



RATIO	M.A.	C.O.G.			MAX OUTPUT TORQUE Nm (lbs.ft)
		X	Y	Z	
10	8.870	0	70	239	16270 (12000)
12	10.800	0	71	239	16270 (12000)
15	13.500	0	72	241	16270 (12000)

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY		
STD	BORE	KEY	STD	BORE	KEY
BS4235	-	-	BS4235	130.0	32 x 18
BS46	4.625"	1 1/4" SQ	BS46	5.000"	1 1/4" x 7/8"
ANSI B17.1	4.625"	1 1/4" SQ	ANSI B17.1	5.000"	1 1/4" x 7/8"

MAX STEM SCREW ACCEPTANCE DIA
150 (5.875")

INPUT FLANGE DETAILS						
ISO	FLANGE		SHAFT		KEY	
	O/DIA. & THICKNESS	RECESS	RECESS	RECESS	HOLE DETAILS	KEY
F25	Ø300 X 20	Ø50.00-0.05	Ø200.10+0.10	5	8 HOLES Ø16.5 (Ø0.65")	14x9x55
	(Ø11.81" X 0.79")	(Ø1.969"-0.002")	(Ø7.878"+0.004")	(0.20")	ON Ø254.0 (Ø10.00") P.C.	(0.55"x0.35"x2.17")
FA25	Ø300 X 20	Ø50.00-0.05	Ø152.37+0.10	5	8 HOLES Ø16.5 (Ø0.65")	14x9x55
	(Ø11.81" X 0.79")	(Ø1.969"-0.002")	(Ø5.999"+0.004")	(0.20")	ON Ø254.0 (Ø10.00") P.C.	(0.55"x0.35"x2.17")

BASEPLATE DETAILS	
ISO	HOLE DETAILS (22.5° OFF CENTRES)
F40	Ø299.95-0.05 8 HOLES M36x45 (1.77") DEEP (Ø11.809"-0.002") ON Ø406.0 (Ø15.98") P.C.
FA40	Ø228.60-0.15 8 HOLES 1.25"UNCx45 (1.77") DEEP (Ø9.000"-0.006") ON Ø406.4 (Ø16.00") P.C.



IS16 GEARBOX
F25/FA25 INPUT F40/FA40 OUTPUT

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT www.rotork.com

APPROX WEIGHT 393.7 kg

DRAWING No	PUBIS16-F25-F40	Regina House Ring Road Bramley Leeds LS134ET United Kingdom
ISSUE	A	
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