



RATIO	M.A.	C.O.G.			MAX OUTPUT TORQUE Nm (lbs.ft)
		X	Y	Z	
8	7.280	0	67	138	8135 (6000)
10	8.993	0	67	139	8135 (6000)
12	10.649	0	67	139	8135 (6000)
15	13.632	0	67	139	8135 (6000)

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY			MAX STEM SCREW ACCEPTANCE DIA.
STD	BORE	KEY	STD	BORE	KEY	
BS4235	-	-	BS4235	96.0	28 x 16	100 (3.875")
BS46	3.500" 7/8" SQ	-	BS46	3.625"	1" x 3/4"	
ANSI B17.1	3.500" 7/8" SQ	-	ANSI B17.1	3.750"	7/8" x 5/8"	

INPUT FLANGE DETAILS						
	FLANGE		SHAFT		RECESS	
	O/DIA. & THICKNESS		DIA.	DIA.	DEPTH	45°(OFF CENTRES)
ISO F14	Ø175 x 15		Ø30.00-0.05	Ø100.05+0.05	5	4 HOLES Ø16.5 (Ø0.65")
	(Ø6.89" x 0.59")		(Ø1.181"-0.002")	(Ø3.939"+0.002")	(0.20")	ON Ø140.0 (Ø5.51") P.C. (0.31"x0.28"x2.17")
FA14	Ø175 x 15		Ø30.00-0.05	Ø95.27+0.05	5	4 HOLES Ø16.5 (Ø0.65")
	(Ø6.89" x 0.59")		(Ø1.181"-0.002")	(Ø3.751"+0.002")	(0.20")	ON Ø140.0 (Ø5.51") P.C. (0.31"x0.28"x2.17")

BASEPLATE DETAILS		
	SPIGOT DIA.	HOLE DETAILS (22.5° OFF CENTRES)
ISO F30	Ø229.95-0.05	8 HOLES M20x25 (0.98") DEEP (Ø9.053"-0.002") ON Ø298.0 (Ø11.73") P.C.
FA30	Ø177.70-0.05	8 HOLES 3/4"UNCx25 (0.98") DEEP (Ø6.996"-0.002") ON Ø298.5 (Ø11.75") P.C.



IS12 GEARBOX
F14/FA14 INPUT F30/FA30 OUTPUT

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT www.rotork.com

APPROX WEIGHT 175.9 kg

DRAWING No	PUBIS12-F14-F30	Regina House Ring Road Bramley Leeds LS134ET United Kingdom
ISSUE	A	
DATE	22/06/2011	