TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
> 4000	± 3

REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

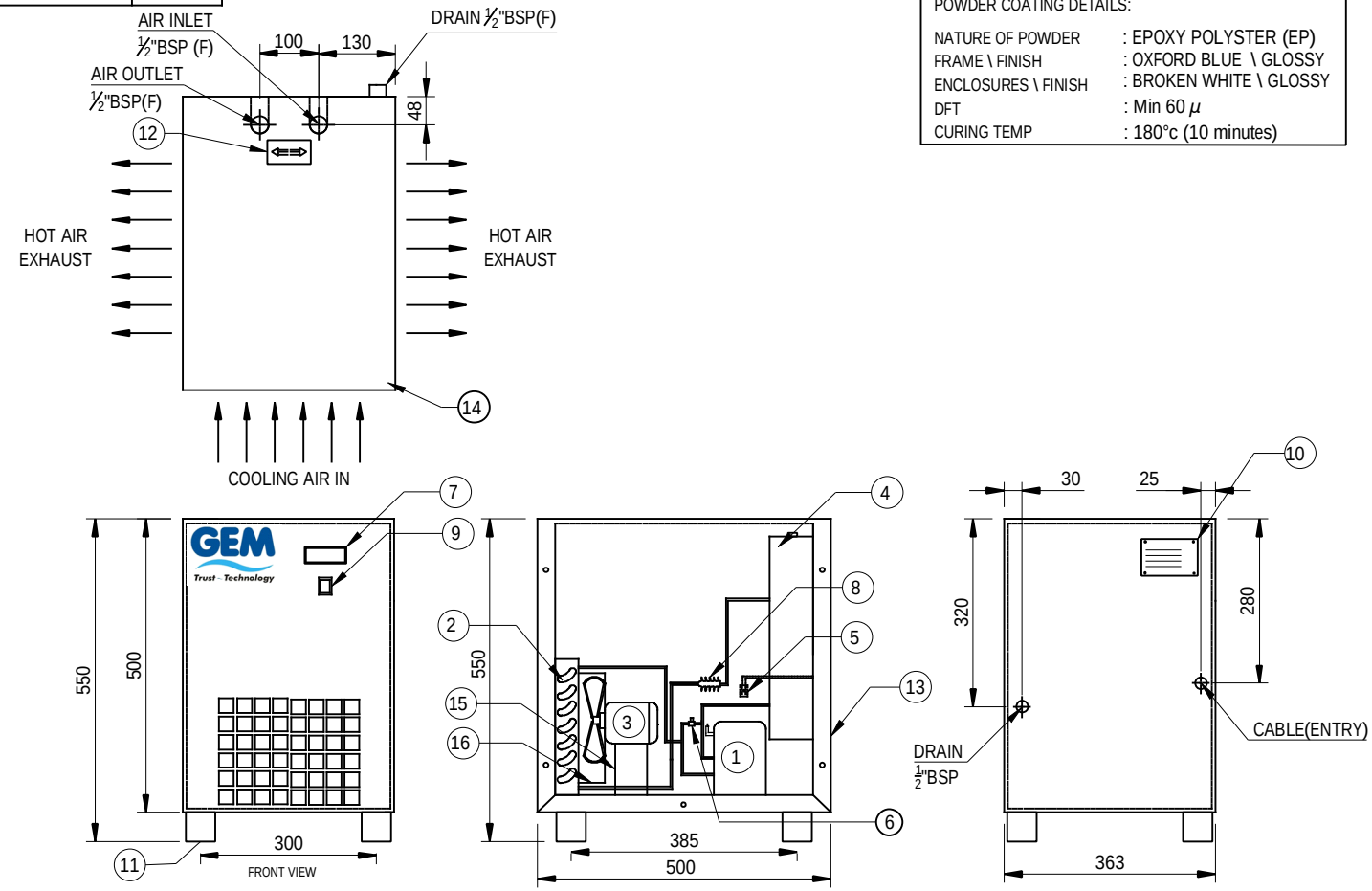
S.NO	CAPACITY CFM	CAPILLARY TUBE PART CODE	COMPRESSOR		POWER RATING kW	RECOMMENDED MCB RATING Amps
			PART CODE	DESCRIPTION		
1	20	9025 06	1450 09	KCE419HAG\ECZ421	0.245	2.0
2	40	9025 04	1450 03	KCE432HAG\ECZ431	0.375	4.0

POWDER COATING DETAILS:

NATURE OF POWDER	: EPOXY POLYSTER (EP)
FRAME \ FINISH	: OXFORD BLUE \ GLOSSY
ENCLOSURES \ FINISH	: BROKEN WHITE \ GLOSSY
DFT	: Min 60 μ
CURING TEMP	: 180°c (10 minutes)

SPECIFICATION :

MODEL	: 2KD 002 /004
CAPACITY	: 20,40 CFM
WORKING PRESSURE	: 7-16 Kg/cm^2(g)
INLET TEMPERATURE	: 45°C (max)
OUTLET TEMPERATURE	: 30-35°C
AMBIENT TEMPERATURE	: 40°C (max)
IN/OUTLET SIZE	: 1/2"BSP(F)
OUTLET DEWPOINT	: +2°C TO +4°C
REFRIGERANT USED	: R134a
ELECTRICAL	: 220v±10%,50Hz,1Ph
DESIGN CODE	: IS 2825
DESIGN PRESSURE	: 17.6 Kg/cm^2(g)
HYD. TEST PRESSURE	: 26.4 Kg/cm^2(g)



S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE/ MATERIAL
16	1005	FAN SHROUD 20/40 CFM	1	GI
15	1004	FAN MOTOR STAND	1	CRCA
14	1003	TOP COVER	1	CRCA
13	1001	BOTTOM COVER WELDMENT	1	CRCA
12	7053 54	STICKER SET	1	CRYSTAL
11	8312 04	MOUNTING BUSH	4	GEM
10	1761 00	NAME PLATE REF DRYER	1	ALUMINIUM
9	3150 02	SWITCH - ON/OFF	1	TEKNIC
8	REF.TABLE	CAPILLARY TUBE	1	GEM
7	1728 00	TEMPERATURE CONTROLLER	1	SUBZERO
6	1059 01	HOT GAS SOLENOID VALVE (1/4")	1	DANFOSS
5	4396 01	AUTO DRAIN VALVE(GZ-LD)	1	GEM
4	4378 41	ALUMINIUM HEAT EXCHANGER WITH BUILT IN MOISTURE SEPARATOR	1	GEM
3	1820 04/ 1821 01	FAN LEAF Ø230mm FAN MOTOR (Ø230mm)	1	EBM
2	1142 18	CONDENSER (11"X10"X3R)	1	GEM
1	REF.TABLE	COMPRESSOR	1	ECL

NOTE:
REFER P&I DIAGRAM DRG.NO : 1006
REFER WIRING DIAGRAM DRG.NO : 1007
REFER BOM.NO : 002001/002006

NOTE:
1. EXTENSION CABLE SHOULD BE SUPPLIED WITH 1m LONG
2. CABLE SIZE : 1sq.mm
3. 3 WIRE SYSTEM : P, N, E

NO FOUNDATION REQUIRED

REV.NO	DATE	REVISION DETAILS	ALT. BY	CHKD. BY	APPD. BY	AREA	DCR.No
2	29.07.16	POWDER COATIG DETAIL IS ADDED.	NAVEEN L				
1	18.07.15	ADDITIONAL INFORMATIONS ADDED AND FAN MOTOR CHANGED TO Ø230mm-EBM MAKE					10293

	NAME / SIGN	DATE
DESIGN	SARAVANAN/GOWTHAM	07.02.15
DRAWN	GOWTHAM	24.06.15
CHKD.		
APPD.		

MACHINED SURFACE AS PER IS : 2102(Med.)

PROPERTY MATERIAL

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GEM EQUIPMENTS (P) LTD
COIMBATORE - 641 407

TITLE
GA DRAWING
2KD002/004(GLOBAL SERIES)

DRAWING No. 1000
REV. 2

A4 | ALL DIMENSIONS ARE IN mm | SCALE NTS | SHEET 1 OF 1

F/DSN/022

FILE PATH-Design\Drawings\Product Master Documents\2KD Global - Refrigerant Dryers\Current Documents\2KD 002-004\1000 2KD 002-004 GLOBAL GA