



Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 280S6
Rated power	45 kW S1 Duty
Speed	985 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	80.6 A / 46.7 A
No-load current	
Enclosure	IP55
Insulation class	F (temp. rise B)
Max. ambient temp	40 °C
Max. altitude	1000 mtr above sea level
Comment	
Cable entry	M63 x 1.5
Construction	Cast Iron
Weight	499 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	93.7 %
Power factor	0.86
Sound pressure level (1m)	78 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	436.3 Nm
Starting / Full load torque	2
Pull up / Full load torque	
Pull out / Full load torque	2.3

Starting / Full load current (DOL)	6.5
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6317
Bearing NDE	6314

AmTecs Ltd	
Charnham Park, Hungerford Berkshire, RG17 0YT	
Tel: +44 (0) 1488 686970	sales@amtecs.co.uk
Fax: +44 (0) 1488 686968	www.amtecs.co.uk