



RATIO	M.A.	C.O.G.			MAX OUTPUT TORQUE Nm (lbs.ft)
		X	Y	Z	
10	8.870	0	92	189	16270 (12000)
12	10.800	0	93	190	16270 (12000)
15	13.500	0	96	192	16270 (12000)

MAX BORE SQ KEY			MAX BORE RECTANGULAR KEY		
STD	BORE	KEY	STD	BORE	KEY
BS4235	-	-	BS4235	121.0	32 x 18
BS46	4.500"	1 1/4" SQ	BS46	4.625"	1 1/4" x 7/8"
ANSI B17.1	4.500"	1" SQ	ANSI B17.1	4.625"	1 1/4" x 7/8"

MAX STEM SCREW ACCEPTANCE DIA	127 (5.000")
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INPUT FLANGE DETAILS						
ISO	FLANGE		SHAFT		RECESS	
	O/DIA. & THICKNESS	KEY	DIA.	RECESS DIA.	DEPTH	HOLE DETAILS
F16	Ø210 x 20	-	Ø40.00-0.05	Ø130.05+0.05	5	4 HOLES Ø20.5 (Ø0.81")
	(Ø8.27" x 0.79")	-	(Ø1.575"-0.002")	(Ø5.120"+0.002")	(0.20")	ON Ø165.0 (Ø6.50") P.C. (0.47"x0.31"x2.17")
FA16	Ø210 x 20	-	Ø40.00-0.05	Ø126.92+0.05	5	4 HOLES Ø20.5 (Ø0.81")
	(Ø8.27" x 0.79")	-	(Ø1.575"-0.002")	(Ø4.997"+0.002")	(0.20")	ON Ø165.0 (Ø6.50") P.C. (0.47"x0.31"x2.17")

BASEPLATE DETAILS		
ISO	SPIGOT DIA.	HOLE DETAILS (22.5° OFF CENTRES)
F35	Ø259.95-0.05	8 HOLES M30x40 (1.57") DEEP (Ø10.234"-0.002")
FA35	Ø215.80-0.25	8 HOLES 1"UNCx40 (1.57") DEEP (Ø8.496"-0.008")



IS15 GEARBOX
F16/FA16 INPUT F35/FA35 OUTPUT

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT www.rotork.com

APPROX WEIGHT 267.8 kg

DRAWING No	PUBIS15-F16-F35	Regina House Ring Road Bramley Leeds LS134ET United Kingdom
ISSUE	A	
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