



MOTOR DATA SHEET

MOTOR PART CODE:

160.083TECCB35

FRAME SIZE:

355M2-8

50Hz

Output (kW)	160
Rotation Speed (rpm)	740
Voltage	400 690
Full Load Current (A)	298.97 172.61
Full Load Torque (Nm)	2064.864865

60Hz

Output (kW)	192
Rotation Speed (rpm)	888
Voltage	480 828
Full Load Current (A)	298.97 172.61
Full Load Torque (Nm)	1720.72

Efficiency Data

100%	75%	50%
94.2	93.6	92.3

Factory Reference	T1C 355M2-8
Tst/Tn (times)	1.8
Tmax/Tn	2
Noise (dB)	90
Moment of inertia	10.04236
Type of feet	fixed feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M63× 1.5
Paint Colour	RAL 7024
Efficiency	IE1
Bearing (DE)	NU322 C3

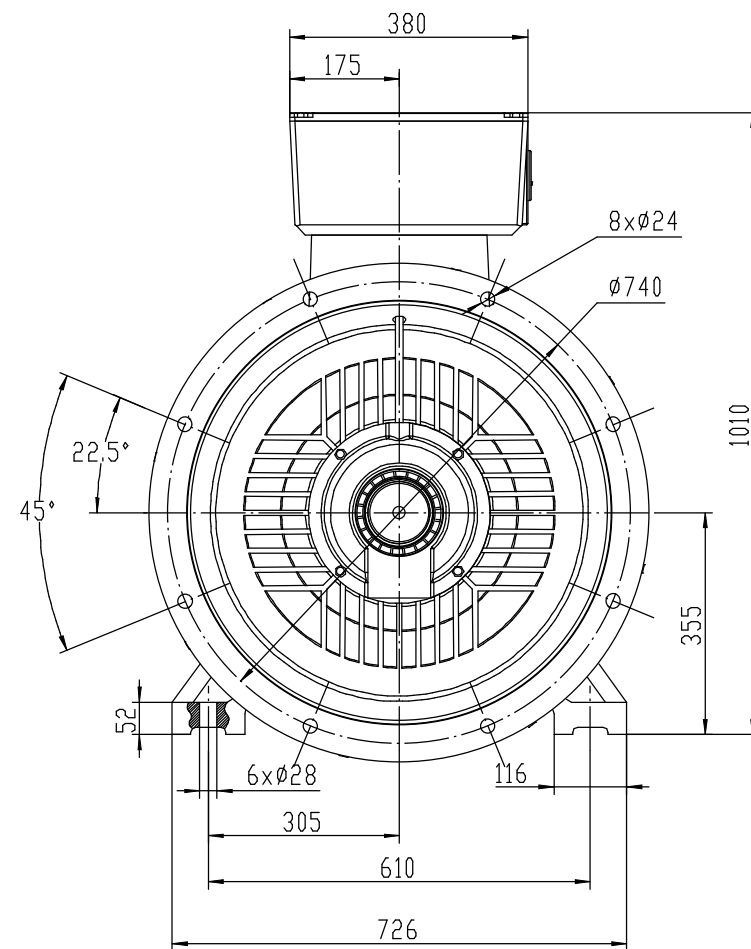
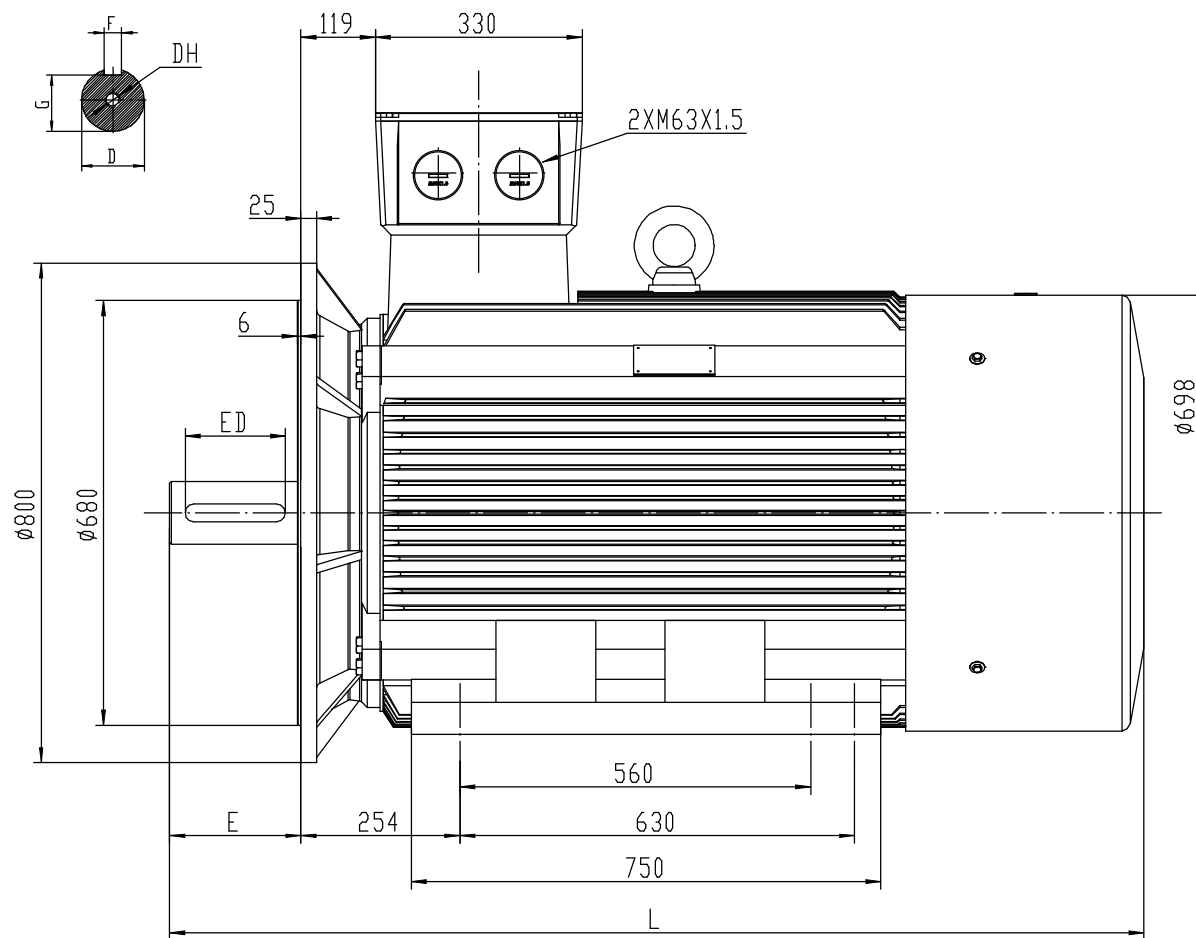
Power Factor (cos)	0.82
Tmin/Tn	1
Ist/In (Times)	6.4
Net Weight (Kg)	1592
Housing material	Cast iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6322 C3

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)**

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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	Ø95	170	25-0.052	86	M24x50	140	1530	short shaft
Y2-355M/L-4/6/8P	Ø100	210	28-0.052	90	M24x50	160	1570	Long shaft

Drawn By	Date
A442313	27/11/2017
Approved by	Date
L. Overton	27/11/2017
Issue No =	Date
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