

ARKA LOW VOLTAGE 3-PHASE ASYNCHRONOUS MOTOR

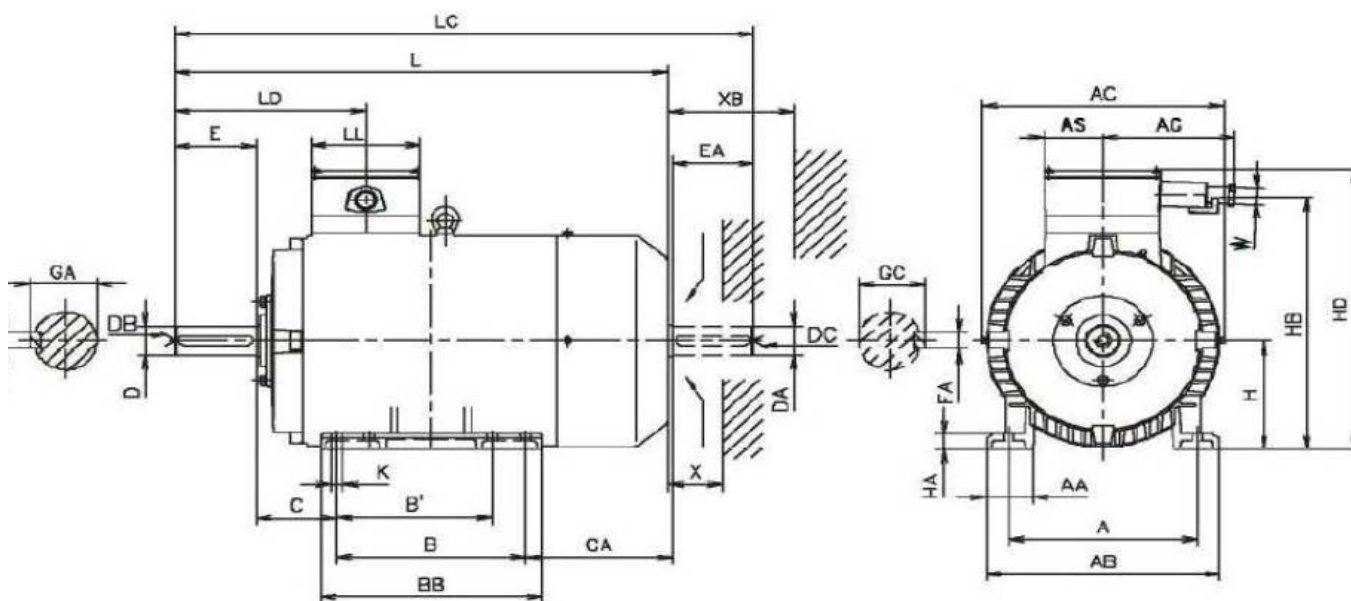
FAN COOLED MOTOR

- Basic technical parameters for rated speed 1450rpm, 2900rpm
- Degree of protection IP54/IP55
- Cooling IC411
- Feedbacksystem BMH-sensorbearing

Framesize	Power output P_2 [kW]	Torque M_n [Nm]	Rated Speed $n_{nom.}$ [rpm]	Voltage U_{DC} [V]	Mass [kg]	Feedback [ppr]
AM112M	4,5	29,7		48	59	64
AM132M	7,5	49,4		48	100	80
AM160M	10	65,9		80	120	80
AM160L	15	98,8		80	145	80
AM180M	18,5	121,8		80	180	80
AM112M	4,5	14,8		48	55	64
AM132M	7,5	24,7		48	81	80
AM160M	10	32,9		80	110	80
AM160L	15	49,4		80	130	80
AM180M	18,5	60,9		80	150	80

BASIC DIMENSIONS (mm)

- Degree of protection IP54/55, cooling IC411, self ventilation



Framesize	A	AA	AB	AC	AG	AS	B	B'	BB	C	CA	H	HA	HB	HD	K
AM100L	160	40	200	200	130	50	140	-	175	63	145	100	12	265	305	13
AM112M	190	50	230	242	165	74	140	-	180	70	185	112	15	288	335	
AM132M	216	55	260	290	165	74	178	140	218	89	204	132	17	330	377	
AM160M	254	63	314	328	200	80	210	-	254	108	204	160	22	370	455	15
AM160L							254	210	298							
AM180M	279	66	342	364	205	95	279	241	322	121	252	180		420	486	

Framesize	L	LC	LD	LL	W	X	XB	D	DB	DC	E	GA	F	DA	GC	FA
AM100L	397	468	157	100	∅13-16	50	100	28k6	M10	M10	60	31	8h9	29k6	31	8h9
AM112M	445	515	196	147	∅17-20	55	130	38k6	M12	M12	80	41	10h9	38k6	41	10h9
AM132M	539	631	222													
AM160M	613	742	280	160	∅23-26	60	150	42k6	M16	M16	110	45	12h9	42k6	45	12h9
AM160L	657	786														
AM180M	705	834	302	190		70		48k6				51,5	14h9	48k6	51,5	14h9