

Three Phase Squirrel Cage Induction Motor



Electrical Data

RATED VALUES							STARTING VALUES				BREAKDOWN	EFFICIENCY			EFFICIENCY CLASS
VOLTAGE	POWER		SPEED	CURRENT	TORQUE	Cos Φ	CURRENT		TORQUE		TORQUE	%			IEC 60034-30-1
V	kW	Hz	rpm	A	Nm	4/4	I _A / I _N Y D	M _A / M _N Y D	Mk/ Mn Nm			4/4	3/4	2/4	IE
400/690	5,5	50	1470	11,0/6,35	35,76	0,81	2,8 8,497	0,7 1,98	3,8			IE3-89,6%	89,1	87,6	IE3
460/795	6,33	60	1770	10,7/6,2	34,15	0,83	2,7 8,242	0,6 1,88	3,7			-	-	-	

Mechanical Data

Bearing DE	6208-ZZ	Color	RAL 9005
Bearing NDE	6208-ZZ	Motor protection	-
Lubricants	Shell Gadus S5 V220-2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Aluminium
Vibration class	A	Terminal plate thread	M6
Insulation Class	F	Cable gland	1xM32
Duty type	S1	Clamping range	18-25 mm
Direction of rotation	Clockwise	Mounting type	IM 3001 (B5)
Housing material	Aluminium		
Type of balancing	Half Key		

Environmental Data

Others

Ambient Temperature	-20 / + 40 °C	Type of protection	IP 55
Altitude above sea level	1000 m	Sound Pressure Level 50/60Hz dBA	60
		Moment of Inertia (kg.mm2)	0,0356042
		Standard	IEC 60034-1