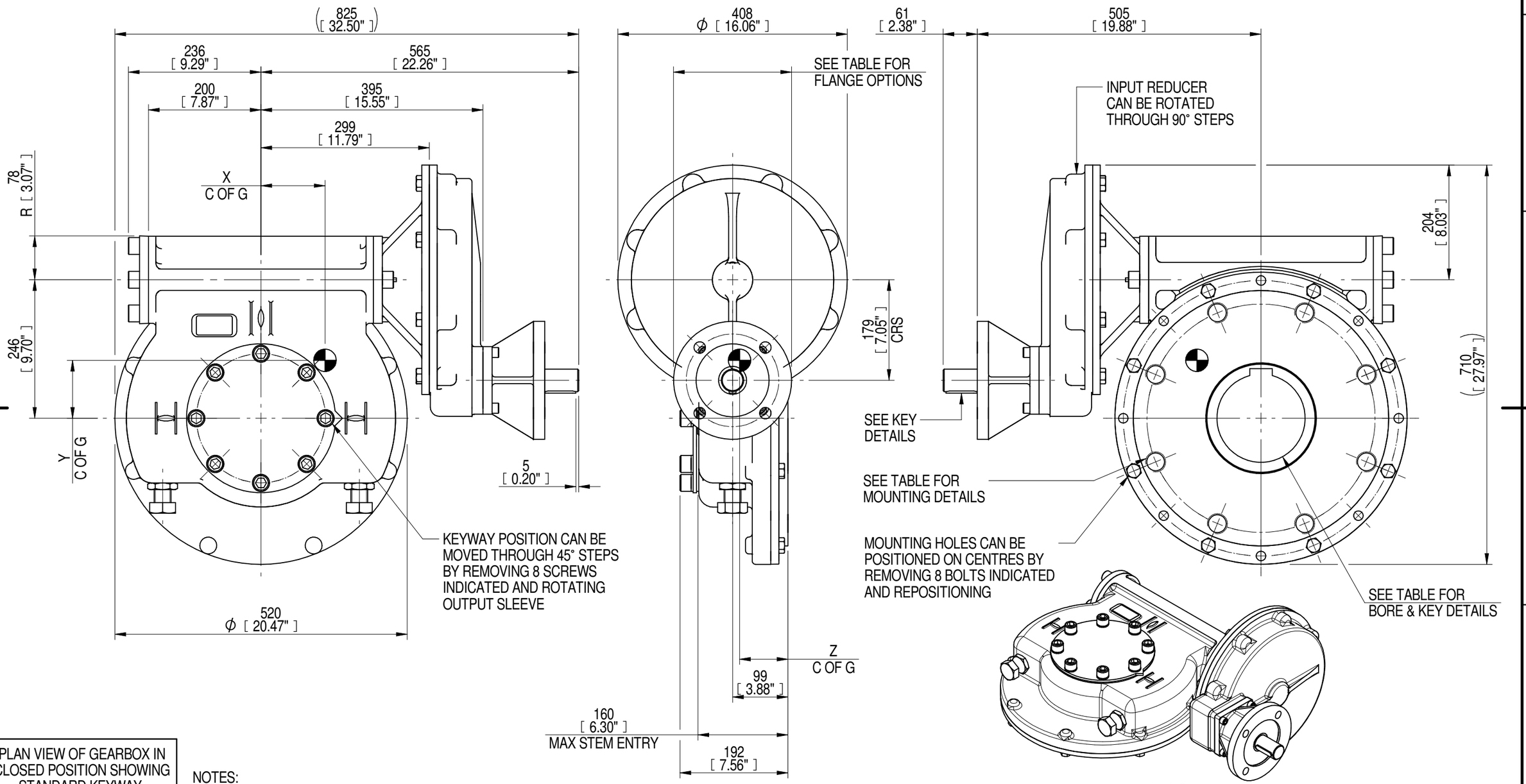
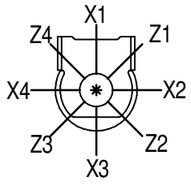
INPUT FLANGE DETAILS							MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)							
INPUT FLANGE	FLANGE O/DIA. + THICKNESS	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (45° OFF CENTRES)	KEY DETAILS	ISO 5211 / MSS SP-101 MOUNTING OPTION	HOLE DETAILS (22.5° OFF CENTRES)	STANDARD	MIN BORE	SQ KEY MAX BORE	SQ KEY SIZE	RECT. KEY MAX BORE	RECT. KEY SIZE	SQ BORE MAX
ISO F16	Ø210 x 20 (Ø8.27" x 0.787")	Ø40.00-0.05 (Ø1.575"-0.002")	Ø130.05+0.15 (Ø5.120"+0.006")	5 (0.20")	4 x Ø20.5 ON Ø165.0 P.C. (4 x Ø0.81" ON Ø6.50" P.C.)	12x8x55 (0.47"x0.31"x2.17")	ISO F40*	8 x M36 x 36 (1.42") DEEP ON Ø406.0 (Ø15.98") P.C.	BS4235	-	-	-	157	40 x 22	□ 122.9 (4.84")
									BS46	-	5.625"	1.1/2" SQ.	6.00"	1.1/2" x 1"	
FA16			Ø126.92+0.18 (Ø4.997"+0.007")				FA40*	8 x 1.25" UNC x 36 (1.42") DEEP ON Ø406.4 (Ø16.00") P.C.	ANSI B17.1	-	5.625"	1.1/2" SQ.	6.00"	1.1/2" x 1"	
									DIN 6885	-	-	-	157	40 x 22	



PLAN VIEW OF GEARBOX IN CLOSED POSITION SHOWING STANDARD KEYWAY POSITIONS. ALTERNATIVES AVAILABLE ON REQUEST



NOTES:
1. * THREAD DEPTH DOES NOT MATCH ISO STANDARD
2. CENTRE OF GRAVITY POSITION IS INDICATIVE FOR STANDARD BUILD WHEN IN POSITION SHOWN

DESCRIPTION				TORQUE		CENTRE OF GRAVITY		
RATIO	TURNS TO CLOSE	M.A. ± 10%	WEIGHT (Kg)	MAX OUTPUT (Nm)	MAX INPUT (Nm)	X	Y	Z
720	180	285	212	26031	91	117	105	87
540	135	214	210	26031	122	115	104	87
480	120	189	209	26031	138	114	103	87

AS PART OF CONTINUOUS PRODUCT DEVELOPMENT, ALL DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. FOR UP TO DATE DETAILS PLEASE VISIT www.rotork.com

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Document Type **PUBLICITY**

Dimensions in mm

Title
IW/MOW8 QUARTER TURN GEARBOX, 480/540/720 : 1, F16/ FA16 INPUT : F40/ FA40 OUTPUT

Drawing Number
PUB-IW8FBIRL-F16-F40

Iss. 01

Sheet **1** of **1** Size A3

Rev 05