



MOTOR DATA SHEET

MOTOR PART CODE:

280.023TECCB3-IE2

FRAME SIZE:

355L1-2

50Hz

Output (kW)	280
Rotation Speed (rpm)	2960
Voltage	400/690
Full Load Current (A)	472.68/272.9
Full Load Torque (Nm)	903.4

60Hz

Output (kW)	336
Rotation Speed (rpm)	3552
Voltage	480/828
Full Load Current (A)	472.68/272.9
Full Load Torque (Nm)	752.83

Efficiency Data

100%	75%	50%
95	95.6	93.9

Factory Reference	T2C 355L1-2
Tst/Tn (times)	1.8
Tmax/Tn	2.3
Noise (dB)	103
Moment of inertia	3.47911
Type of feet	Fixed feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M63× 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6319 C3

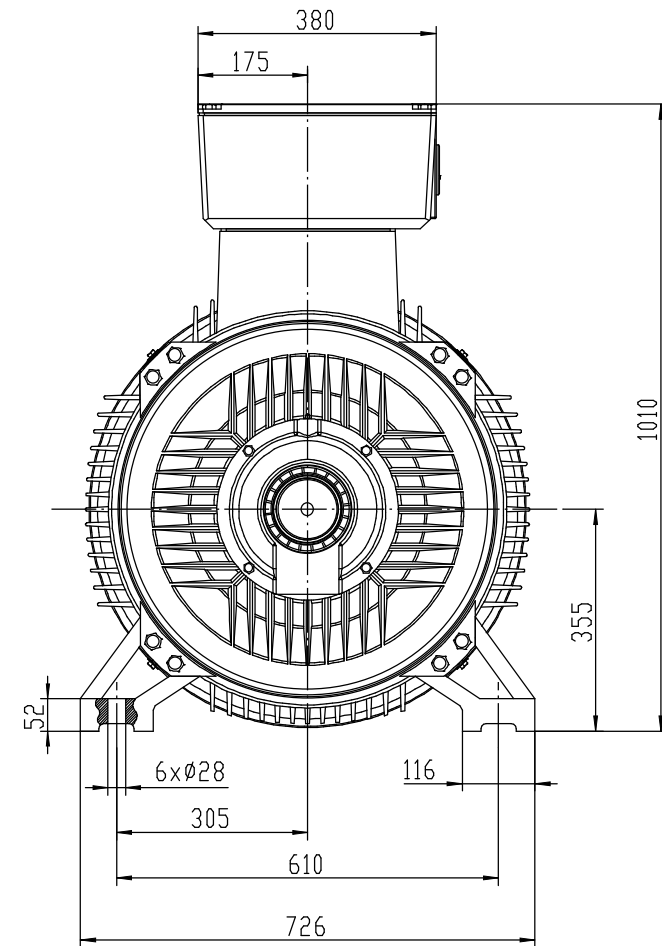
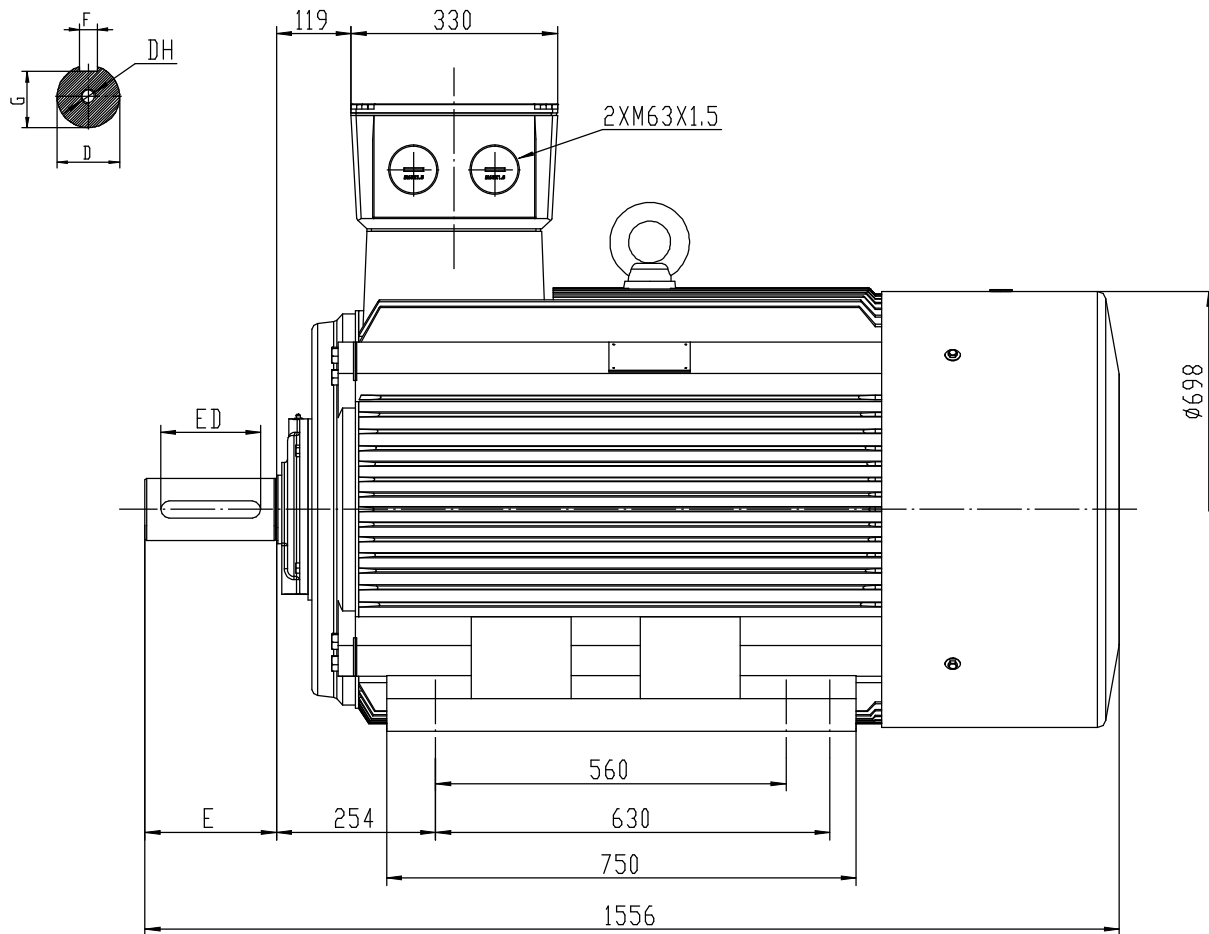
Power Factor (cos)	0.9
Tmin/Tn	1.3
Ist/In (Times)	5.5
Net Weight (Kg)	1715
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6319 C3

Motors designed and manufactured in accordance with:

**IEC 60034
IEC 60038
IEC 60072
2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS 2)**

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TEC Electric Motors Ltd. reserves the right to amend or change motor designs or data sheet information



TYPE	D	E	F	G	DH	ED	L	
Y2-355M/L-2P	Ø75	140	20 _{-0.043}	68	M20x42	110	1500	
Y2-355M/L-4/6/8P	Ø100	210	28 _{-0.052}	90	M24x50	160	1570	

Drawn By	Date	TC 355ML2 B3
A442313	27/11/2017	
Approved by	Date	
L. Overton	27/11/2017	
Issue No =	Date	 www.tecmotors.co.uk
BM01/A001	27/11/2017	