

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Premium Efficiency Three-Phase Product code : 17282075

Frame	: W56C	Locked rotor time	: 45s (cold) 25s (hot)
Output	: 0.33 HP (0.25 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 208-230/460 V	Ambient temperature	: -20°C to +40°C
Poles	: 2	Altitude	: 1000 m.a.s.l.
Rated current	: 1.32-1.20/0.598 A	Cooling method	: IC01 - ODP
	: 5.9x(Code K)	Mounting	: F-1
Rated speed	: 3450 rpm	Rotation ¹	: Both (CW and CCW)
Rated torque	: 0.069 kgfm	Noise level ²	: 62.0 dB(A)
Insulation class	: F	Starting method	: Direct On Line
Service factor	: 1.35	Approx. weight ³	: 6.3 kg
Moment of inertia (J)	: 0.0005 kgm ²		

Output	50%	75%	100%	Foundation loads	
Efficiency (%)	59.5	68.0	70.0	Max. traction	: 3 kgf
Power Factor	0.53	0.66	0.75	Max. compression	: 10 kgf

		<u>Drive end</u>	<u>Non drive end</u>
Bearing type	:	6203 ZZ	6202 ZZ
Sealing	:	Without Bearing Seal	Without Bearing Seal
Lubrication interval	:	-	-
Lubricant amount	:	-	-
Lubricant type	:	Mobil Polyrex EM	

Notes
USABLE @208V SF 1.00

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.
- (4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page Revision 1 / 2		
Checked by				
Date	22/05/2026			

LOAD PERFORMANCE CURVE

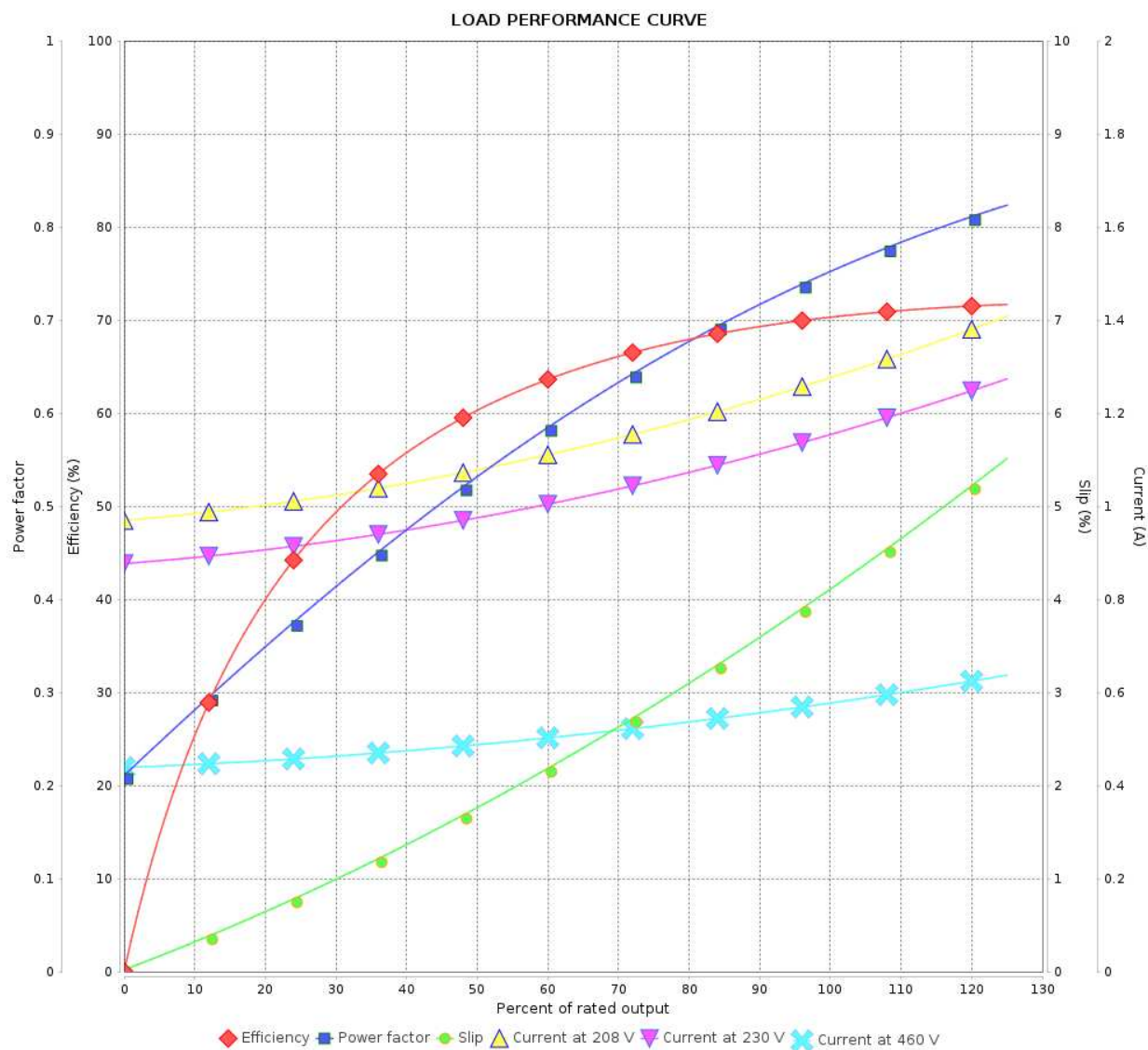
Three Phase Induction Motor - Squirrel Cage



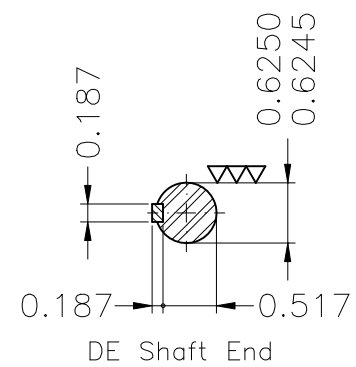
Customer :

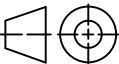
Product line : Rolled Steel Premium Efficiency
Three-Phase

Product code : 17282075



Rev.	Changes Summary		Performed	Checked	Date
Performed by				Page	Revision
Checked by				2 / 2	
Date					
	22/05/2026				



Without coating									
Mounting B34D									
						HYBRISUSER			00
ECM	LOC	SUMMARY OF MODIFICATIONS				EXECUTED	CHECKED	RELEASED	DATE VER
EXECUTED	HYBRISUSER		THREE PH. MOTOR ROLLED STEEL PREM.EFF. FRAME W56C IP21 ODP			PREVIEW WDD 00			
CHECKED									
RELEASED									
REL. DATE		WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1			

WEG's property. Forbidden reproduction without previous authorization.

Dimensions in inches

XME A3