

NEMA Motor Data



Ordering data : 1LE2121-2BB21-4AA3

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

Item no. :
Consignment no. :
Project :

Nameplate Data				Mounting and motor protection			
----------------	--	--	--	-------------------------------	--	--	--

Type	GP100A - NEMA Premium Efficiency		
HP	20.0	Rating	Cont.
Voltage	14: 208-230/460V, 60Hz	Ins. Class	Class F (Standard)
Amps	25.0 / 50.0	S.F.	1.15
FL RPM	1770	Amb. Temp.	40 deg C
FL Efficiency	93.0 %	Temp. Rise	Class B
FRAME	256T	kVA Code	H
DE AFBMA	45BC02JPP3	NEMA Des	B
ODE AFBMA	45BC02JPP3	Mtr WT	267.00
Hertz	60	Ph	3

Typical Performance Data						
Load	No Load	1/2	3/4	Full Load	LRC	
Efficiency		93.1 %	93.4 %	93.0 %		
Power Factor		65.3	75.9	80.5		
Current (A)	10.5 A	12.5 A	18.8 A	25.0 A	145.0 A	
Inverter Duty	VT	20:1	CT	4:1		

Mechanical Data					
-----------------	--	--	--	--	--

SAFE STALL TIME	HOT (s)	15	COLD (s)	33	
Rtr wt (lbs)	81.40	Rtr WK2	2.06		
FLT (lb-ft)	60.000	LRT	111.000	BDT	144.000
Ext Load Inertia (WK2) Capability	270.0 lb-ft²				

Typical Noise Data									
--------------------	--	--	--	--	--	--	--	--	--

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

Wiring Connection Information				
-------------------------------	--	--	--	--

Special design :				
------------------	--	--	--	--

Description				
Voltage	L1	L2	L3	Connected together
----	----	----	----	----
HIGH	T1	T2	T3	----

Lubrication Information				
-------------------------	--	--	--	--

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