

MOTOR			
MODEL	RDB-B2151	RDB-B2152	RDB-B2153
DIM "LB"	226,05 [8.90]	260,05 [10.24]	294,05 [11.58]
DIM "LD"	165,70 [6.524]	199,70 [7.862]	233,70 [9.201]
DIM "LE"	94,77 [3.731]	128,75 [5.069]	162,76 [6.408]

SHAFT			
MODEL	RDB-B2151	RDB-B2152	RDB-B2153
DIM "E"	49 [1.93]	83 [3.27]	117,1 [4.61]
DIM "EB"	104 [4.09]	138 [5.43]	172 [6.77]
DIM "EC"	110,92 [4.367]	144,93 [5.706]	178,92 [7.044]

PIN-OUT			
POWER CONNECTOR		ENCODER CONNECTOR	
PIN	FUNCTION	PIN	FUNCTION
U	U	1	SIN +
V	V	2	SIN -
W	W	3	COS +
⊕	GND	4	COS -
+	-	5	DATA +
-	-	6	DATA -
1	-	7	CLK+
2	-	8	CLK-
		9	EPWR 5V
		10	ECOM
		11-12	-
		13	TS +
		14	TS -
		15-17	-

CUSTOMER INTERFACE DETAIL			
Dimension	Value	Tolerance	Feature
"EB"	1,5	[.06]	Dynamic
"E"	±0,4	[.015]	
Surface	1,5x45°	[.06]	Chamfer
Surface	0,13	[.005]	Surface Finish
Surface	0,013	[.0005]	Surface Finish
Surface	0,10	[.004]	Surface Finish
Surface	0,10	[.004]	Surface Finish
Surface	0,76	[.03]	Chamfer Depth
Surface	5,5 MIN	[0.22]	Chamfer

NOTES			
1	DXF FILE OF THIS DRAWING MUST BE SCALED TO LENGTH, SEE CHART ABOVE. MODEL SHOWN IS "RDB-B2153x-xB72AA".		
2	3D STEP (.stp) FILES AVAILABLE FOR ALL MODELS.		

