



MOTOR DATA SHEET

MOTOR PART CODE:

280.043TECCB3-IE3

FRAME SIZE:

355L1-4

50Hz

Output (kW)	280
Rotation Speed (rpm)	1480
Voltage	400/690
Full Load Current (A)	473.02 273.09
Full Load Torque (Nm)	1806.8

60Hz

Output (kW)	336
Rotation Speed (rpm)	1776
Voltage	480 828
Full Load Current (A)	473.02 273.09
Full Load Torque (Nm)	1505.67

Efficiency Data

100%	75%	50%
96	96.4	95.4

Factory Reference	T3C 355L1-4
Tst/Tn (times)	2
Tmax/Tn	2.3
Noise (dB)	101
Moment of inertia	8.31927
Type of feet	Fixed feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M63× 1.5
Paint Colour	RAL 7024
Efficiency	IE3
Bearing (DE)	NU322 C3

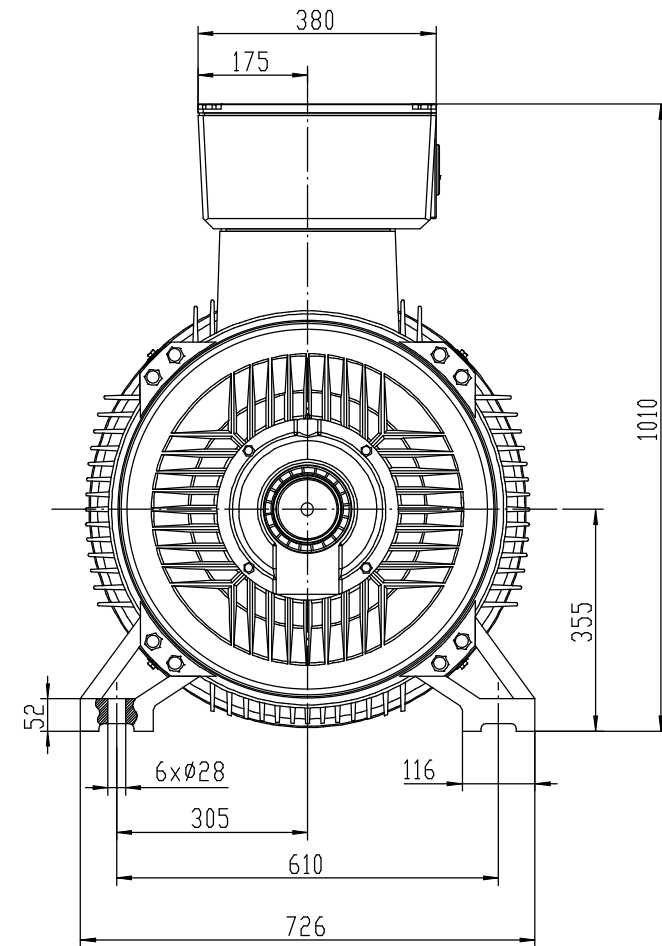
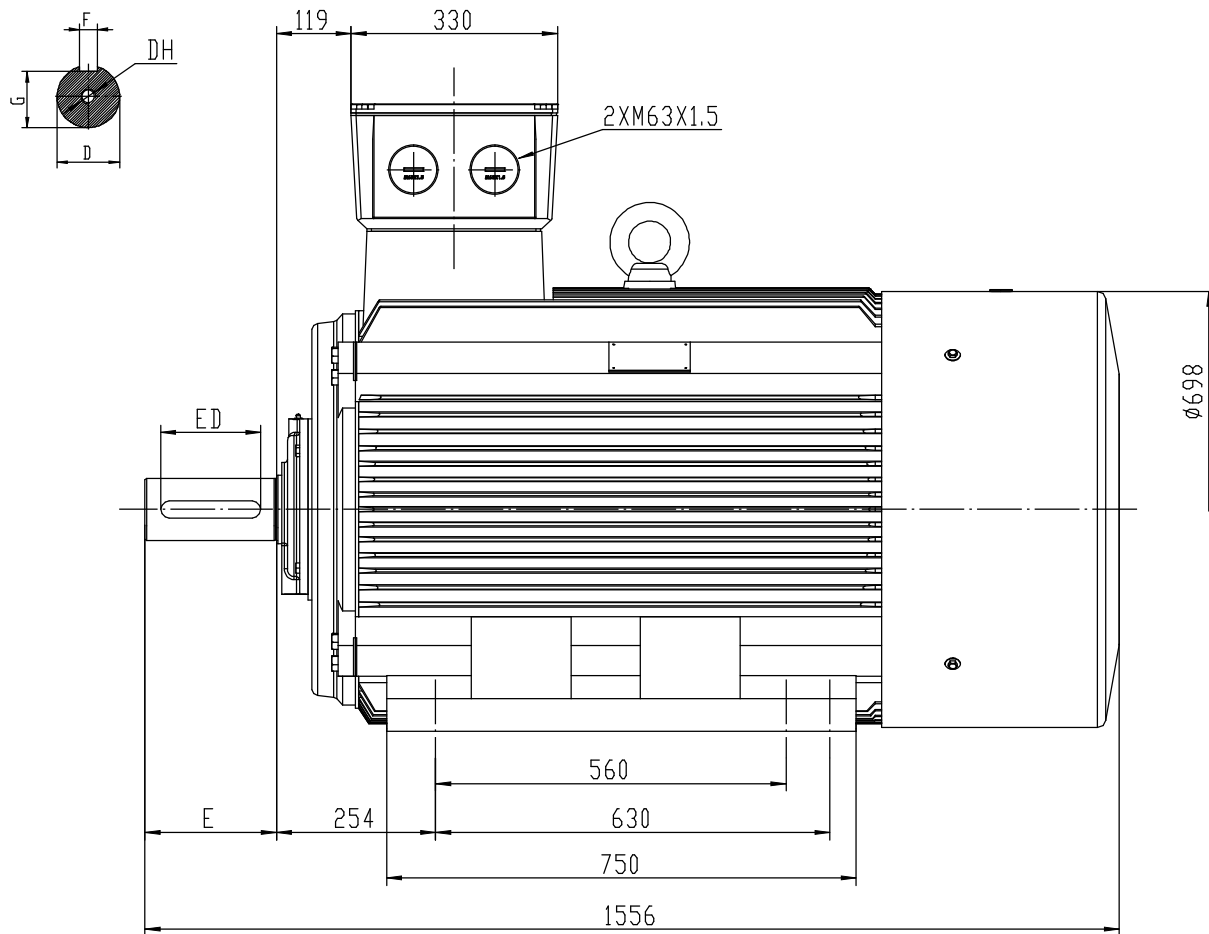
Power Factor (cos)	0.89
Tmin/Tn	1.3
Ist/In (Times)	8
Net Weight (Kg)	1650
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6322 C3

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)**

www.tecmotors.co.uk

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 355ML4 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	