DATA SHEET

Single Phase Induction Motor - Squirrel Cage



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Customer	:									
Product line		: Rolled Steel Compressor D Single-Phase		uty Product code : Catalog # :	12882730 00536OS1DCD56H-S					
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inertia	ie	: 56H : 5 HP (3.7 : 2 : 60 Hz : 230 V : 20.3 A : 122 A : 6.0x(Cod : 4.70 A : 3440 rpm : 4.44 % : 7.63 ft.lb : 240 % : 200 % : F : 1.00 : 0.0864 so	e G)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 7s (cold) 4s (hot) : 105 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : F-3 : Both (CW and CCW) : 68.0 dB(A) : Direct On Line : 49.3 lb					
Output	50%	75%	100%	Foundation loads						
Efficiency (%) Power Factor	74.6 0.98	79.5 0.98	80.0 0.99	Max. traction Max. compression	: 125 lb : 174 lb					
Bearing type Sealing Lubrication interv Lubricant amoun Lubricant type	ealing : Without Bearing Seal ubrication interval : - ubricant amount : -		Non drive end 6202 ZZ Without Bearing - - bil Polyrex EM	-						

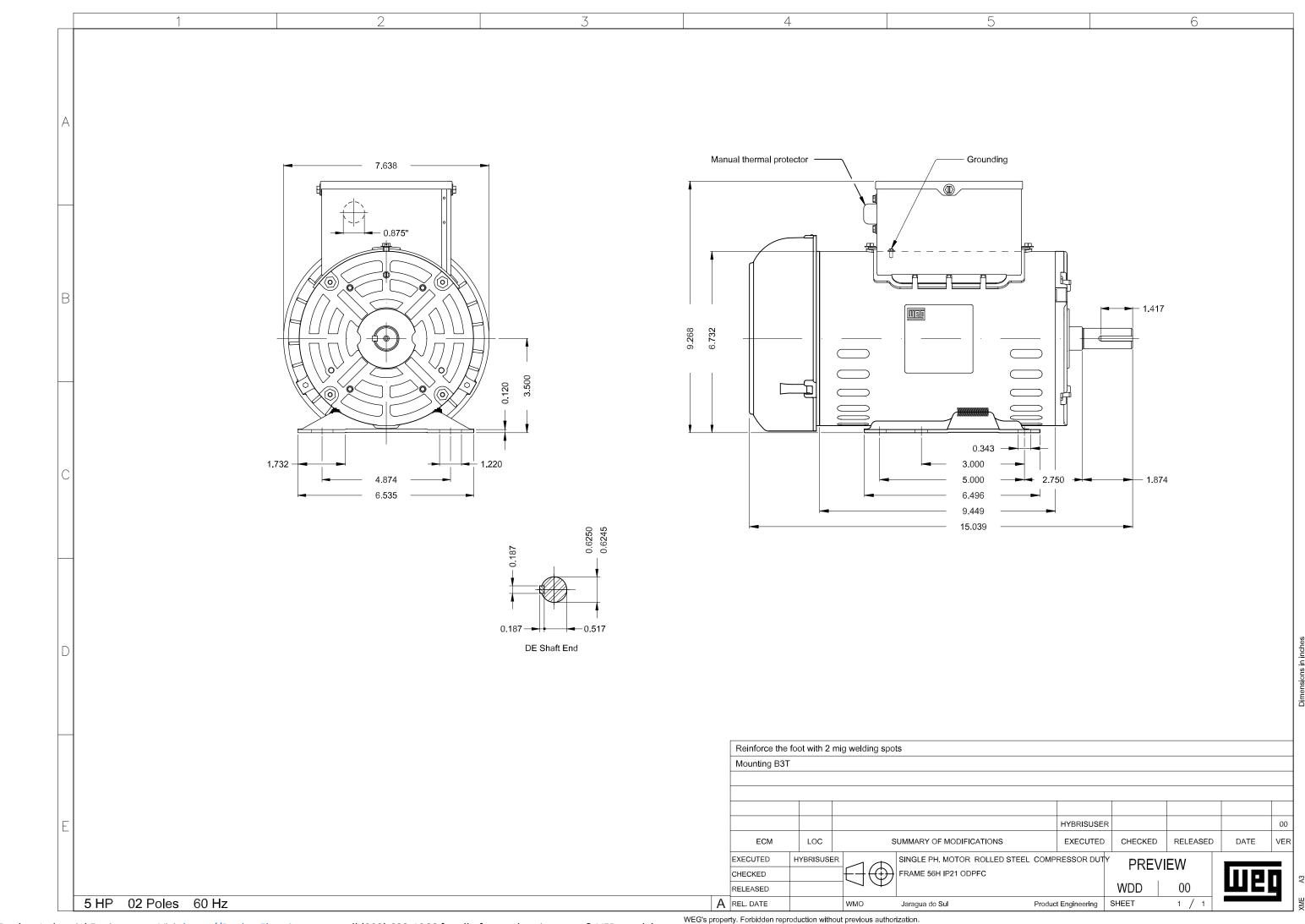
Notes

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.

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Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	03/03/2025	1		1/1	







DE IN BRAZIL (WL) HMAR2025 BAN: 3673575

2882730

ODPFC 49lb DUTY CONT. SFA DESL INS cl. F Code G RPM Fr. 58H Ŷ

MON

code

990 뿝

MODEL 00536OS1DCD56H-S

V(HP) 3.70(5.00)

2HZ ş 览

TO REVERSE ROTATION INVERT TS AND TS HERMALLY PROTECTED

COMPRESSOR DUTY

MOBIL POLYRE Electric Motor -6204-ZZ

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7P2-BRW

B-RFD

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