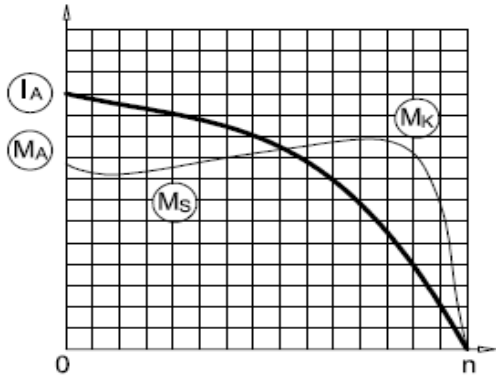
AGM2E 132 S 2b

IE2

GAMAK

3-Phase 400 V (Δ) 50 Hz

Duty Type	: S1
Degree of protection	: IP 55 (TEFC)
Insulation class	: F (155 °C)
Temp rise	: Class B (80K)
Mounting Design	: B3



ELECTRICAL DESIGN

Rated output (kW)	: 7.5
Speed (rpm)	: 2910
Rated current (A)	: 13.6
Torque – Mn (Nm)	: 24.6
Cos φ	: 0.90

	4/4	3/4	1/2
Efficiency %	: 88.5	88.5	87.9

Moment of inertia J (kgm)² : 0.014

Direct On Line

Locked rotor Current – Ia (A)	: 98
Ia / In	: 7.2
Locked rotor Torque – Ma (Nm)	: 74
Ma / Mn	: 3.0

Y / Δ Starting

Locked rotor Current – Ia (A)	: 31
Ia / In	: 2.3
Locked rotor Torque – Ma (Nm)	: 25
Ma / Mn	: 1.0
Breakdown Torque – Mk (Nm)	: 84
Mk / Mn	: 3.4

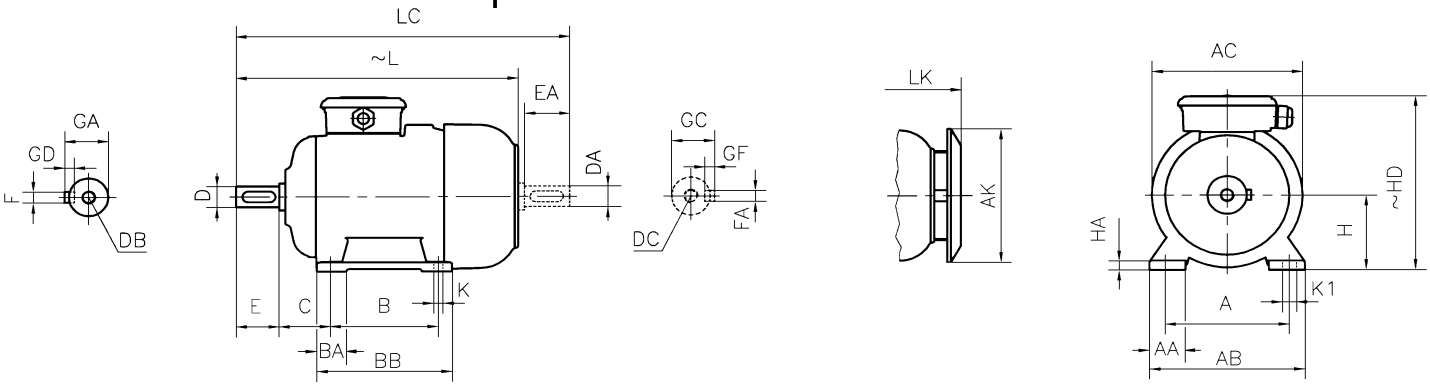
MECHANICAL DESIGN

Frame	: Aluminium
End shields	: Aluminium
Cooling fan	: Plastic
Terminal box	: Plastic
Cable gland	: Pg 21
No of cable glands	: 2

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6208 ZZ	6208 ZZ
Reinforced design	NU 208 E	6028 C3

Noise Level (dB-A)	: 66
Paint	: RAL 7031- Grey
Approximate weight (kg)	: 44



DIMENSIONS

Dimensions of foot mounted motors for mounting arrangement : B3, B6, B7, B8, B15, V5, V6																						
H	HD ~	HA	A	AA	AB	ØAC	ØAK	K	K1	B	B'	BA	BA'	BB	L ~	LC	LK ~	C	E EA	DB DC	ØD ØDA	GA GC	FxGD FAXGF
132	300	15	216	49	260	257	239	12	18	140	-	46	-	180	460	546	497	89	80	M12	38	41	10X8

* Efficiencies are calculated according to indirect method where the additional load losses are determined from exact measurements at different load points.