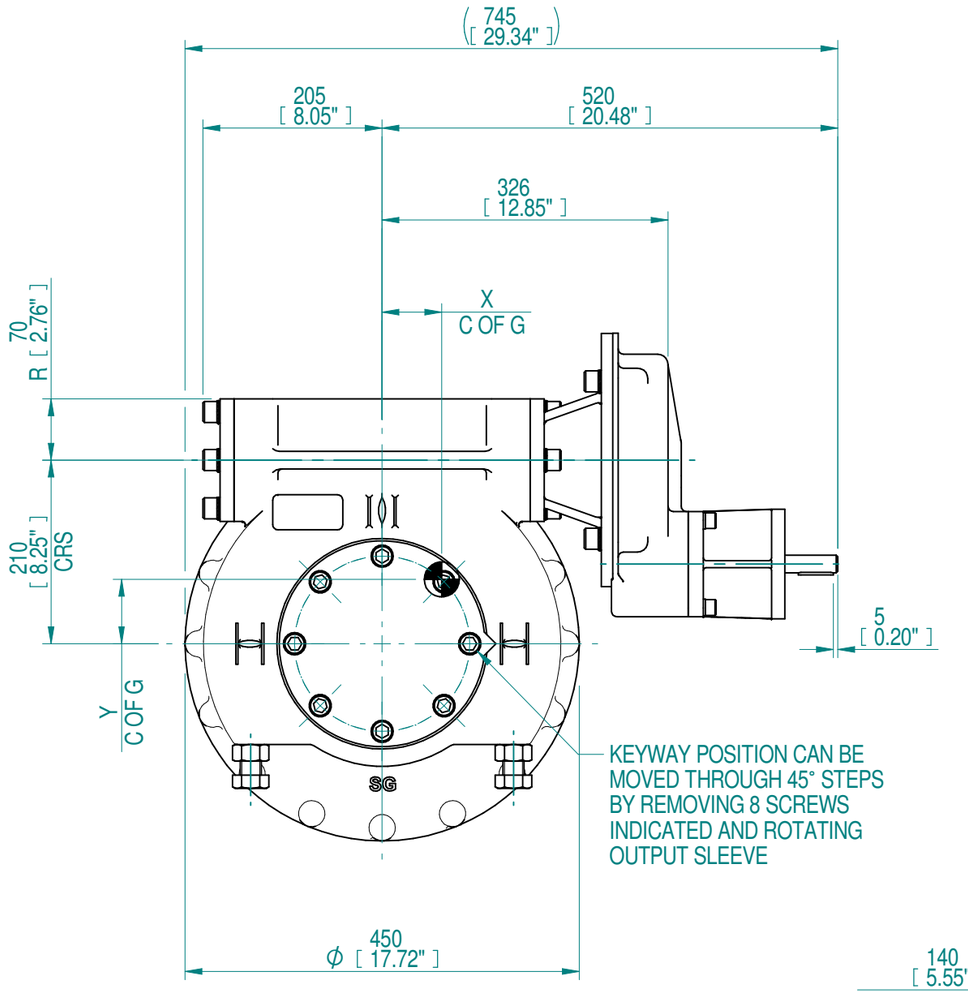
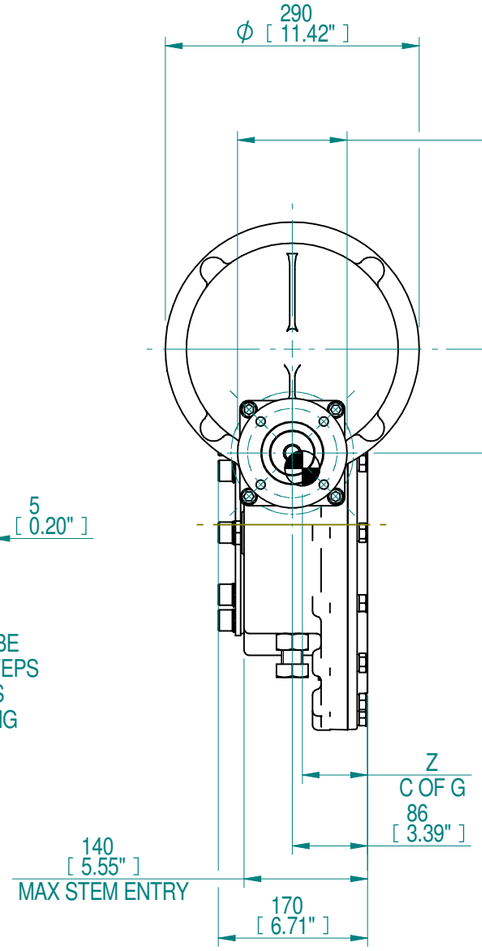
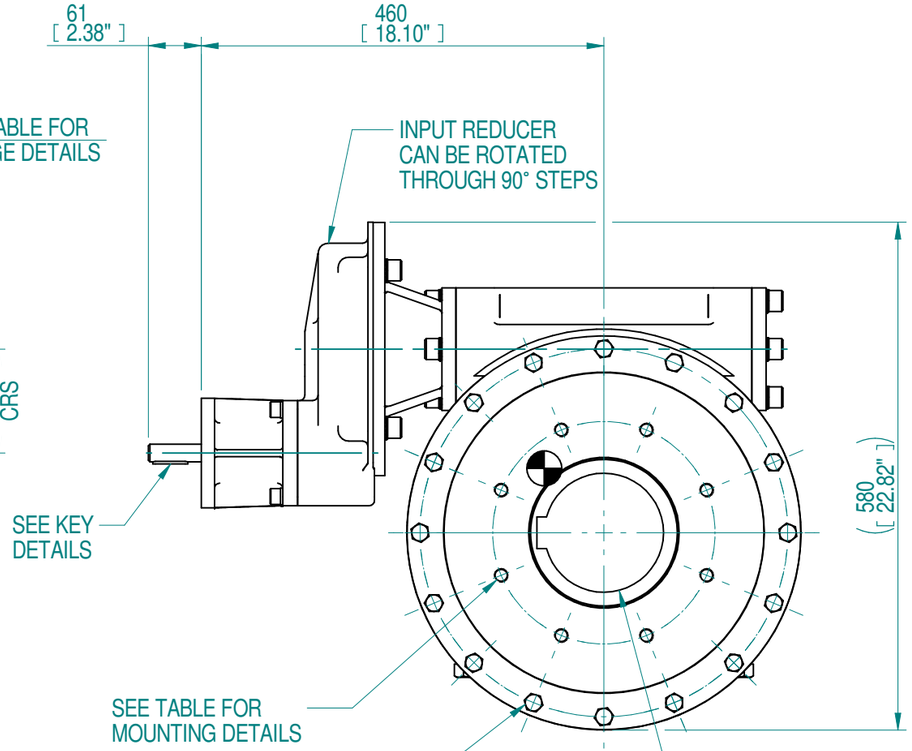
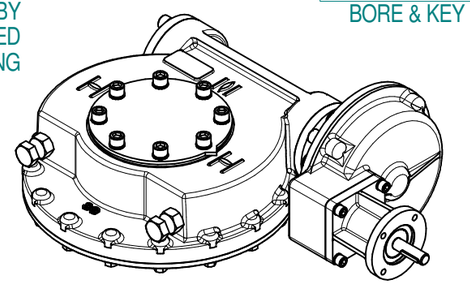
INPUT FLANGE DETAILS							MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)				STEM ACCEPTANCE IN ACCORDANCE TO STANDARD						
INPUT FLANGE	FLANGE O/DIA.	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (OFF CENTRES)	KEY DETAILS	ISO 5211 / MSS SP-101 MOUNTING OPTION	HOLE DETAILS (OFF CENTRES)	MAX OUTSIDE DIA. INCLUDING DRILLED HOLES	MIN INSIDE DIA. INCLUDING DRILLED HOLES	SQ BORE MAX	STANDARD	MIN BORE	SQ KEY MAX BORE	SQ KEY SIZE	RECT. KEY MAX BORE	RECT KEY SIZE
ISO F10	Ø125 x 15 (Ø4.92" x 0.590")	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 F25*	8 x M16 x 24 (0.94") DEEP ON Ø254.0 (Ø10.00") P.C.	Ø336 (13.23")	Ø197 (7.73")	□ 108.8 (4.28")	BS4235	-	-	-	136	36 x 20
												BS46	-	4.875"	1 1/4" SQ.	5.125"	1 1/2" x 1"
FA10			Ø58.70+0.15 (Ø2.311"+0.006")				FA25*	8 x 5/8" UNC x 24 (0.94") DEEP ON Ø254.0 (Ø10.00") P.C.				ANSI B17.1	-	4.875"	1 1/4" SQ.	5.25"	1 1/4" x 7/8"
												DIN 6885	-	-	-	136	36 x 20



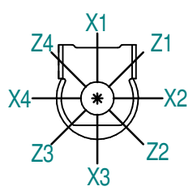






1:10

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



NOTES:
1. OTHER INPUT AND OUTPUT OPTIONS AVAILABLE - SEE 'IW GEARBOX BROCHURE' AT WWW.ROTORK.COM FOR FURTHER DETAILS.
2. CENTRE OF GRAVITY POSITION IS INDICATIVE FOR STANDARD BUILD WHEN IN POSITION SHOWN.
3. * THREAD DEPTH DOES NOT MATCH ISO STANDARD.
4. WEIGHT AND C OF G DIMENSIONS WILL VARY +/-1% DEPENDING ON RATIO.

384	96	120	137	26000	217	68	73	75
262	66	82			318			
192	48	60			433			
130	33	41			641			
RATIO	TURNS TO CLOSE	M.A. (±10%)	WEIGHT (KG)	MAX OUTPUT (Nm)	MAX INPUT (Nm)	X	Y	Z
DESCRIPTION				TORQUE		CENTRE OF GRAVITY		

Rev	ECN	Revised	Rev. Approved	Date	Change Description
0-1		J.Dickinson	J.Dickinson	2019-11-12	Include secondary units

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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Dimensions in mm
Scale 1:7

Title **IW76 IR2 QUARTER TURN GEARBOX**

Created	V.G.Balaji	2019-10-16
Checked	S.Monish	2019-10-16
Approved	J.Dickinson	2019-11-08

Drawing Number **PUB-IW76-IR2S** Rev 0-1
Nominal Mass **SEE TABLE** Size A3 Sheet 1 of 1

Template Issue : 2018-05-10