

EXTRUDER DUTY MOTORS

XD1501800F1 160-4C

Power:	150/150/133	HP	112/112/99 KW
Speed:	1800/2880/3400	RPM	
Rated Torque:	594/371/277	NM	
Rated Voltage:	460/460/460	V, WYE CONNECTION	
Nominal Current:	191/191/170	A	
Frequency:	62.5/97.8/115.5	HZ	
Power Factor:	0.78/0.78/0.78		
Efficiency:	94/94/94	%	
Protection:	IP23		
Cooling:	IC06		
Mounting:	IM1001		
Duty:	S1		
Blower position:	TOP AT NDE, 0.75KW, 1.49A		
Altitude:	1000 MASL		
Ambient temp.:	40C		
Terminal box:	F1, LHS 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:	0.33 kgm2		
Vibration class:	A PER IEC 60034:14 (ISO 1940/1, G2.5)		
Drawing:	44310219-79		

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

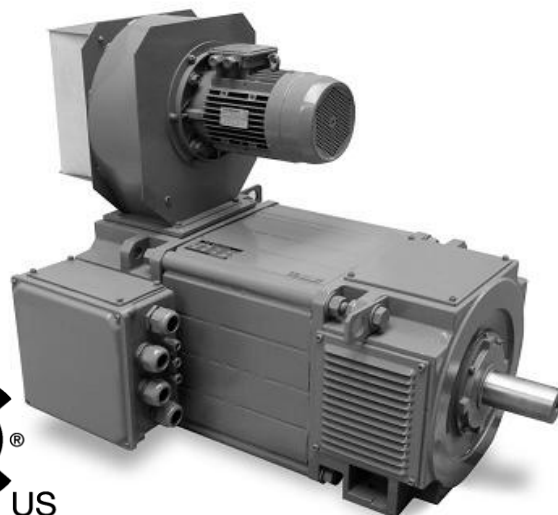
Compact Frame

Klixon type Thermostat NC

Blower Included

Air Filter Included

IEC 60034-14 Balanced, Grade A



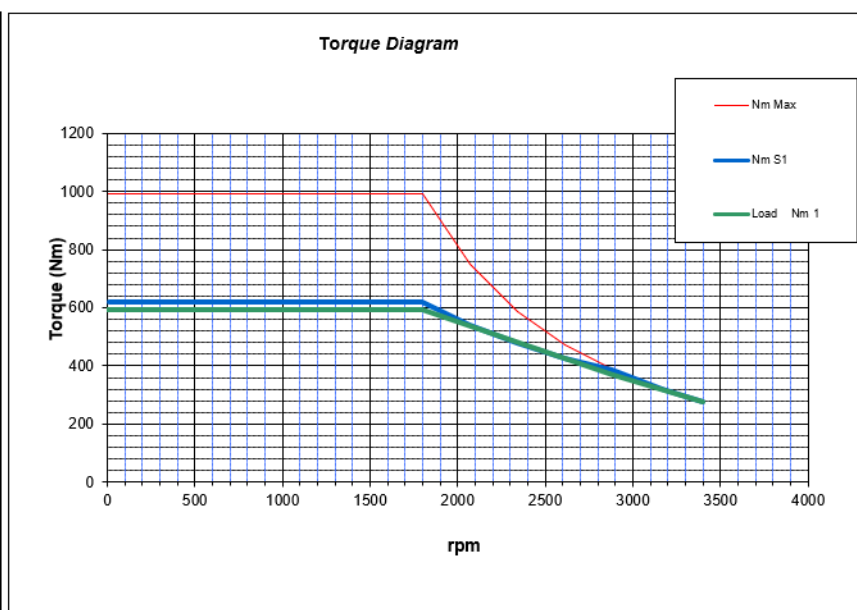
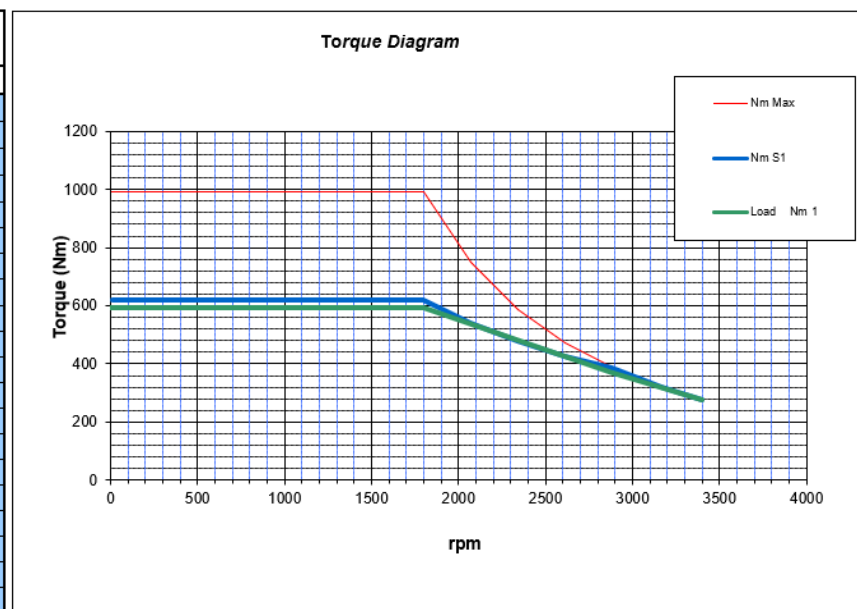
XD



XD1501800F1

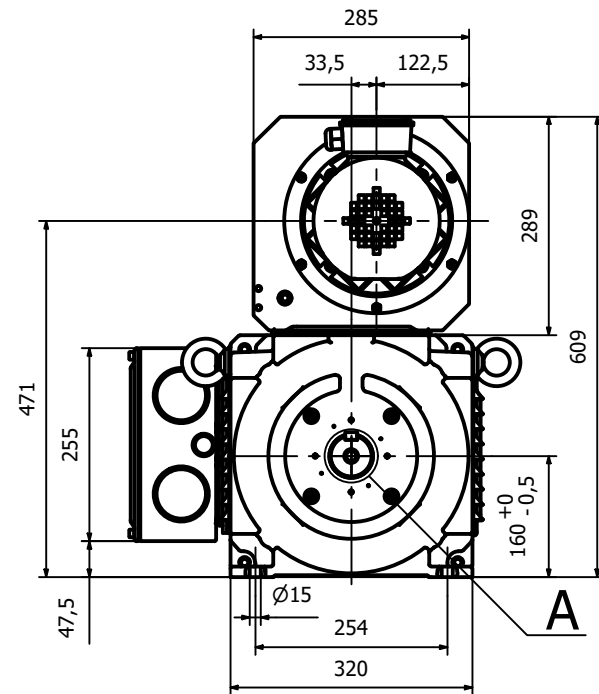
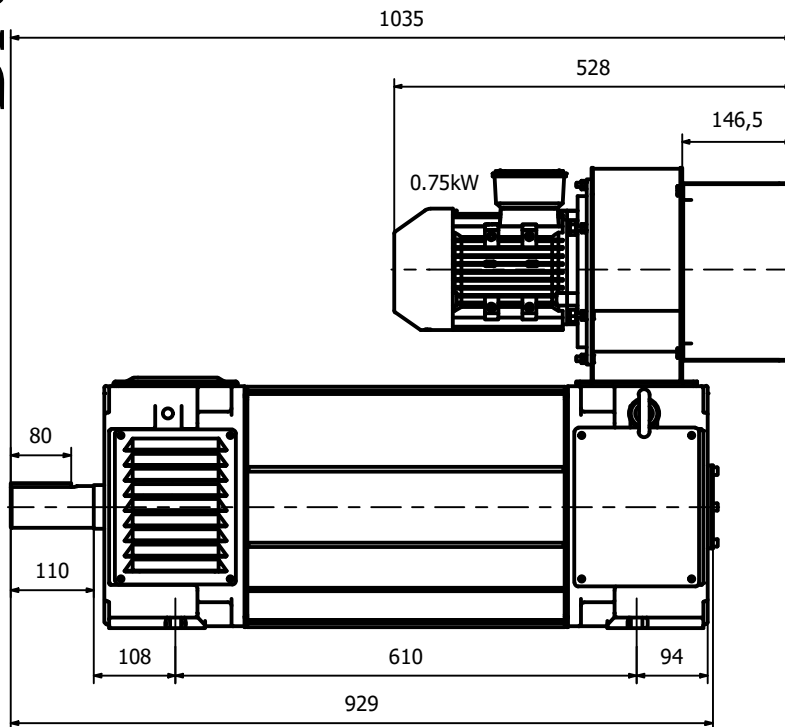
Degree of Protection	IP23	Cooling	IC06
Rotor Inertia J(kgm2)	0.33	Motor weight (Kg)	370
Maximum mechanical speed	3400	Sound Pressure Level (db(A))	76
nmax (min-1)		at 50 Hz	
D-End Bearing	6312 2RSC3	ND-End Bearing	6312 C3VL0241
Vibration Class	A	Mounting	IM1001
Insulation Class	H	Temperature rise Class	F
Motor Nominal Voltage (V)	460	Thermal Protection	Pt100 & Klixons

	S1					
Nominal speed	Nm	A	KW	rpm	Hz	Const. Power Speed. (rpm)
1800	619	197	117	1800	63	2880

[illegible][illegible]

XD1501800F1

DWG 4431 0219-79



DETAIL A

