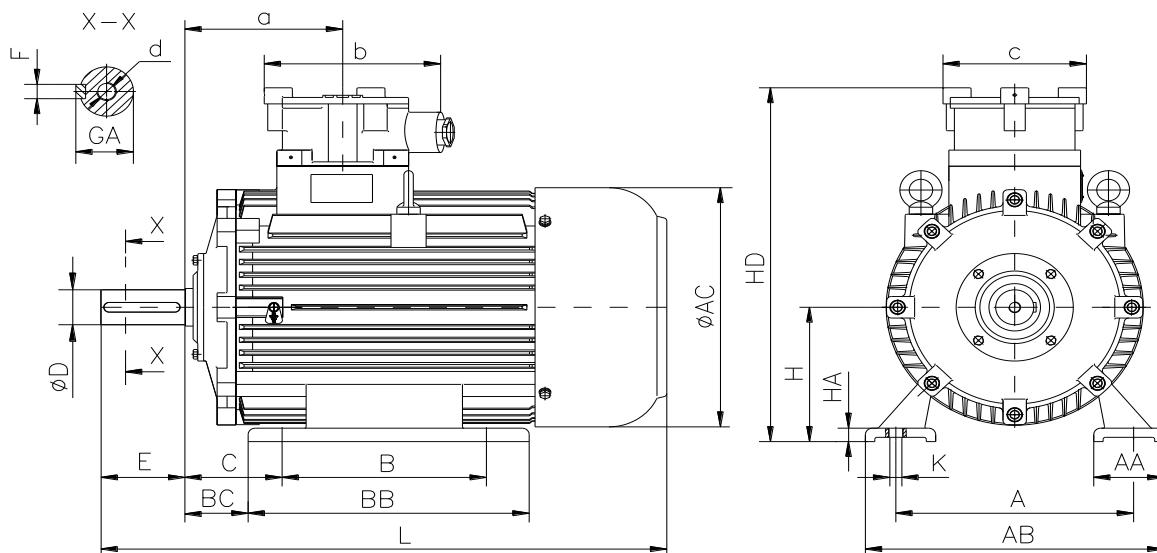


UMEB-S.A	Three-phase squirrel cage induction motors in flameproof enclosure Ex d IIC T4 or Ex de II CT4 type E3-ASA 315S-4 110kW, 1500rev/min	Page 1/2
DATA SHEET		
○ Type.....	E3-ASA 315S-4	
○ Reference standard.....	IEC 60034-1; 60034-30 EN 60079-0 EN 60079-1 EN 60079-7	
○ Rated output.....	110 kW	
○ Rated stator voltage.....	400 V D	
○ Rated frequency.....	50 Hz	
○ Stator current at 100% load.....	186 A	
○ Rated duty.....	S1	
○ Number of poles.....	4	
○ Rated speed.....	1477 rev/min	
○ Efficiency at 100%, 75%, 50%	95.49%, 95.2%, 94.3%	
○ Power factor at 100% load.....	0.89	
○ Break-down torque.....	3.5 x Mn	
○ Locked rotor torque.....	2.5 x Mn	
○ Locked rotor current.....	8 x In	
○ Rotor inertia.....	1.9063 kgm ²	
○ Insulation class.....	F	
○ Direction of rotation.....	Both (CW&CCW)	
○ Protection degree.....	IP55	
○ Mounting.....	IMB35	
○ Cooling method.....	IC 411	
○ Ambient temperature.....	-20°C ... +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]	
○ Replenishing interval.....	3500 [hrs]	
○ Grease quantity	37g - DE bearing 30g - NDE bearing	
○ Thermal winding protection.....	3xPTC	
○ Weight.....	863 kg	
○ Outline drawing.....	Page 3	
○ 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													
315 S-4	A	B	C	H _{0,5}	K	AA	AB	BB	BC	HA	D	E	F	GA	d	HD	AC	L	a	b	c
	508	406	216	315	28	130	630	528	155.5	30	80m6	170	22h9	85	M20	826	560	1275	300	340	300