



**MarelliMotori**  
Inspired solutions

Our Reference: \_\_\_\_\_

Customer: \_\_\_\_\_

MOTOR TYPE		A6C 250 M4
RATED OUTPUT	kW	55
EFFICIENCY CLASS		IE3
DUTY		S1
RATED VOLTAGE	V	380 Δ
RATED FREQUENCY	Hz	50
RATED CURRENT	A	101.5
RATED SPEED	rpm	1480
MOUNTING	IM	HORIZONTAL
EXECUTION		TEFC
ATEX EXECUTION		-
PROTECTION DEGREE	IP	55
COOLING METHOD	IC	411
MOMENT OF INERTIA	kgm <sup>2</sup>	0.58
AMBIENT TEMPERATURE	°C	40
SITE ALTITUDE		1000
CLASSIFICATION		-
INSULATION CLASS		F
TEMPERATURE RISE		B
APPLICABLE STANDARDS		IEC 60034-1

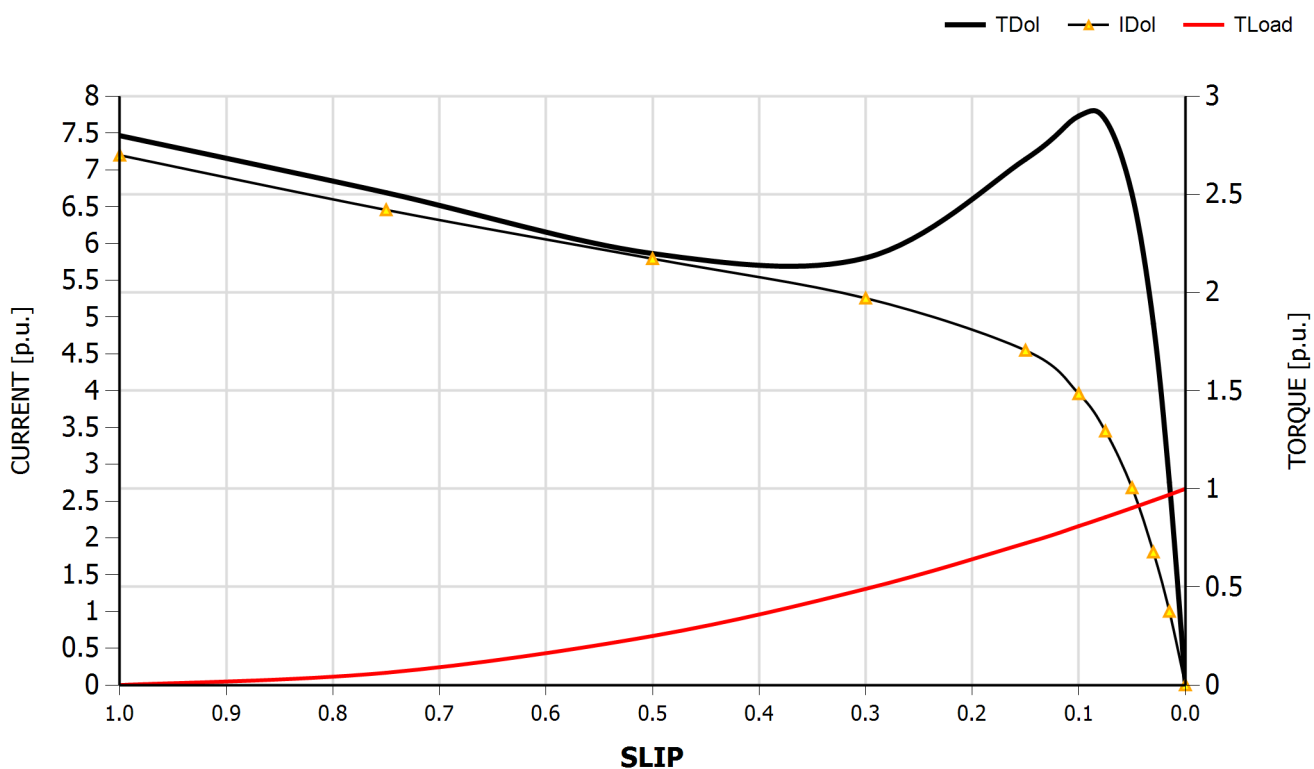
			LOAD		
			4/4	3/4	2/4
EFFICIENCY		%	94.6%	94.8%	94.6%
POWER FACTOR			0.87		
TORQUE	FULL LOAD	Nm	355		
	LOCKED ROTOR (DOL)	p.u.	2.8		
	PULL-OUT (DOL)	p.u.	2.9		
LOCKED ROTOR CURRENT (DOL)		p.u.	7.2		
STARTING METHOD			DOL		
THERMAL PROTECTIONS	WINDINGS		-		
	BEARINGS		-		
HEATING ELEMENTS		V / W	-		

#### MECHANICAL DATA

BEARING TYPE	D-end		6314-Z-C3
	N-end		6213-Z-C3
LUBRICATION			GREASE
DIRECTION of ROTATION			CW or CCW
NO LOAD NOISE		dB(A)	68
WEIGHT		kg	307
VIBRATION LEVEL			A
PAINTING			RAL 5010

# **A6C 250 M4 - 380 V - 50 Hz- 55 kW - S1**

## **DOL**



Approx starting time

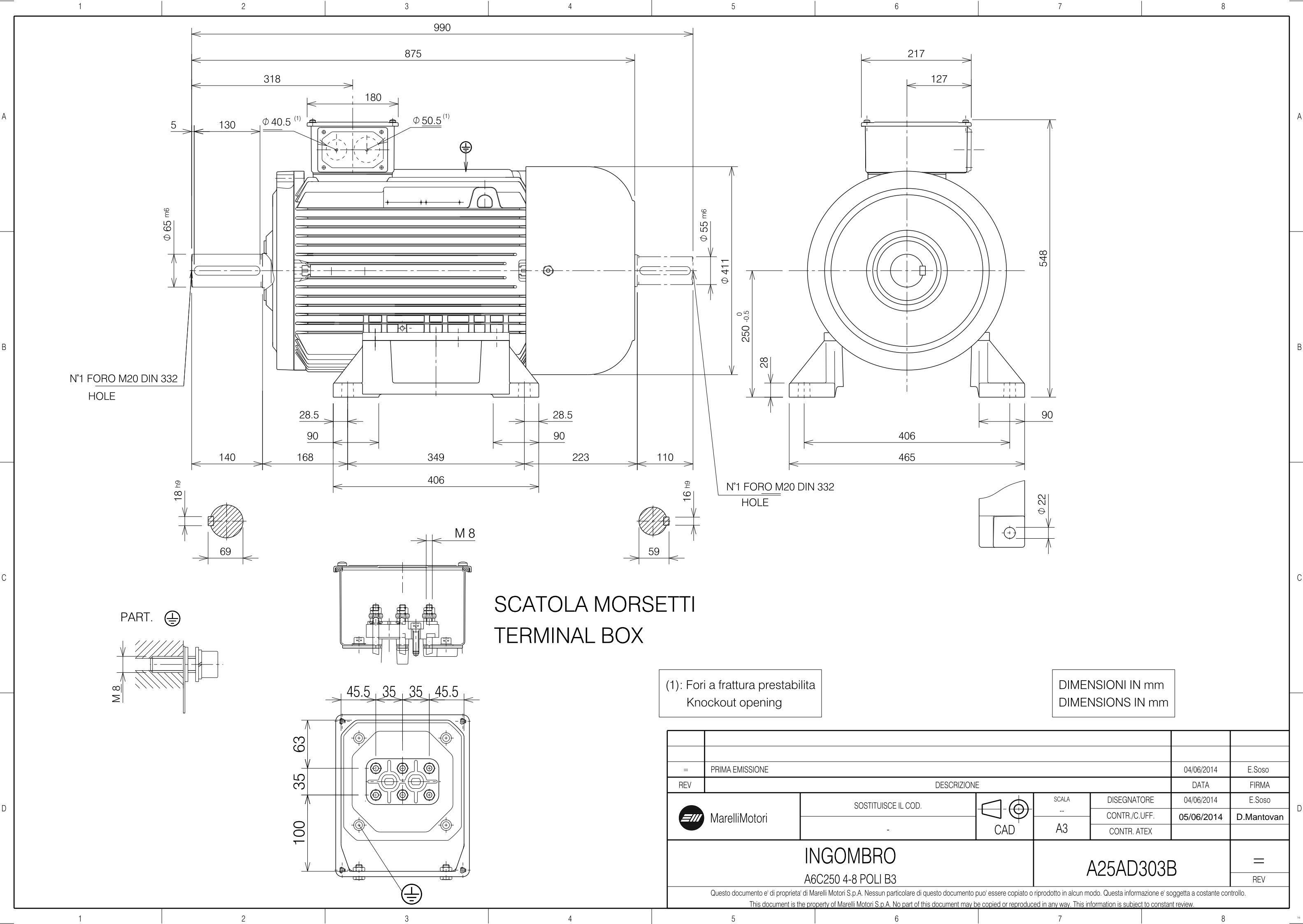
Temperature rise after starting

**Allowed starting (0.33 sec)**

Temperature for each starting 1 K


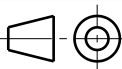
Max allowed cold starting 10

Max allowed warm starting 5



(1): Fori a frattura prestabilita  
Knockout opening

DIMENSIONI IN mm  
DIMENSIONS IN mm

=	PRIMA EMISSIONE				04/06/2014	E.Soso
REV	DESCRIZIONE				DATA	FIRMA
 MarelliMotori	SOSTITUISCE IL COD.	 CAD	SCALA	DISEGNATORE	04/06/2014	E.Soso
	-		--	CONTR./C.UFF.	05/06/2014	D.Mantovan
			A3	CONTR. ATEX		
INGOMBRO A6C250 4-8 POLI B3			A25AD303B			=
						REV
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