

TX serie



Motor catalog TX - Erp
HB 132MC 4 230.400-50 B5R

Configured motor

Designation

HB 132MC 4 230.400-50 B5R

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Pn 11 kW (15 hp)

Motor specifications

- 2 voltage values stated on nameplate:
230.400 @50Hz
265.460 @60Hz

Motor mounting position (IM) B5R

Electric motor technical data TX catalog

Type	HB 132 MC 4	
Size	132	
Poles	4	
Coupling dimensions Ø D x E - Ø P	Ø28 x 60 Ø250	
Power supply	[V - Hz] - 50	
Nominal input power P_{N1}	[hp]	15
Nominal speed n_N	[min ⁻¹]	1 450
Motor mass	[lb]	146
Directive		
Efficiency class	S1 η IE1	
Power factor cosφ	0.78	
Moment of inertia J_0	[lb ft ²]	0 147.79268
Overtemperature class	F	
Insulation class	F	
Protection	IP 55	
Type of duty	S3 70%	
Synchronous speed	[min ⁻¹]	1 500

Efficiency

100 %	87.80
75 %	88.20
50 %	87.00

Nominal data

Nominal torque M_N	[Lb-in] 637.25
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Nominal starting torque M_s / M_n	3.50
Maximum torque M_{MAX} / M_n	3.80
Starting current ratio i_s / i_n	7.30
Rated current I_n @230 [V]	[A] 39.80
Rated current I_n @400 [V]	[A] 23.00

Construction features

Housing	Material	Light alloy
End-shield N-D-E		Light alloy
Fan cover		Galvanized plate
Cooling fan		Plastic
Terminal box cover		Light alloy
Bearing D-E	Lubricated for life assuming pollution free surrounding	6308 2Z
Bearing N-D-E		6308 2Z
DE seal ring	NBR material type "A"	40 x 60 x 10
N-DE seal ring	NBR material type "A"	40 x 60 x 10
6-pin terminal block	Pin size	M6
Cable entry	Predetermined fracture	2 x M16 + 2 x M32
Ø D x E shaft / Ø P flange	B5R	Ø28 x 60 / Ø250
Hole in head/back		M10 / M12
Keyway type A		8 x 7 x 50
Flange material / shaft		Cast iron / C45

Motor main dimensions [mm]

