



## NEMA Motor Data

MLFB-Ordering data : 1LE2221-2AB11-4AA3

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

Item no. :  
Consignment no. :  
Project :

Nameplate Data	Mounting and motor protection
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Type: GP100 - NEMA Premium Efficiency

HP	7.5	Rating	Cont.
Voltage	(14) 230/460V, 60Hz (Suitable for 208V)	Ins. Class	Class F (Standard)
Amps	19.4 / 9.7 A	S.F.	1.15
FL RPM	1765	Amb. Temp.	+40C TO -20C
FL Efficiency	91.7 %	Temp. Rise	Class B
FRAME	213T	kVA Code	H
DE AFBMA	40BC02JPP30	NEMA Des	B
ODE AFBMA	40BC02JPP30	Mtr WT	165
60 Hertz	3 Ph TEFC	IP	55

Type of construction (A) Foot mounted - End shield  
Motor protection (A) Without Protection  
Terminal box design (3) F-1, Standard Floor Mount, T. Box

Bearing Data		
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	DE	ODE
Bearing Size	6208 ZZ C3 S0	6208 ZZ C3 S0
Bearing Type	Ball Bearing	Ball Bearing
AFBMA	40BC02JPP30	40BC02JPP30

Typical Performance Data					
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Load	No Load	1/2	3/4	Full Load	LRC
Efficiency		90.7 %	91.7 %	91.7 %	
Power Factor		60.5	72.3	78.9	
Current (A)	5.0 A	6.4 A	7.9 A	19.4 / 9.7 A	63.0 A
Inverter Duty	VT	20:1	CT	4:1	

Mechanical Data				
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SAFE STALL TIME	HOT (s)	25	COLD (s)	42	
Rtr wt (lbs)	42.13	Rtr WK2	0.80		
FLT (lb-ft)	22.0	LRT (%)	273	BDT (%)	455
Ext Load Inertia (WK2) Capability	39.0 lb-ft <sup>2</sup>				
Brake:	without				

Typical Noise Data										
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A-weighted Sound	Octave Band Center Frequencies Hertz (Hz)									
Pressure Level	125	250	500	1000	2000	4000	8000	SPL	57	
at 3 feet	0	37	44	54	53	44	35	SPwrL	69	

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	
HIGH	T1	T2	T3	T4 T7-T5 T8-T6 T9	
				YY	
				Y	

Special design :
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Lubrication Information	
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Manufacturer	Mobil Polyrex EM or equal
Type	Polyurea (standard)
DE Capacity (oz.)	0.30
ODEnd Capacity (oz.)	0.30