



WAT Motor
Sanayi ve Ticaret A.Ş.



Three Phase Squirrel Cage Induction Motor

Motor Type: Q3HGPA280M6D

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	55	50	991	107.3/62.0	530,0	0,78		5,70		2,10	3,30	94,1	94	92,6	IE3
460/795	55	60	1193	93.5/54.1	440,2	0,78		5,40		2,30	4,40	94,5	94,4	93	IE3

Mechanical Data

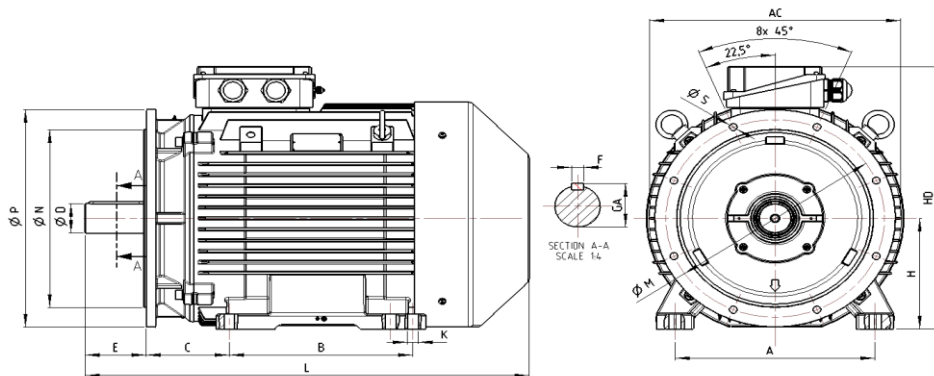
Bearing DE	6317 C3	Color	Optional
Bearing NDE	6317 C3	Motor protection	Optional
Lubricants	SHELL GADUS S5 V100 2	Method of cooling	IC 411
Condensation drain hole	No	Terminal box position	Top
External earthing terminal	Yes	Material of terminal box	Cast Iron
Vibration class	A	Terminal plate thread	M10
Insulation class	H	Cable gland	2xM50
Duty type	S1	Clamping range	30-38 mm
Direction of rotation	Clockwise	Mounting type	IM 2001 (B35)
Housing material	Cast Iron		
Type of balancing	Half Key		

Enviromental Data

Others

Ambient temperature	-20 / + 40 °C	Type of protection	IP56
Altitude above sea level	1000 m	Sound pressure level 50/60Hz	dBA 70
		Moment of inertia (kgm ²)	1,84140
		Standard	IEC 60034-1
		Weight (kg)	

Dimensions



Main Dimensions		Foot Mounted Motors							Shaft		Flange Mounted Motors				
AC	L	B	A	H	HD	K	C	D	E	GA	F	P	N	M	S
574	1021	419	457	280	664	24	190	75	140	79,5	20	550	450	500	18,5