

TX serie



Motor catalog TX - Erp
HB2 80A 6 230.400-50 B35

Configured motor

Designation

HB2 80A 6 230.400-50 B35

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Pn 0.37 kW (0.5 hp)

Motor specifications

- 5 voltage values stated on nameplate:
220.380 @50Hz
230.400 @50Hz
240.415 @50Hz
265.460 @60Hz
277.480 @60Hz

Motor mounting position (IM) B35

Electric motor technical data TX catalog

Type	HB2 80 A 6	
Size	80	
Poles	6	
Coupling dimensions Ø D x E - Ø P		
Power supply	[V - Hz] 230.400 - 50	
Nominal input power P_{N1}		[hp] 0.5
Nominal speed n_N		[min ⁻¹] 910
Motor mass		[lb] 18
Directive	Motor ErP	
Efficiency class	IE2	
Power factor cosφ	0.67	
Moment of inertia J_0		[lb ft ²] 0 006.49263
Overtemperature class	B	
Insulation class	F	
Protection	IP 55	
Type of duty	S1	
Synchronous speed		[min ⁻¹] 1 000

Efficiency

100 %	67.60
75 %	64.00
50 %	57.80

Nominal data

Nominal torque M_N	[Lb-in] 34.52
Nominal starting torque M_s / M_n	2.70
Maximum torque M_{MAX} / M_n	2.60
Starting current ratio i_s / i_n	3.60
Rated current I_n @230 [V]	[A] 2.08
Rated current I_n @400 [V]	[A] 1.20