full Load	LRC
Efficiency		92.3 %	92.8 %	92.4 %	
Power Factor		64.5	74.7	80.0	
Current (A)	11.8 A	11.8 A	15.2 A	38.0 / 19.0	116.0 A
Inverter Duty	VT	20:1	CT	4:1	

Mechanical Data				
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SAFE STALL TIME	HOT (s)	21	COLD (s)	33
Rtr wt (lbs)	69.9	Rtr WK2	1.6800	
FLT (ft-lbs)	44.0	LRT	81.0	BDT 103.0
Ext Load Inertia (WK2) Capability	75.0			

Typical Noise Data										
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A-weighted Sound	Octave Band Center Frequencies Hertz (Hz)									
Pressure Level	63	125	250	500	1000	2000	4000	8000	SPL	72
at 3 feet		49	60	67	68	66	63	50	SPwrL	83

Wiring Connection Information					
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Description	3 PHASE - 9 LEAD - WYE				
Voltage	L1	L2	L3	Connected together	
LOW	T1 T7	T2 T8	T3 T9	T4 T5 T6 YY	
HIGH	T1	T2	T3	T4 T7-T5 T8-T6 T9 Y	

Special design :

Lubrication Information	
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Manufacturer	Mobil Polyrex EM or equal
Type	Polyurea (standard)
DE Capacity (oz.)	0.50
ODEnd Capacity (oz.)	0.50

Relubricate bearings every six months (more frequent if conditions require). See Instruction Manual.