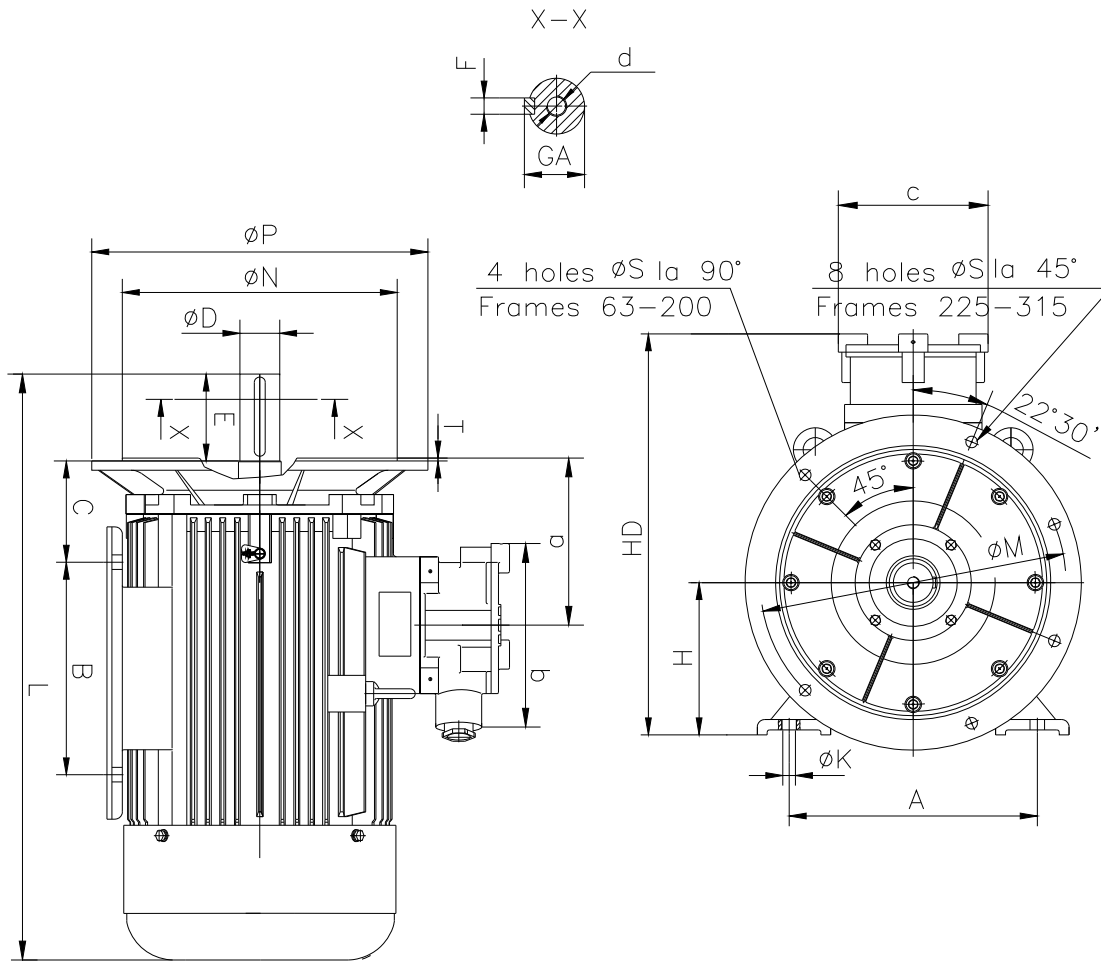


DATA SHEET

○ Type.....	ASA 280M-8
○ Reference standard.....	IEC 60034-1 EN 60079-0 EN 60079-1 ; 7
○ Rated output.....	43 kW
○ Rated stator voltage.....	440 V Δ
○ Rated frequency.....	60 Hz
○ Stator current at 100% load.....	80 A
○ Number of poles.....	8
○ Rated speed.....	876 rev/min
○ Rated duty	S1(continuous)
○ Efficiency at 100% load.....	90.8%
○ Power factor at 100% load.....	0.78
○ Break-down torque.....	2.5 x Mn
○ Locked rotor torque.....	2.1 x Mn
○ Locked rotor current.....	6.3 x In
○ Rotor inertia.....	1.614 kgm ²
○ Insulation class.....	F
○ Direction of rotation.....	Both(CW&CCW)
○ Protection degree.....	IP56
○ Mounting.....	IM V36
○ Cooling method.....	IC 411
○ Max. ambient temperature.....	up to +40°C
○ Altitude.....	1000m
○ Bearing type.....	6316 drive end 6314 non drive end
○ Lubrication.....	regreasable bearings with LESA 2, Shell Alvania R3, SKF LGTH3
○ Relubricating interval.....	10700 hrs DE 12100 hrs NDE
○ Correcting interval.....	3700 hrs DE 4200 hrs NDE
○ Grease quantity	33g/bearing DE 26 g/bearing NDE
○ Thermal winding protection.....	3xPTC150grd
○ Heating resistance.....	1x100Wx230V
○ Weight.....	690 Kg
○ Outline drawing.....	Page 2
○ Vibration level :.....	A (acc.IEC 60034-14)
○ Noise pressure level	71dB(A)
○ Cable entries.....	2xM63x1.5
○ Additional cable entries.....	2xM20x1.5
○ Climate execution	Normal
○ Preliminary values	Calculation

**The overall and mounting dimensions
IM 2031**



Frame size	Dimensions (mm)																			
	Foot mounting					Flange mounting					Shaft extension					HD	L _{max}	a	b	c
A	B	C	H _{0.5}	K	N	M	P	S	T	D	E	F	GA	d						
280 M-8	457	419	190	280	24	450j6	500	550	18.5	5	75m6	140	20h9	79.5	M20	758	1170	280	340	300