



RATIO	M.A.	C.O.G.			MAX OUTPUT TORQUE Nm (lbs.ft)
		X	Y	Z	
3	2.55	0	32	77	2033 (1500)
4	3.40	0	32	76	2033 (1500)
6	5.10	0	32	75	1627 (1200)

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY		
STD	BORE	KEY	STD	BORE	KEY
BS4235	-	-	BS4235	68.0	20 x 12
BS46	2.500" (5/8" SQ)	-	BS46	2.625" (3/4" x 1/2")	-
ANSI B17.1	2.500" (5/8" SQ)	-	ANSI B17.1	2.625" (5/8" x 7/16")	-

MAX STEM SCREW ACCEPTANCE DIA
73 (2.750")

INPUT FLANGE DETAILS						
	FLANGE		SHAFT		RECESS	
	O/DIA. & THICKNESS	BORE	DIA.	DIA.	DEPTH	22.5° (OFF CENTRES)
ISO F25	Ø300 x 20	Ø50.00-0.05	Ø200.10+0.05	5	8 HOLES Ø16.5 (Ø0.65")	14x9x55
	(Ø11.81" x 0.79")	(Ø1.969"-0.002")	(Ø7.878"+0.002")	(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				
	SPIGOT DIA.		HOLE DETAILS (45° OFF CENTRES)	
	ISO F16	FA16	ISO F16	FA16
	Ø129.95-0.05	Ø129.95-0.05	4 HOLES M20X25 (0.98") DEEP	4 HOLES M20X25 (0.98") DEEP
	(Ø5.116"-0.002")	(Ø5.116"-0.002")	ON Ø165.0 (Ø6.50") P.C.	ON Ø165.1 (Ø6.50") P.C.
			4 HOLES 3/4"UNCX25 (0.98") DEEP	4 HOLES 3/4"UNCX25 (0.98") DEEP
			ON Ø165.1 (Ø6.50") P.C.	ON Ø165.1 (Ø6.50") P.C.

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**IB8 GEARBOX
F25/FA25 INPUT F16/FA16 OUTPUT**

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT www.rotork.com

APPROX WEIGHT 59.8 kg

DRAWING No	PUBIB8-F25-F16	Regina House Ring Road Bramley Leeds LS134ET United Kingdom
ISSUE	A	
DATE	06/05/2011	