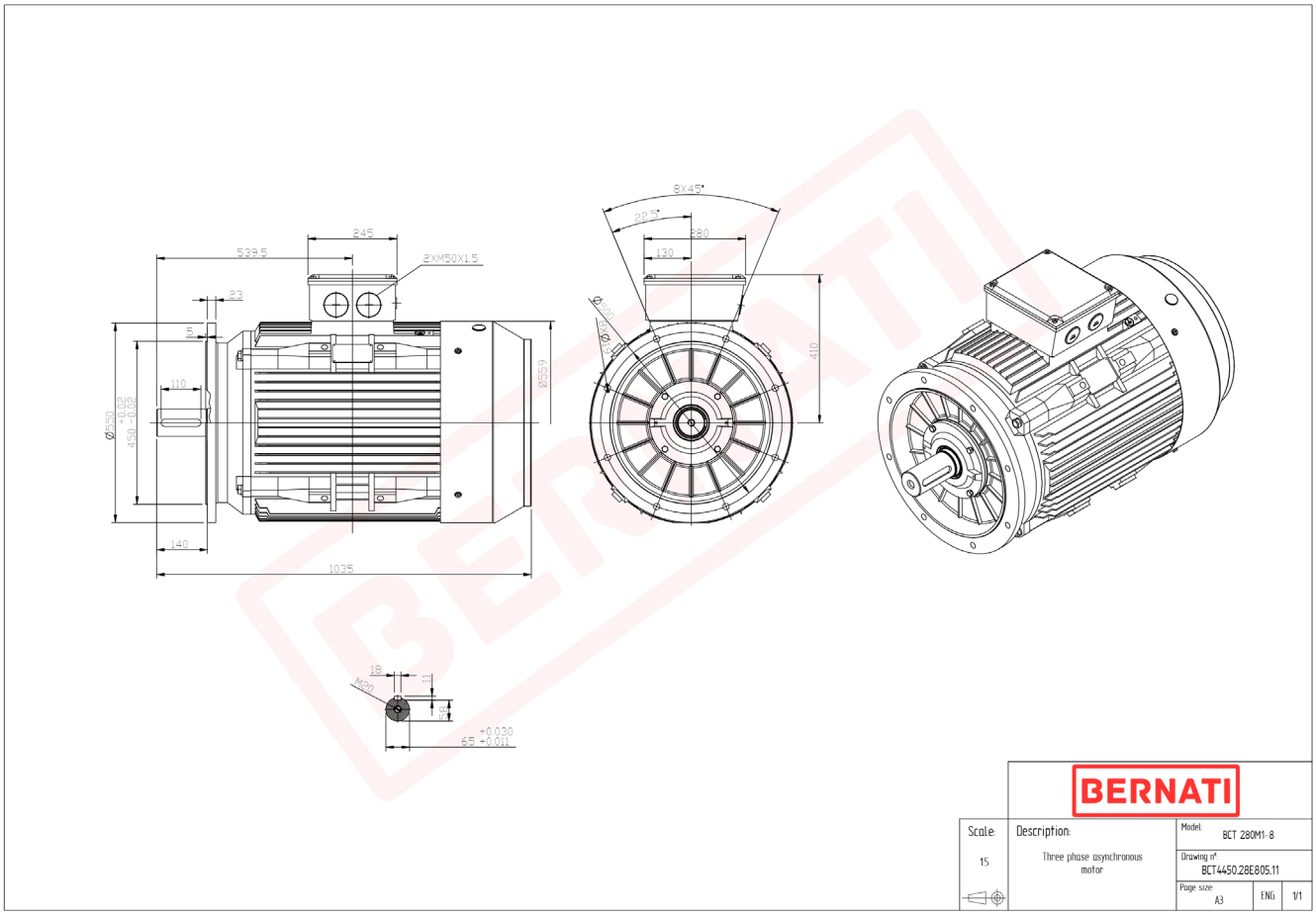
Technical Datasheet

BCT Series - Cast iron frame three phase low voltage electric motor



BCT

Product Code	BCT4450.28E805.11
Motor Type/Frame	BCT 280M1-8
Mounting	IM B5
Efficiency Class	IE4
Output Power (kW)	45.00
Speed (rpm)	740
Tension (V)	230/400
Frequency (Hz)	50
Current (A)	89.20
Power factor (Cos Ø)	0.80
Poles	8
Insulation Class	F
IP Class	IP55
50% Efficiency	93.3
75% Efficiency	93.6
100% Efficiency	93.4
Torque (Nm)	581.00
Tstart / Tnominal	1.80
Istart / Inominal	7.90
Tmax / Tnominal	2.00
Noise (dB)	76
PTC Thermistor	PTC 130
Weight (Kg)	575
DE Bearing	6316 C3
NDE Bearing	6316 C3