



FILTERMIST

MOTOR DATA SHEET

POWER:	2.2kW
TYPE:	Q3EFB90L2D42-UL
FRAME:	90
SPEED:	2900 rpm @ 50Hz 3480 rpm @ 60Hz
SUPPLY:	3ph, Dual Hz Multi voltage Refer to voltage/Hz chart
EFFICIENCY CLASS:	IE3
RATED CURRENT:	Low Voltage (50/60) – 8.8/9.4A High voltage (50/60) – 4.4/4.7A
START UP CURRENT:	73.2 (YY) / 36.6 (Y)
NO LOAD CURRENT:	3.9 (YY) / 1.95 (Y)
CONNECTION:	YY - Low voltage Y - High
MOUNTING:	Face Mounting
ENCLOSURE:	IP55
TERMINAL BOX:	As per Drawing
CABLE GLAND:	M25
HOT LOCKED ROTOR TEST:	27.56Nm
PAINT FINISH:	Black RAL9011
INSULATION CLASS:	F
TEMPERATURE RISE:	B
DUTY:	S2 40min
SHAFT BALANCE:	Half key balance
SHAFT CONCENTRICITY:	Normal (according to DIN 42955)
BEARING SIZE NDE:	6205
BEARING SIZE DE:	6305
NOISE LEVEL:	62 dB(A)
SERVICE FACTOR:	1.15
POWER FACTOR:	0.86
WEIGHT:	18.3

DATE: April 2014