



MOTOR DATA SHEET

MOTOR PART CODE:

280.023TECCB3-IE3

FRAME SIZE:

355L1-2

50Hz

Output (kW)	280
Rotation Speed (rpm)	2960
Voltage	400/690
Full Load Current (A)	502.22 289.95
Full Load Torque (Nm)	903.4

60Hz

Output (kW)	336
Rotation Speed (rpm)	3552
Voltage	480 828
Full Load Current (A)	502.22 289.95
Full Load Torque (Nm)	752.83

Efficiency Data

100%	75%	50%
95.8	96.2	94.8

Factory Reference	T3C 355L1-2
Tst/Tn (times)	2
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	IE3
Bearing (DE)	6319 C3

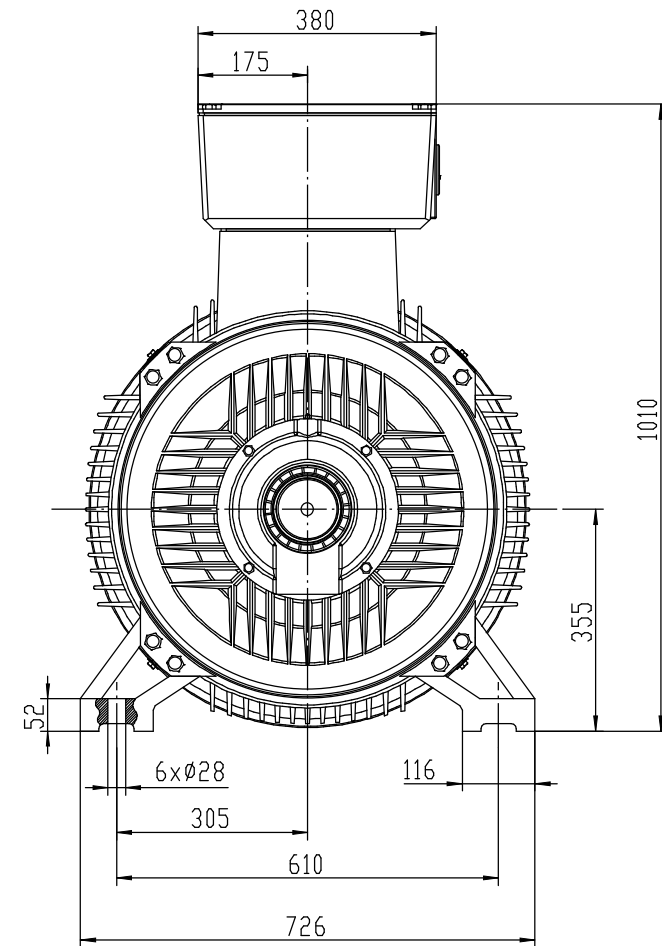
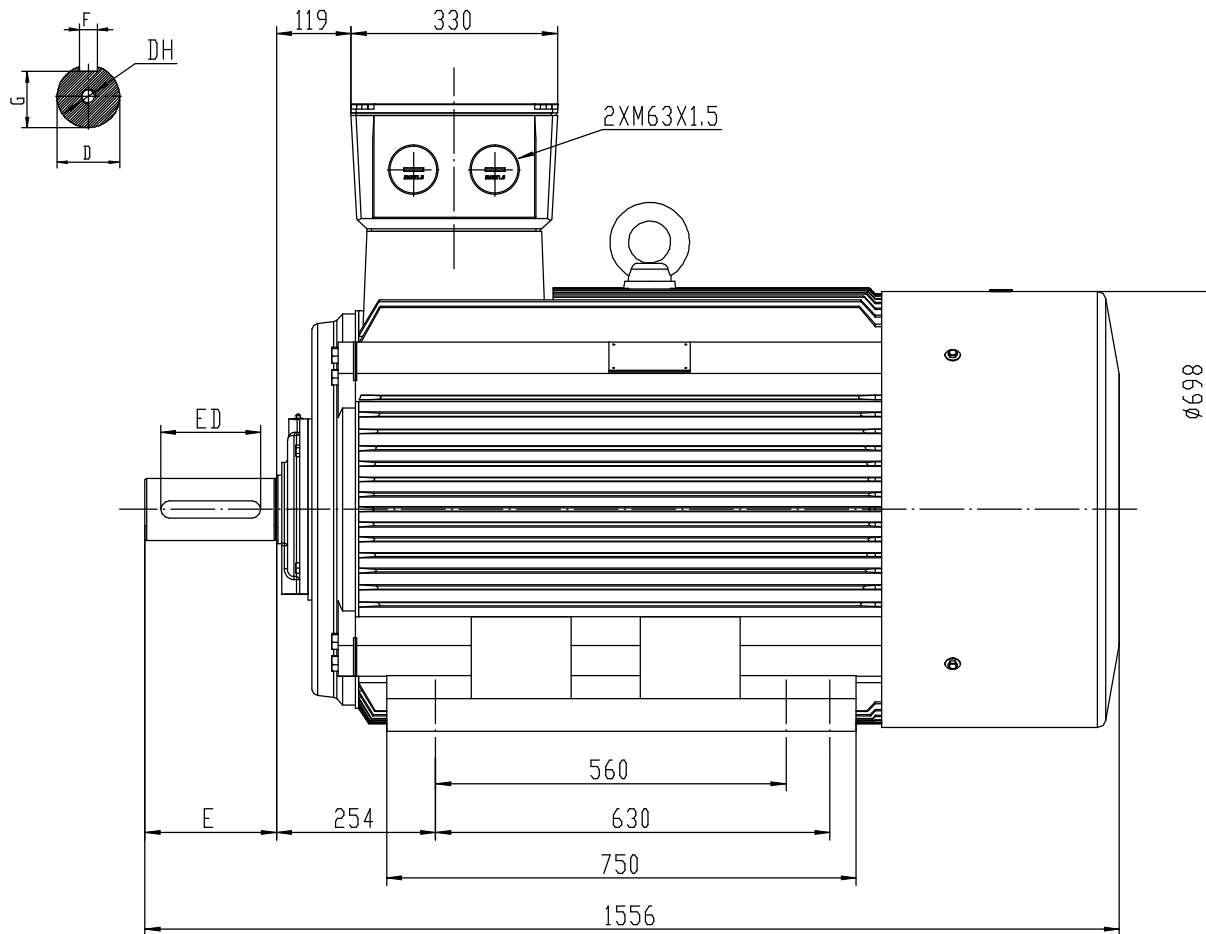
Power Factor (cos)	0.84
Tmin/Tn	1.5
Ist/In (Times)	6.5
Net Weight (Kg)	1715
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6319 C3

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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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  www.tecmotors.co.uk
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Approved by	Date	
L. Overton	27/11/2017	
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