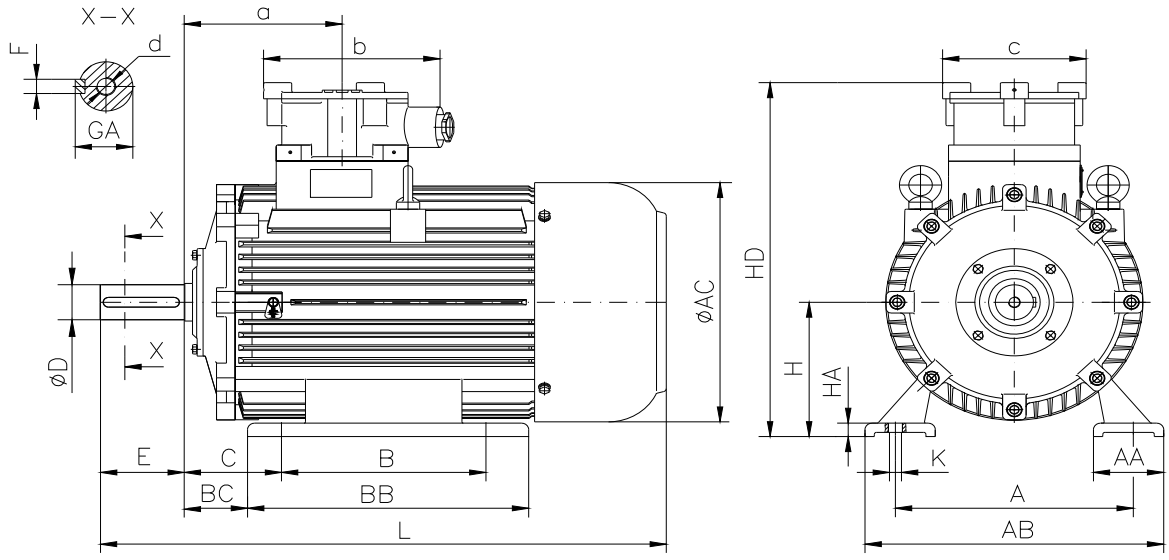
DATA SHEET

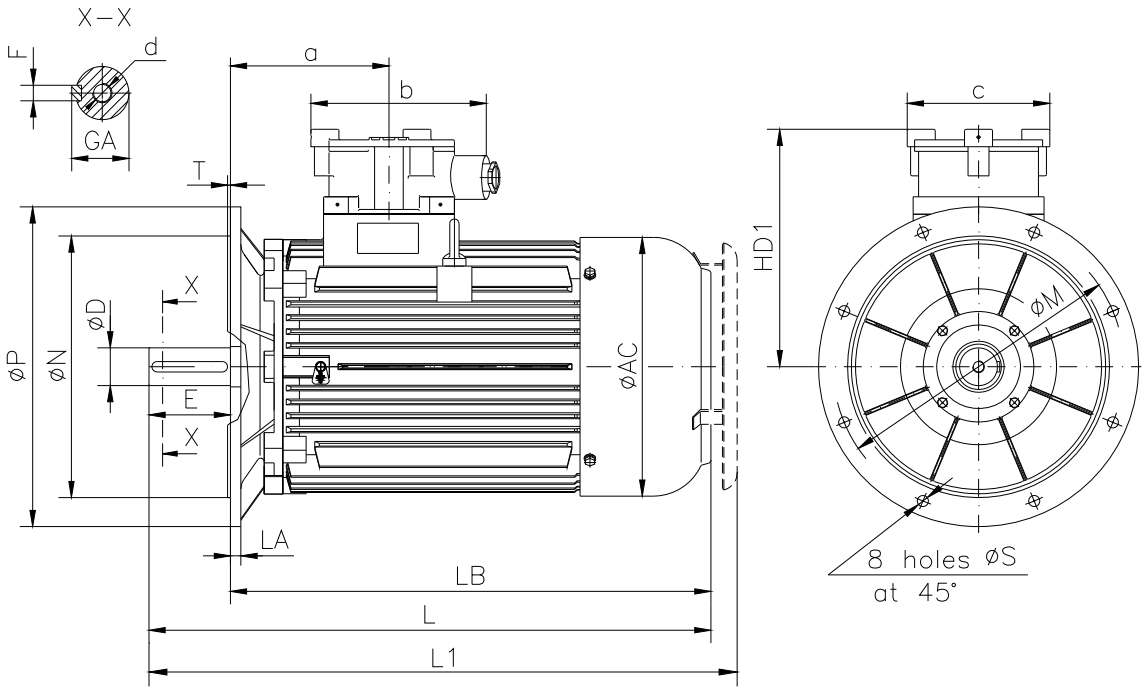
- Type……ASA 315S-4
- Reference standard…… IEC 60034-1
  EN 60079-0
  EN 60079-1
  EN 60079-7
- Rated output…… 110 kW
- Rated stator voltage……..400 V
- Rated frequency……50 Hz
- Stator current at 100% load……185 A
- Number of poles……4
- Rated speed……1480 rev/min
- Efficiency at 100% load……94.3%
- Power factor at 100% load……...0.91
- Break-down torque……2.2 x Mn
- Locked rotor torque……...2.1 x Mn
- Locked rotor current……...7.1 x In
- Rotor inertia..……...1.645 kgm^2
- Insulation class……F
- Direction of rotation……Both(CW&CCW)
- Protection degree……...≥IP55
- Mounting……..IM
- Cooling method……...IC 411
- Max. ambient temperature……+40°C
- Altitude……..1000m
- Bearing type……6317 drive end
  6315 non drive end
- Lubrication…… regreasable bearings with UNIREX N2, Shell Alvania R3, SKF LGTH3 or similar
- Relubricating interval……10000[hrs] drive end
  11400[hrs] non drive end
- Correcting interval...……3500[hrs] drive end
  4000[hrs] non drive end
- Grease quantity ……....37g/bearing drive end
  30g/bearing non drive end
- Thermal winding protection……3xPTC
- Weight……830 Kg
- Outline drawing……..……....Page 2
- Vibration level :……..…A (acc.IEC 60034-14)
- Noise level ……..…….acc.IEC 60034-9
- Cable entries…….....2xM63x1.5
- Additional cable entries……1xM20x1.5
- Climate execution ……..……N

The overall and mounting dimensions
IM 1001



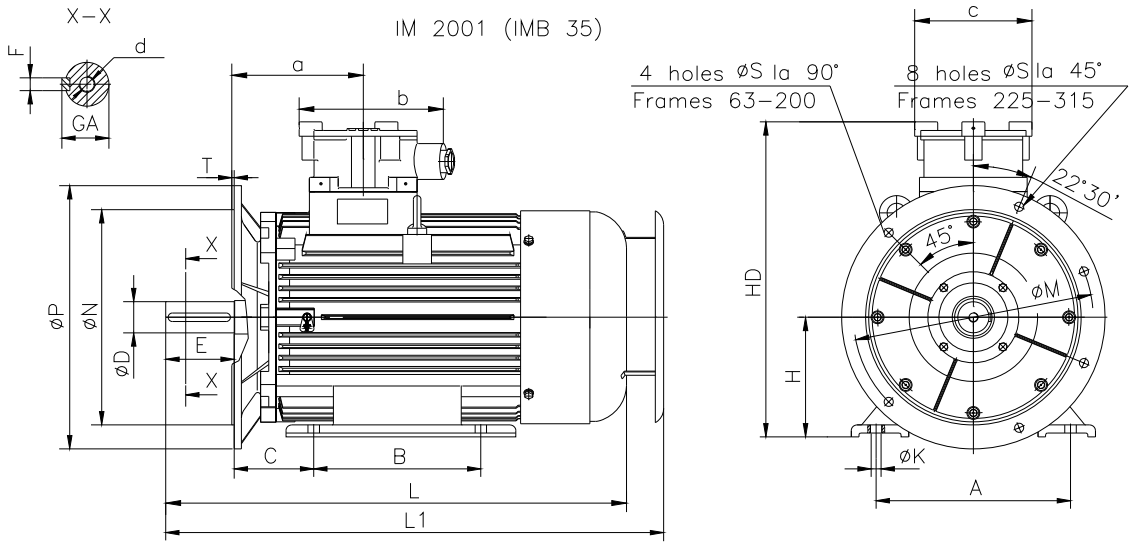
Frame size	Dimensions (mm)																				
	Foot mounting										Shaft extension					HD	AC	L	a	b	c
315 S-4	A	B	C	$H_{-0,5}$	K	AA	AB	BB	BC	HA	D	E	F	GA	d						
	508	406	216	315	28	130	630	528	151.5	30	80m6	170	22h9	85	M20	826	560	1225	300	340	300

The overall and mounting dimensions
IM 3001; IM 3011



Frame size	Dimensions (mm)																		
	Flange mounting (B5)					Shaft extension					HD1	AC	LA	LB	L	L1	a	b	C
315 S-4	N	M	P	S	T	D	E	F	GA	d									
	550j6	600	660	24	6	80m6	170	22h9	85	M20	511	560	20	1050	1225	1325	300	340	300

The overall and mounting dimensions
IM 2001



Frame size	Dimensions (mm)																				
	Foot mounting					Flange mounting					Shaft extension					HD	L	L1	a	b	c
315 S-4	A	B	C	$H_{-0,5}$	K	N	M	P	S	T	D	E	F	GA	d						
	508	406	216	315	28	550j6	600	660	24	6	80m6	170	22h9	85	M20	826	1225	1325	300	340	300