



RATIO	M.A.	C.O.G.			MAX OUTPUT TORQUE Nm (lbs.ft)
		X	Y	Z	
1	1.125	0	67	69	406 (300)
2	1.830	0	64	69	406 (300)
3	2.700	0	63	69	406 (300)

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					
O/DIA. & THICKNESS	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS	
				45°(OFF CENTRES)	KEY DETAILS
ISO F10 Ø125 x 10 (Ø4.92" x 0.39")	Ø20.00-0.05	Ø70.05+0.05	5	4 HOLES Ø10.5 (Ø0.41")	6x6x40
	(Ø0.787"-0.002")	(Ø2.758"+0.002")	(0.20")	ON Ø102.0 (Ø4.02") P.C.	(0.24"x0.24"x1.57")
FA10 Ø125 x 10 (Ø4.92" x 0.39")	Ø20.00-0.05	Ø58.75+0.05	5	4 HOLES Ø10.5 (Ø0.41")	6x6x40
	(Ø0.787"-0.002")	(Ø2.313"+0.002")	(0.20")	ON Ø102.0 (Ø4.02") P.C.	(0.24"x0.24"x1.57")

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

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gears**

IS3 GEARBOX  
F10/FA10 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 19.8 kg

DRAWING No	PUBIS3-F10-F14
ISSUE	A
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