



RATIO	M.A.	C.O.G.			MAX OUTPUT TORQUE Nm (lbs.ft)
		X	Y	Z	
3	2.55	0	30	31	1355 (1000)
4	3.40	0	29	30	1355 (1000)
6	5.10	0	30	27	1084 (800)

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY		
STD	BORE	KEY	STD	BORE	KEY
BS4235	-	-	BS4235	52.0	16x10
BS46	1.875	1/2" SQ	BS46	2.000"	1/2"x5/16"
ANSI B17.1	1.875	1/2" SQ	ANSI B17.1	2.000"	1/2"x3/8"

MAX STEM SCREW ACCEPTANCE DIA
55(2.125")

INPUT FLANGE DETAILS						
	FLANGE		SHAFT		RECESS	
	O/DIA. & THICKNESS	BORE	DIA.	DIA.	DEPTH	45°(OFF CENTRES)
ISO F14	Ø175 x 15	Ø30.00-0.05	Ø100.05+0.05	Ø3.939+0.002"	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"x1.57")
FA14	Ø175 x 15	Ø30.00-0.05	Ø95.27+0.05	Ø3.751+0.002"	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"x1.57")

BASEPLATE DETAILS				
	SPIGOT DIA.		HOLE DETAILS (45° OFF CENTRES)	
	Ø	DEPTH	Ø	DEPTH
ISO F14	Ø99.95-0.05	4 HOLES M16x20 (0.79") DEEP	Ø140.0 (Ø5.51")	P.C.
	(Ø3.935"-0.002")	ON Ø140.0 (Ø5.51") P.C.	Ø139.7 (Ø5.50")	P.C.
FA14	Ø95.22-0.10	4 HOLES 5/8"UNCx20 (0.79") DEEP	Ø140.0 (Ø5.51")	P.C.
	(Ø3.749"-0.004")	ON Ø139.7 (Ø5.50") P.C.	Ø139.7 (Ø5.50")	P.C.

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**IB6 GEARBOX  
F14/FA14 INPUT F14/FA14 OUTPUT**

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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

APPROX WEIGHT 25.4 kg

DRAWING No	PUBIB6-F14-F14	Regina House Ring Road Bramley Leeds LS134ET United Kingdom
ISSUE	A	
DATE	02/05/2011	