



Three Phase AC Motor Data Sheet

Power : 350 kW
 Motor Type Code : BLU-K400-8-350-0010
 Manufacturer : Bluetech GmbH

BLUTECH GmbH
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Basic Technical Data

Frame Size	:	400	mm
Output Power	:	350	kW
Frequency	:	40 / 70	Hz
Poles	:	8	P
Rated Speed	:	600 / 1050	rpm
Rated Voltage	:	690	V
Rated Current	:	380 / 370	A
Stator Connection	:	Δ	
Rotor Voltage	:		V
Rotor Current	:		A
Rotor Connection	:		
Locked Rotor Current	:	150	%
No Load Current	:	.. / ..	A
Rated Torque	:	5570	Nm
Locked Rotor Torque	:	150	%
Breakdown Torque	:	250 / 150	%
Insulation Class	:	F	
Temperature Rise	:	B / 80K	
Service Factor	:	1	
Duty	:	S1	
Ambient Temperature	:	-20~+40°C	
Altitude	:	1000m	
Protection Degree	:	IP54	
Cooling	:	IC416	
Mounting	:	IM B3	
Vibration Level	:		
Moment of Inertia	:		kg.m2
Allowed load Inertia	:		kg.m2
Noise Level(Lp)	:	90	dB(A)
Direction of Rotation	:	Both	
Starting Method	:	VSD	
Coupling	:	DIRECT	
Approx. Weight	:	8850	kg
Specification	:	IEC60034-1 / GB755	
Test	:	IEC60034-2 / GB/T1032	
Noise	:	IEC60034-9 / GB10069.3	
Vibration	:	IEC60034-14 / GB10068	

Performance

Partial Load	:	50%	75%	100%
Efficiency(%)	:			>97
Power Factor	:			>0,84

Bearing Information

		DE	NDE
Bearing Type	:	Standart	Insulated
Calculated Lifetime(h)	:		
Greasing Intervals(h)	:		
Grease Brand	:	Lithium	Lithium

Accessories

- Stator Winding: 6*PT100 (2 PCS/Phase)
- Bearings: 2*PT100(1 PC/each bearing)
- Space Heater: 230V/50HZ
- Baumer-Thalheim ITD40 / Kuebler 1024 Pulses Encoder
- Aux. Terminal Box
- Earthing Brushes
- DE-Side ball bearing for directly coupling
- NDE - Side insulated bearing

Remark

Driven Machine: Rolling Mill

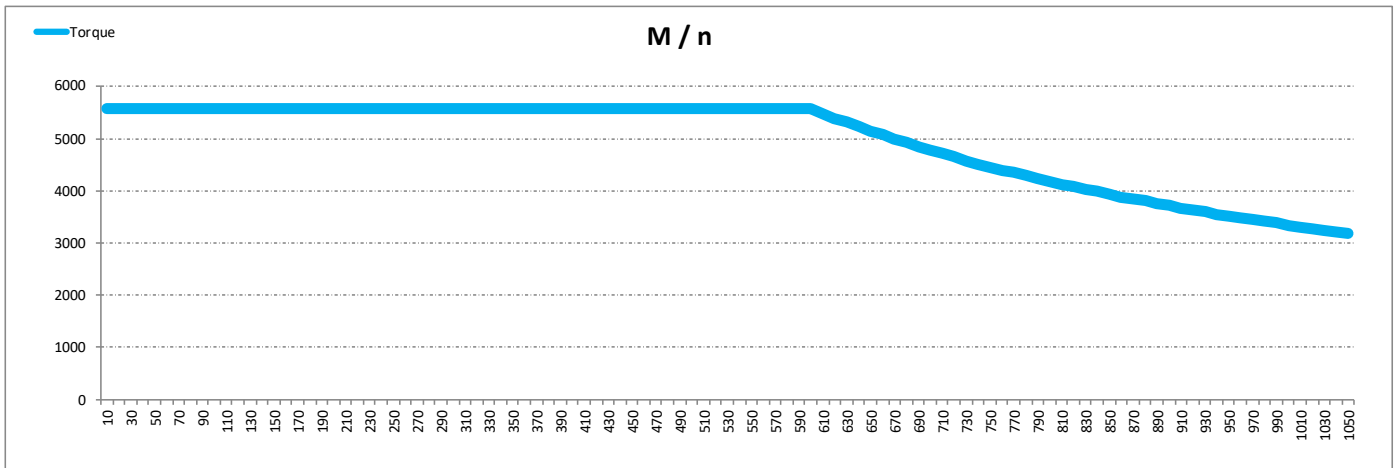
PRELIMINARY DOCUMENT

Three Phase AC Motor Charts

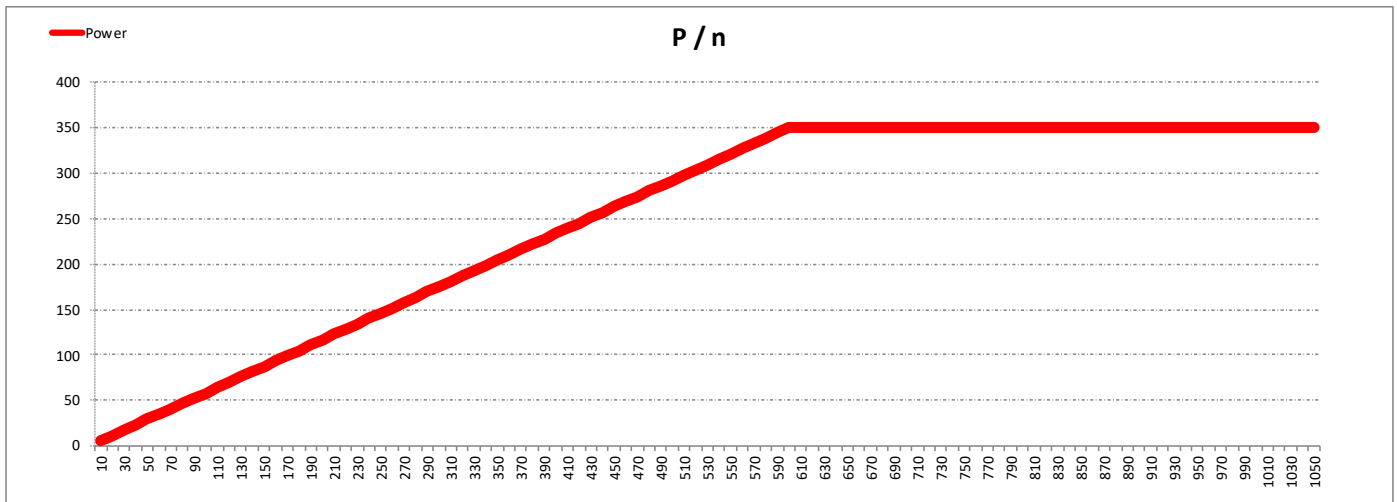
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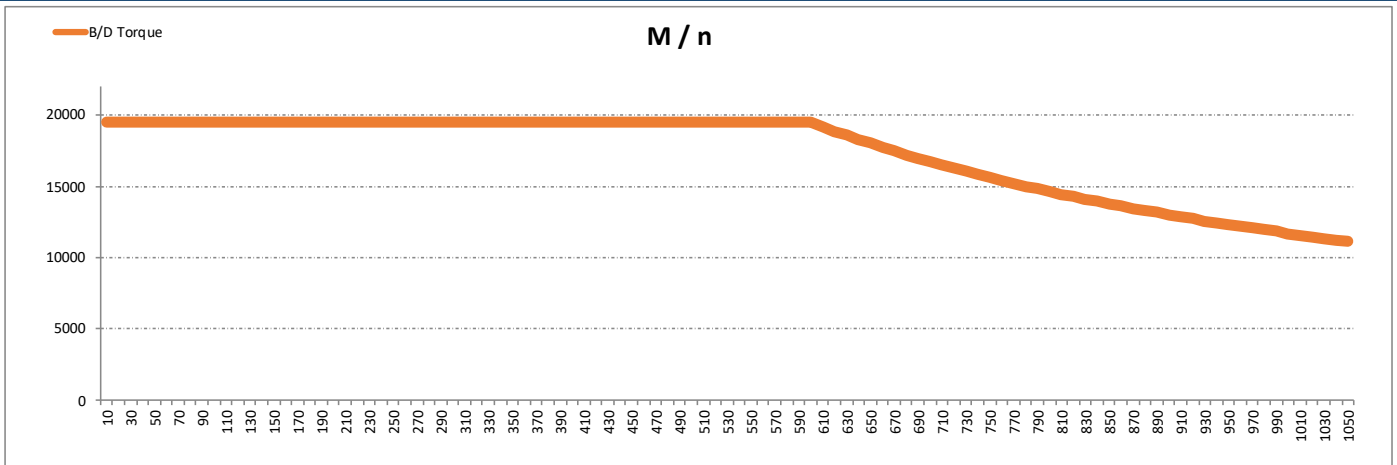
TORQUE - SPEED CHART



POWER - SPEED CHART



BREAKDOWN TORQUE - SPEED CHART

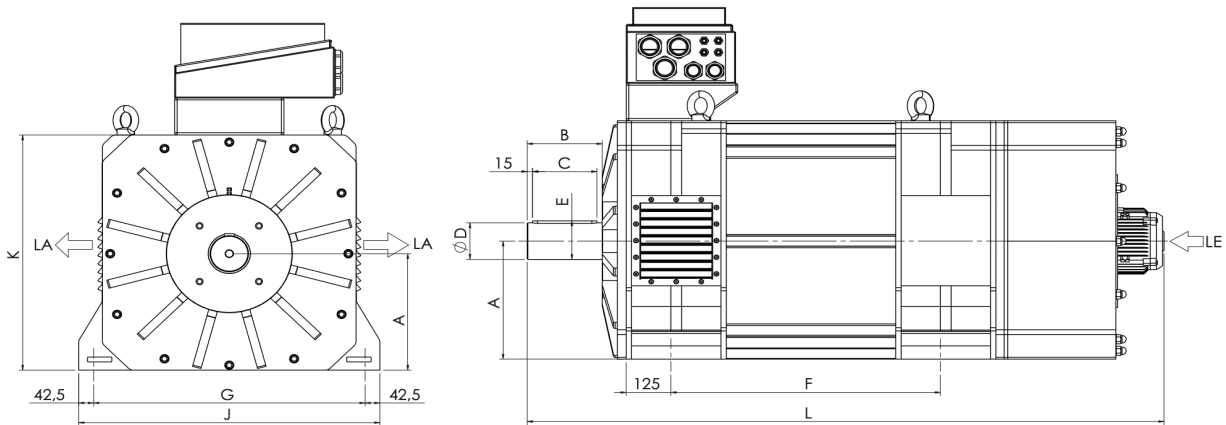


Three Phase AC Motor Dimensions

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SECTIONS



FRAME	A	L	D	B	C	E	F	G	J	K
355	355	2031,5	∅ 110	210	180	116	1004	775	860	717

DRAWINGS

