

No. of Phases		3	Reference	Performance	IS:325	
Frame Designation		225SX FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	37.00	Protection IS:4691		IP 55	
	HP	50.00	Vibration Standard		IS:12075	
No. of Poles		4	Noise Standard		IS:12065	
Rated Voltage		V 415	Duty		S1	
Rated Frequency		Hz 50	Insulation Class		F	
Rated Current		A 64.0	Cooling IS:6362		IC411	
Rated Speed		rpm 1470	Terminal Box Details	Terminal Size		M8
Rated Torque		kgm 24.52		No. of Terminal		6
				Max. cable size mm <sup>2</sup>		2x3Cx70
Efficiency	Full load	%	92.5	DE		6313
	3/4 load	%	92.5	NDE		6313
	1/2 load	%	91.5			
Power factor	Full load		0.87	Lubrication		Mobil / Unirex N3
	3/4 load		0.85	Life L10 (Direct coupled) hrs.		50,000
	1/2 load		0.79	Regreasing Time hrs.		8,000
Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M16	
Acceleration Time		sec. -	Motor Weight (approx)		kg 411	
Stator Connection		D	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 1.2224	
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50	
I <sub>st</sub> / I <sub>r</sub>		%	6.0	Overall Dimensions of Packed motor (LxBxH) (mm)		
T <sub>st</sub> / T <sub>r</sub>		%	2.2			
T <sub>po</sub> / T <sub>r</sub>		%	2.5			
Locked rotor withstand time	Hot	sec	12	Voltage Variation ± %		10
	Cold	sec	28	Frequency Variation ± %		5
				Combiend Variation ± %		10

Remarks: (1) Efficiency class : EFF2  
(2) Motor construction: TEFC

Data subject to tolerance as per IS:12615.

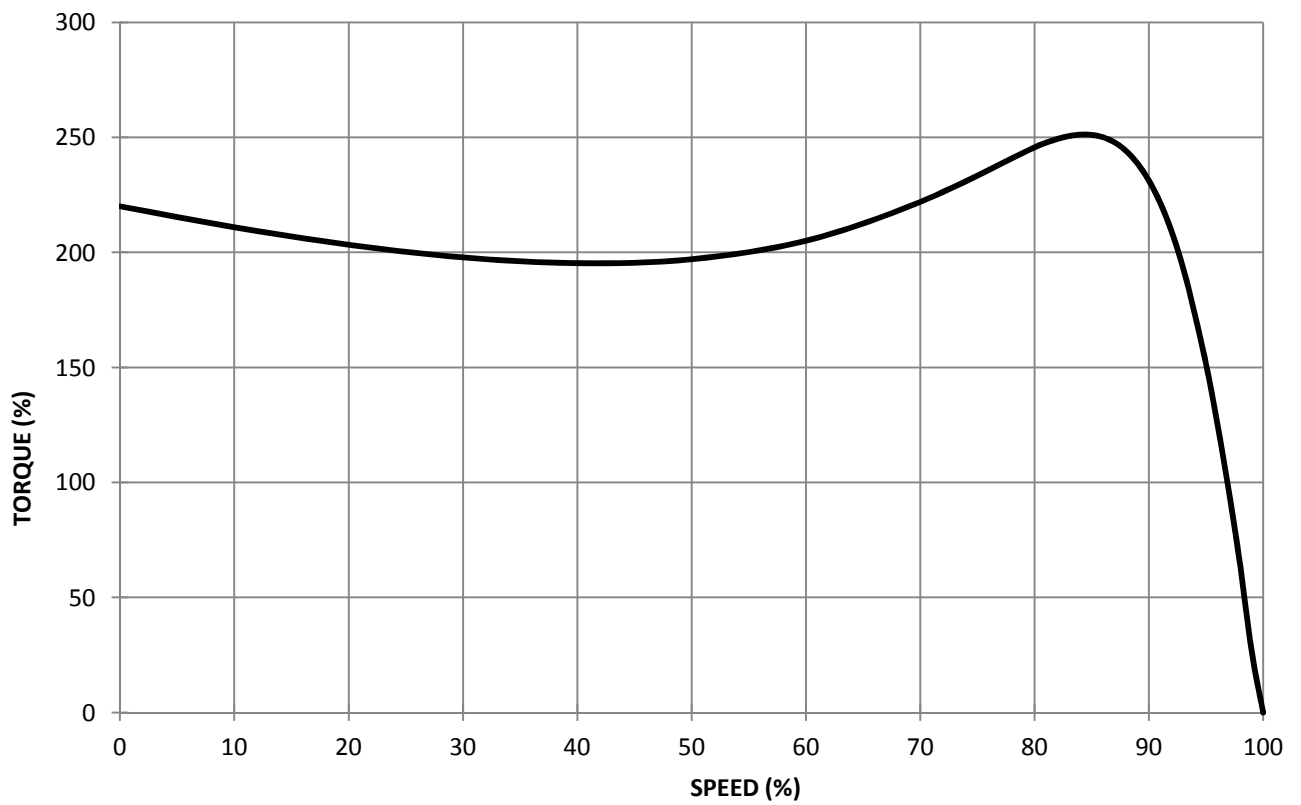
Prep.: ENGG

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

