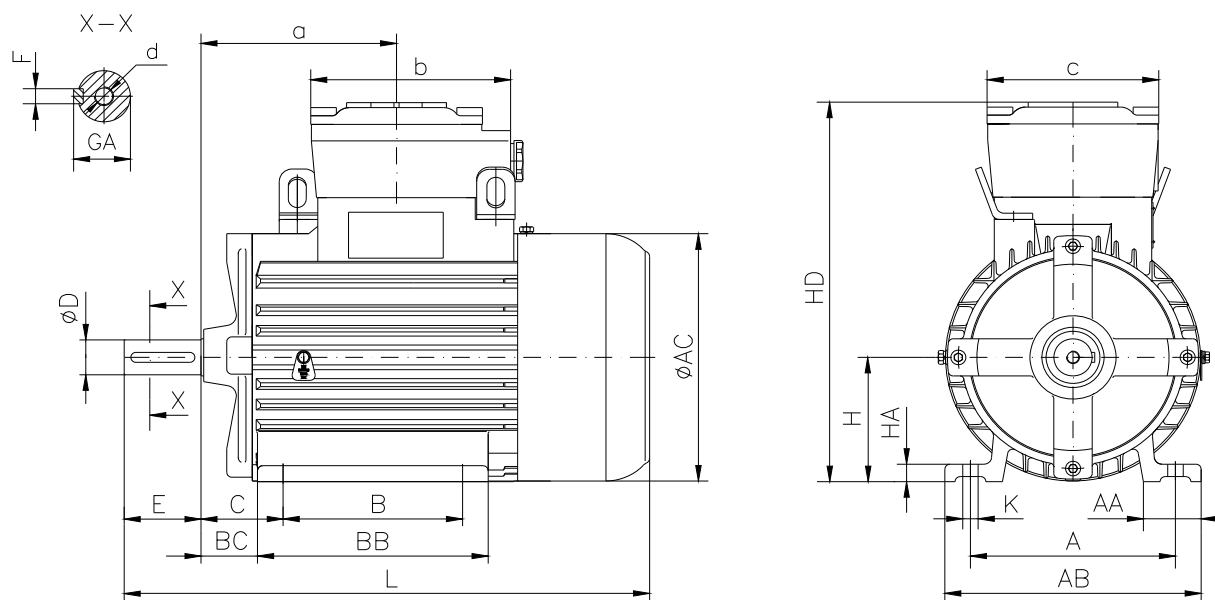


DATA SHEET

- o Type.....ASA 90L-4
- o Reference standard.....IEC 60034-1
EN 60079-0
EN 60079-1
EN 60079-7
- o Rated output.....1.5 kW
- o Rated stator voltage.....400V
- o Stator current at 100% load.....3.48 [A]
- o Number of poles.....4
- o Rated speed.....1407 rev/min
- o Rated frequency.....50 Hz
- o Efficiency at 100% load.....78.8%
- o Power factor at 100% load.....0.79
- o Break-down torque.....2.5 x Mn
- o Locked rotor torque.....2.3 x Mn
- o Locked rotor current.....4.6 x In
- o Rotor inertia.....0.00504 kgm²
- o Insulation class.....F
- o Direction of rotation.....Both(CW&CCW)
- o Protection degree.....≥IP55
- o Mounting.....IM
- o Cooling method.....IC 411
- o Max. ambient temperature.....+40°C
- o Altitude.....1000m
- o Bearing type.....6305 2Z drive end
6305 2Z non drive end
- o Weight.....32 Kg
- o Outline drawing.....Page 2
- o Vibration level :.....A (acc.IEC 60034-14)
- o Noise levelacc.IEC 60034-9
- o Cable entries.....1xM25x1.5
- o Climate executionN

**The overall and mounting dimensions
IM 1001**



Frame size	Dimensions (mm)																				
	Foot mounting										Shaft extension					HD	AC	L	a	b	c
90L-4	A	B	C	H _{0.5}	K	AA	AB	BB	BC	HA	D	E	F	GA	d						
	140	125	56	90	10	40	180	172	39.5	13	24j6	50	8h9	27	M8	272	177	361	140	125	120

Frame size	Dimensions (mm)																		
	Flange mounting (B5)					Shaft extension					HD1	AC	LA	LB	L	L1	a	b	c
90L-4	N	M	P	S	T	D	E	F	GA	d									
	130j6	165	200	12	3.5	24j6	50	8h9	27	M8	182	177	10	311	361	392	140	125	120

Frame size	Flange	Dimensions (mm)													
		Flange mounting (B14)					Shaft extension		HD1	AC	LB	L	a	b	c
90L-4		N	M	P	S	T	D	E							
	F115	95j6	115	140	M8	3	24j6	50	182	177	311	361	140	125	120
	F130	110j6	130	160	M8	3.5									

Frame size	Dimensions (mm)																				
	Foot mounting					Flange mounting					Shaft extension					HD	L	L1	a	b	c
90L-4	A	B	C	H _{0,5}	K	N	M	P	S	T	D	E	F	GA	d						
		140	125	56	90	10	130j6	165	200	12	3.5	24j6	50	8h9	27	M8	272	361	392	140	125