

EXTRUDER DUTY MOTORS

XD1251800F2 160-4B

Power:	125/125/114	HP	93.25/93.25/85 KW
Speed:	1800/2880/3400	RPM	
Rated Torque:	495/309/239	NM	
Rated Voltage:	460/460/460	V, WYE CONNECTION	
Nominal Current:	155/155/142	A	
Frequency:	61.5/97.4/115	HZ	
Power Factor:	0.80/0.80/0.80		
Efficiency:	94/94/94	%	
Protection:	IP23		
Cooling:	IC06		
Mounting:	IM1001		
Duty:	S1		
Blower position:	TOP AT NDE, 0.75KW, 1.49A, 460V/60HZ		
Altitude:	1000 MASL		
Ambient temp.:	40C		
Terminal box:	F2, RHS FACING DRIVE END		
Cable outlet:	FROM THE DRIVE END		
Bearing, DE:	6312 2RS C3		
Bearing, NDE:	6312 C3VL0241, INSULATED, GREASE SKF LGMT3, LITHIUM BASED		
Painting color:	RAL 7015, SLATE GRAY		
Rotor Inertia:	0.29 kgm2		
Vibration class:	A PER IEC 60034:14 (ISO 1940/1, G2.5)		
Drawing:	44310218-58		

Accessories:

- * AIR FILTER
- * CSA
- * INTEGRATED CONTROL NAMEPLATE
- * PT100 WINDING
- * THERMOSTAT KLIXON TYPE NC, 145 DEG
- * WARRANTY 3 YEARS

FEATURES

1000:1 Constant Torque

1.15 Service Factor

160% OL for 1 minute

Insulated Bearings

AEGIS Shaft Grounding Ring

RTD's on Windings

Class H Insulation / F Temp Rise

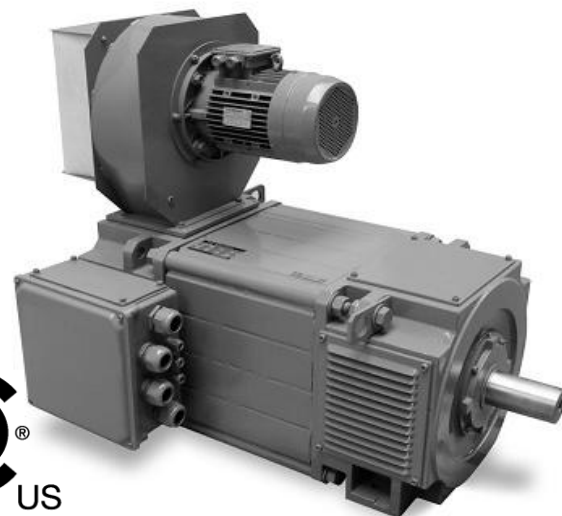
Compact Frame

Klixon type Thermostat NC

Blower Included

Air Filter Included

IEC 60034-14 Balanced, Grade A



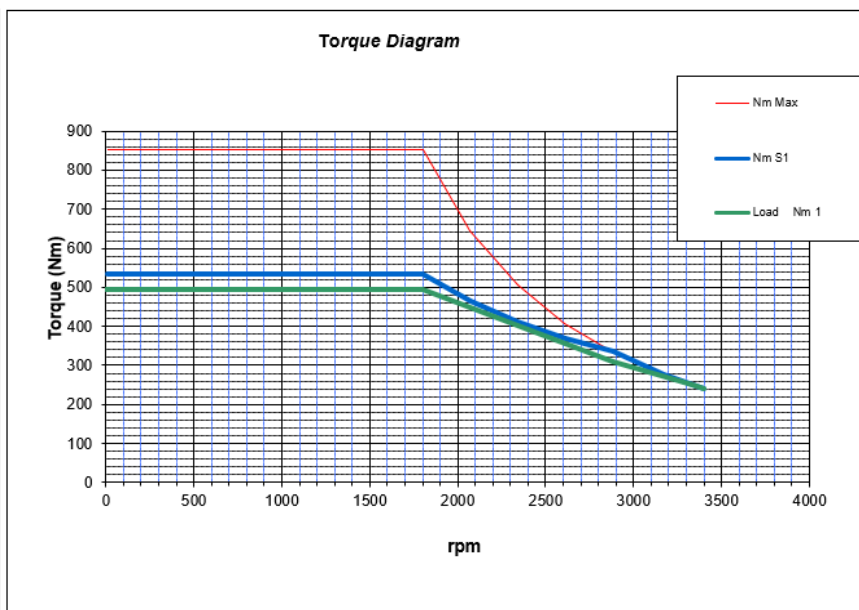
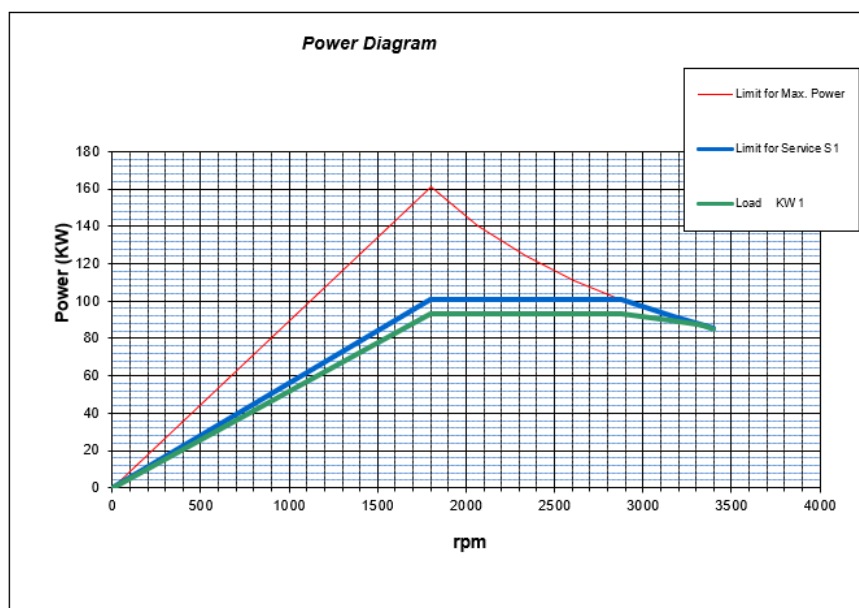
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Degree of Protection	IP23	Cooling	IC06
Rotor Inertia J(kgm2)	0.29	Motor weight (Kg)	335
Maximum mechanical speed	3400	Sound Pressure Level (db(A))	76
nmax (min-1)		at 50 Hz	
D-End Bearing	6312 2RSC3	ND-End Bearing	6312 C3VL0241
Vibration Class	A	Mounting	IM1001
Insulation Class	H	Temperature rise Class	F
Motor Nominal Voltage (V)	460	Thermal Protection	Pt100 & Klixons

	S1					
Nominal speed	Nm	A	KW	rpm	Hz	Const. Power Speed. (rpm)
1800	534	164	101	1800	62	2880

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DIMENSIONS

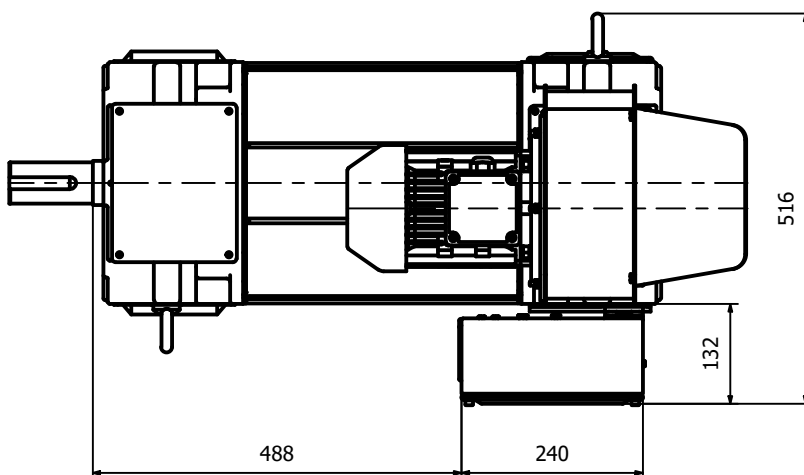
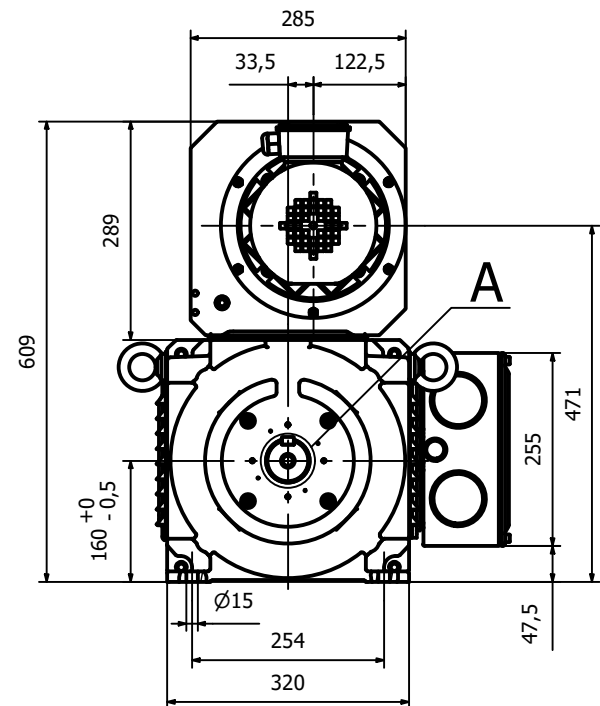
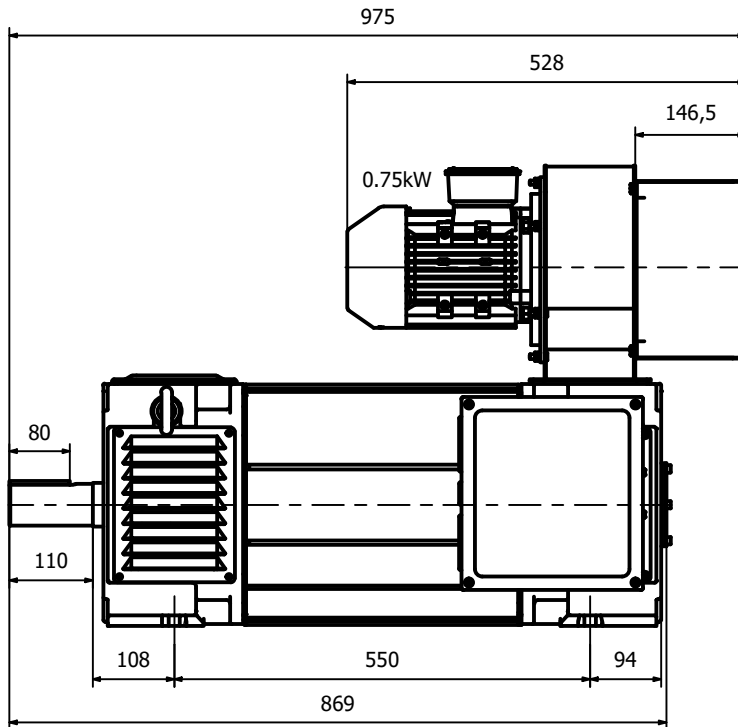
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DWG 443 1 0218-58



DETAIL A

