



RATIO	M.A.	C.O.G.			MAX. OUTPUT TORQUE Nm (lbs-ft)
		X	Y	Z	
4	3.40	0	64	31	4067 (3000)
6	5.10	0	64	27	4067 (3000)

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY			MAX STEM SCREW ACCEPTANCE DIA.
STD	BORE	KEY	STD	BORE	KEY	
BS4235	-	-	BS4235	76.0	22x14	86(3.375")
BS46	2.750"	3/4" SQ	BS46	3.000"	3/4"x1/2"	
ANSI B17.1	2.750"	5/8" SQ	ANSI B17.1	3.000"	3/4"x1/2"	

	INPUT FLANGE DETAILS					KEY
	FLANGE	SHAFT	RECESS	RECESS	HOLE DETAILS	
	O/DIA. & THICKNESS	DIA.	DIA.	DEPTH	45°(OFF CENTRES) DETAILS	
ISO F14	Ø175 x 15	Ø30.00-0.05	Ø100.05+0.05	5	4 HOLES Ø16.5 (Ø0.65")	8x7x55
	(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")	8x7x55
	(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.

**rotork  
gears**

**IB10 GEARBOX  
F14/FA14 INPUT F30/FA30 OUTPUT**

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT [www.rotork.com](http://www.rotork.com)

APPROX WEIGHT 98.1 kg

DRAWING No	PUBIB10-F14-F30	Regina House Ring Road Bramley Leeds LS134ET United Kingdom
ISSUE	01	
DATE	10/05/2011	