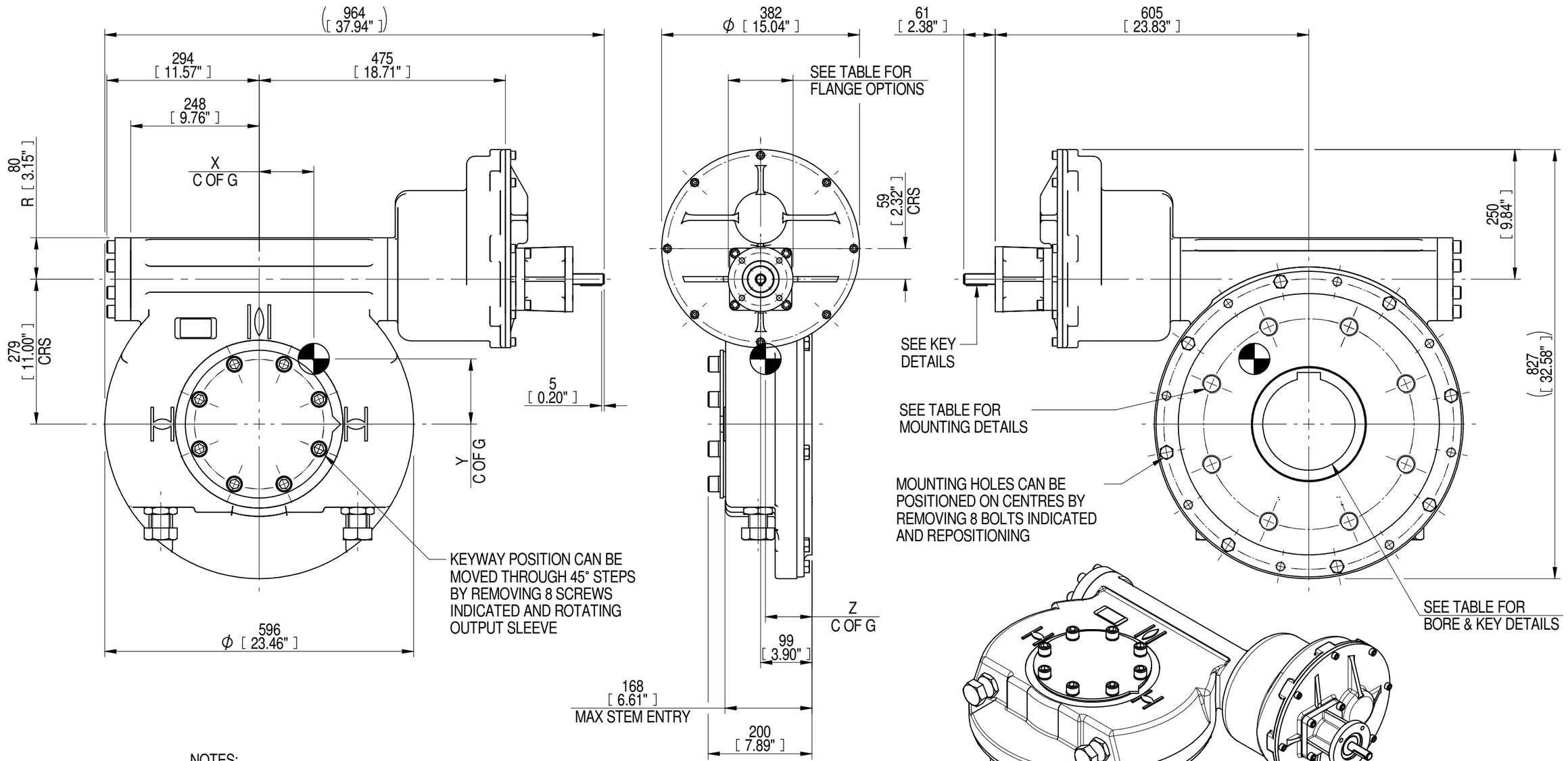
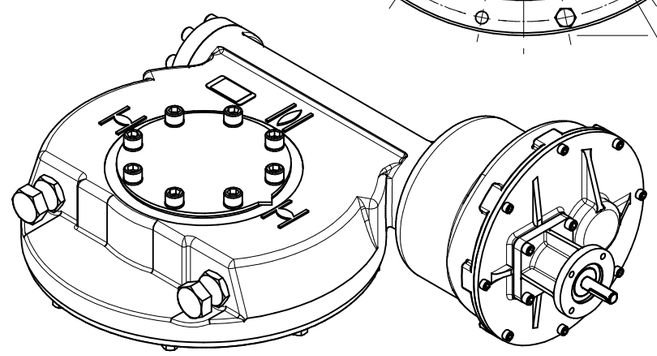
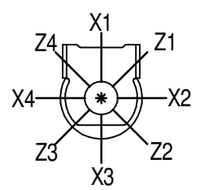
INPUT FLANGE DETAILS							MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)							
INPUT FLANGE	FLANGE O/DIA. + THICKNESS	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (45° OFF CENTRES)	KEY DETAILS	ISO 5211 / MSS SP-101 MOUNTING OPTION	HOLE DETAILS (22.5° OFF CENTRES)	STANDARD	MIN BORE	SQ KEY MAX BORE	SQ KEY SIZE	RECT. KEY MAX BORE	RECT. KEY SIZE	SQ BORE MAX
ISO F10	Ø125 x 15 (Ø4.92" x 0.59")	Ø20.00-0.05 (Ø0.787"-0.002")	Ø70.05+0.15 (Ø2.758"+0.006")	4 (0.16")	4 x Ø10.5 ON Ø102.0 P.C. (4 x Ø0.41" ON Ø4.02" P.C.)	6x6x40 (0.24"x0.24"x1.57")	ISO F40*	8 x M36 x 36 (1.42") DEEP ON Ø406.0 (Ø15.98") P.C.	BS4235	-	-	-	178	45 x 25	□ 132.1 (5.20")
									BS46	-	-	-	6.75"	1.75" x 1.25"	
FA10			Ø58.70+0.15 (Ø2.311"+0.006")				FA40*	8 x 1.25" UNC x 36 (1.42") DEEP ON Ø406.4 (Ø16.00") P.C.	ANSI B17.1	-	6.50"	1.1/2" SQ.	6.50"	1.5" x 1"	
									DIN 6885	-	-	-	178	45 x 25	





1:10

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
3000	750	1188	288	52171	44	102	124	89
2520	630	998	293	52171	52	107	129	90
2160	540	855	287	52171	61	101	123	89
1440	360	570	289	52171	92	102	125	89
1080	270	428	287	52171	122	100	124	89
960	240	380	289	52171	137	102	124	89

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

rotork® Gears
LEEDS - UK
www.rotork.com

This drawing is confidential and is the property of Rotork Gears and must not be reproduced either wholly or partly. All rights in respect of patents, designs and copyrights are reserved. ©2016

Document Type **PUBLICITY**

Dimensions in mm

Title
IW/MOW9 QUARTER TURN GEARBOX, 960/1080/1440/2160/2520/3000 : 1, F10/ FA10 INPUT : F40/ FA40 OUTPUT

Drawing Number
PUB-IW9FBIR3-F10-F40

Iss. 01

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

Rev 05