



RATIO	M.A.	C.O.G.			MAX OUTPUT TORQUE Nm (lbs.ft)
		X	Y	Z	
2	1.800	0	94	63	1355 (1000)
3	2.700	0	94	66	1355 (1000)
4	3.600	0	93	66	1355 (1000)
6	5.400	0	93	65	1355 (1000)
8	7.200	0	88	66	1355 (1000)

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY			MAX STEM SCREW ACCEPTANCE DIA
STD	BORE	KEY	STD	BORE	KEY	
BS4235	-	-	BS4235	68.0	20X12	73(2.750")
BS46	2.500"	5/8" SQ	BS46	2.625"	3/4"x1/2"	
ANSI B17.1	2.500"	5/8" SQ	ANSI B17.1	2.625"	5/8"x7/16"	

	INPUT FLANGE DETAILS				
	FLANGE O/DIA. & THICKNESS	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS 45°(OFF CENTRES)
	ISO F14	Ø175 x 15 (Ø6.89" x 0.59")	Ø30.00-0.05 (Ø1.181"-0.002")	Ø100.05+0.05 (Ø3.939"+0.002")	5 (0.20")
FA14	Ø175 x 15 (Ø6.89" x 0.59")	Ø30.00-0.05 (Ø1.181"-0.002")	Ø95.27+0.05 (Ø3.751"+0.002")	5 (0.20")	4 HOLES Ø16.5 (Ø0.65") ON Ø140.0 (Ø5.51") P.C. (0.31"x0.28"x1.57")

	BASEPLATE DETAILS	
	SPIGOT DIA.	HOLE DETAILS (45° OFF CENTRES)
	ISO F16	Ø129.95-0.05 (Ø5.116"-0.002")
FA16	Ø126.87-0.25 (Ø4.995"-0.010")	4 HOLES 3/4"UNCX25 (0.98") DEEP ON Ø165.1 (Ø6.50") P.C.



IS7 GEARBOX
F14/FA14 INPUT F16/FA16 OUTPUT

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT www.rotork.com

APPROX WEIGHT 48.5 kg

DRAWING No	PUBIS7-F14-F16	Regina House Ring Road Bramley Leeds LS134ET United Kingdom
ISSUE	A	
DATE	27/05/2011	