

EXTRUDER DUTY MOTORS

XD3001800F1

Power:	300/300/280	HP	224/224/209 KW
Speed:	1800/2880/3200	RPM	
Rated Torque:	1188/743/624	NM	
Rated Voltage:	460/460/460	V, WYE CONNECTION	
Nominal Current:	360/360/337	A	
Frequency:	60.7/96.8/107.5	HZ	
Power Factor:	0.82/0.82/0.82		
Efficiency:	95/95/95	%	
Protection:	IP23		
Cooling:	IC06		
Mounting:	IM1001		
Duty:	S1		
Blower position:	TOP AT NDE, 2.2KW, 3.76A		
Altitude:	1000 MASL		
Ambient temp.:	40C		
Terminal box:	F1, LHS FACING DRIVE END		
Cable outlet:	FROM THE DRIVE END		
Bearing, DE:	6220 C3		
Bearing, NDE:	6220 C3VL0241, INSULATED		
Grease:	SKF LGMT3, LITHIUM BASED		
Painting color:	RAL 7015, SLATE GRAY		
Rotor Inertia:	1.72 kgm2		
Vibration class:	A PER IEC 60034:14 (ISO 1940/1, G2.5)		
Drawing:	44310226-129		

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

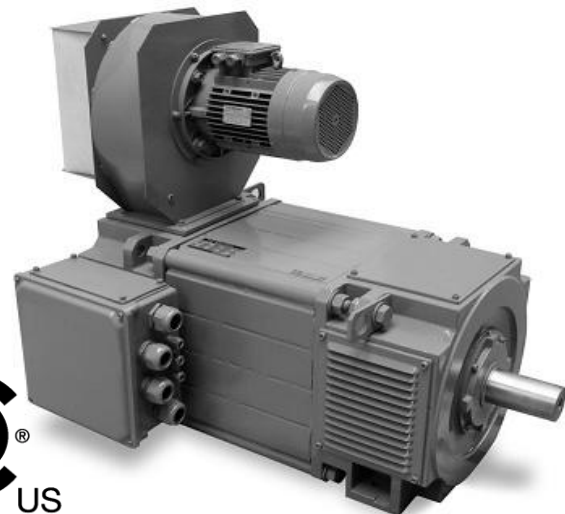
Compact Frame

Klixon type Thermostat NC

Blower Included

Air Filter Included

IEC 60034-14 Balanced, Grade A

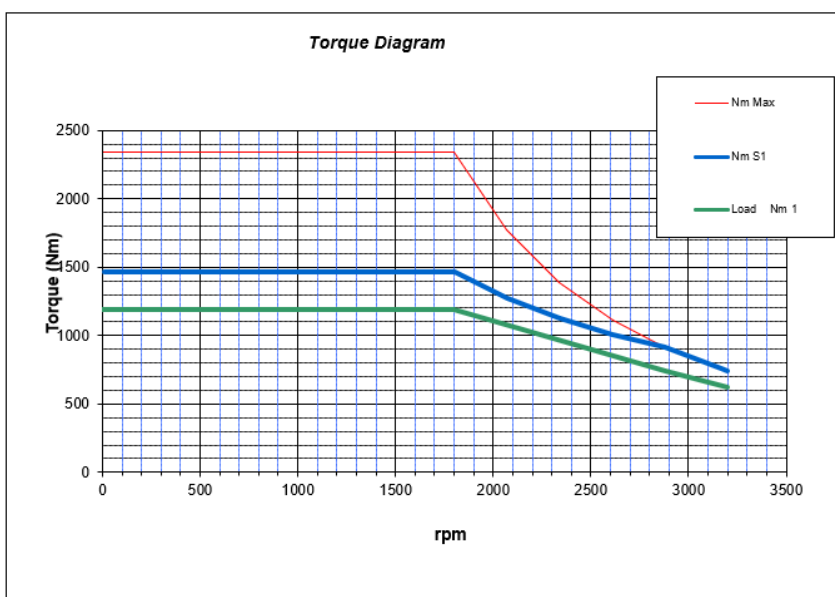
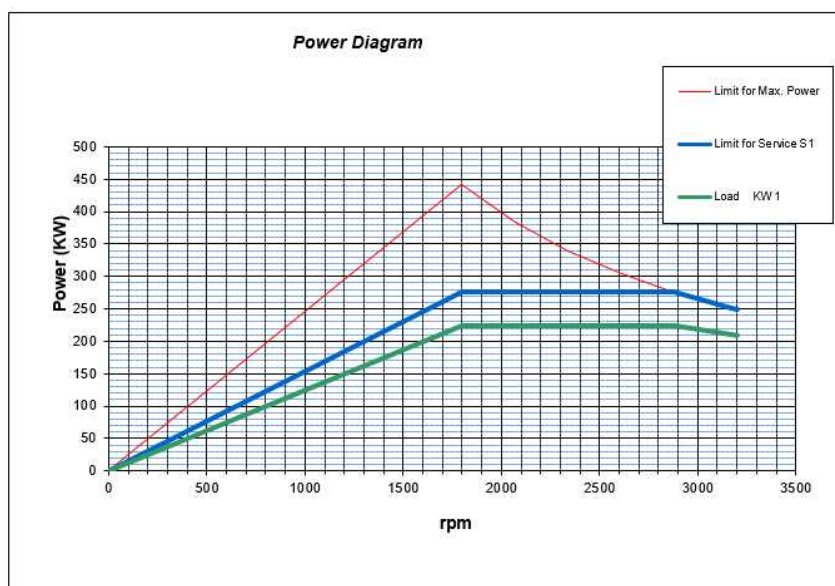


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Degree of Protection	IP23	Cooling	IC06
Rotor Inertia J(kgm2)	1.72	Motor weight (Kg)	705
Maximum mechanical speed	3200	Sound Pressure Level (db(A))	80
nmax (min-1)		at 50 Hz	
D-End Bearing	6220 C3	ND-End Bearing	6220 C3VL0241
Vibration Class	A	Mounting	IM1001
Insulation Class	H	Temperature rise Class	F
Motor Nominal Voltage (V)	460	Thermal Protection	Pt100 & Klixon

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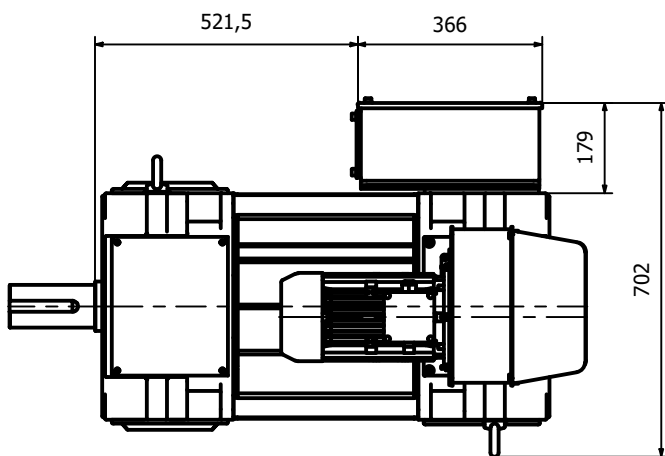
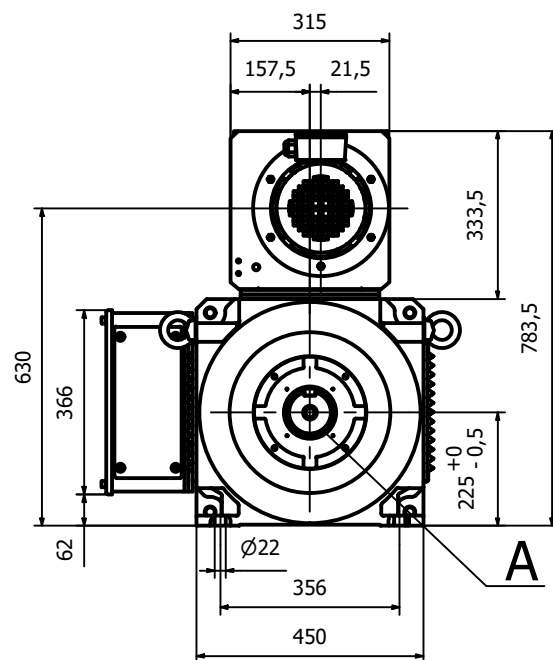
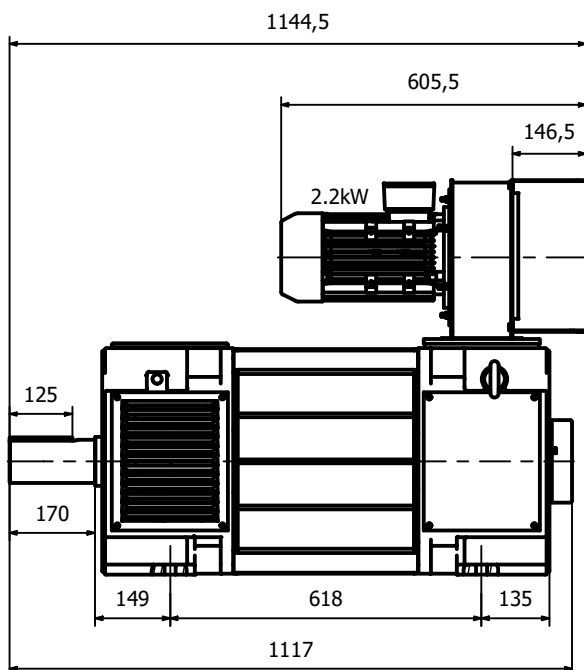
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DWG 4431 0226-129



DETAIL A

