



## Technical Data of ABB Motor

Customer	Ruhrpumpen- Iceland project
Application	Injection pumps
Type	E2BA355SMA4
Output	200 kW
Quantity	1
Duty type	S1
Supply	400 V $\pm$ 10% 50 Hz $\pm$ 5%
Full load speed	1486 r/min
Full load current	333 A
Locked rotor current (Is/In)	7.0
Full load torque	1285 Nm
Locked rotor torque (Ts/Tn)	2.1
Breakdown torque (Tmax/Tn)	2.5
Efficiency - full load	95.1 %
Efficiency - 3/4 load	95.1 %
Efficiency - 1/2 load	94.1 %
Power factor - full load	0.88
Power factor - 3/4 load	0.83
Power factor - 1/2 load	0.75
Insulation class	F
Ambient temperature	50 Deg C
Temperature rise	70 Deg C
Type of enclosure & cooling	TEFC/IC411
Degree of protection	IP55
Motor GD2	26.5 kgm <sup>2</sup>
Weight	1620 kg
Bearing DS	6322C3
Bearing NDS	6319C3
Thermal Withstand Time Hot	60 sec
Thermal Withstand Time Cold	122 sec
Applicable standards	IS:12615:2011
B3(Foot) mounting	
DOL starting	
VPI, Dual coated winding,	

Note:All performance figures are subject to IS tolerances.

Noise level - 85 db 1m on no load  
Vibration level as per IS 12075  
VPI treated windings and Insulated bearing at NDE  
6 Nos PTC Thermistors in winding  
Space heater in stator  
C4M Paint procedure