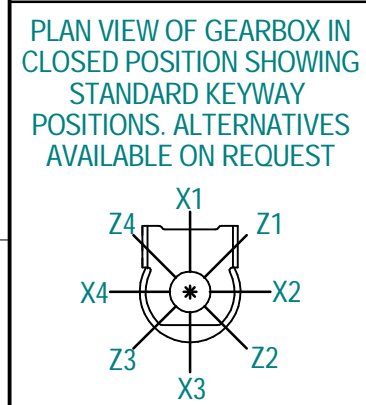
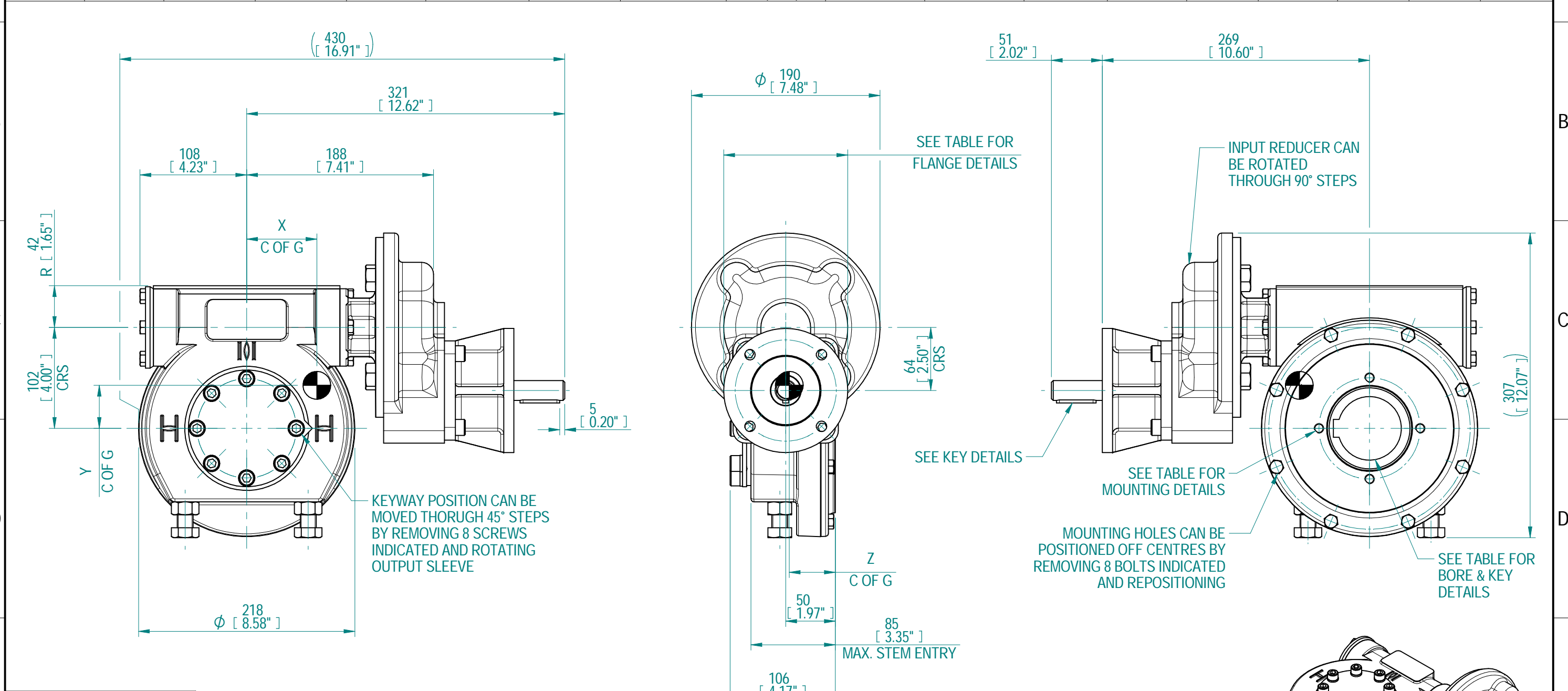


1	2		3		4		5		6		7		8				
INPUT FLANGE DETAILS					MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)					STEM ACCEPTANCE IN ACCORDANCE TO STANDARD							
INPUT FLANGE	FLANGE O/DIA.	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (OFF CENTRES)	KEY DETAILS	ISO 5211 / MSS SP-101 MOUNTING OPTION	HOLE DETAILS (OFF 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 10 (Ø4.92" x 0.394")	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 F10*	4 x M10 x 16 (0.63") DEEP ON Ø102.0 (Ø4.02") P.C.	Ø150 (5.90")	Ø101 (3.98")	□ 51 (2.01")	BS4235	-	-	-	64	18 x 11
FA10			4 x 3/8" UNC x 16 (0.63") DEEP ON Ø102.0 (Ø4.02") P.C.				ANSI B17.1	-				2.25"	5/8" SQ.	2.5"	5/8" x 7/16"		
			Ø58.70+0.15 (Ø2.311"+0.006")				FA10*					DIN 6885	-	-	-	64	18 x 11



NOTES:

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

RATIO	TURNS TO CLOSE	M.A. (±10%)	WEIGHT (KG)	MAX OUTPUT (Nm)	MAX INPUT (Nm)	X	Y	Z
92	23	30	32	2440	81	69	44	47
138	35	45			54			
184	46	61			40			

Rev	ECN	Revised	Rev. Approved	Date	Change Description
2-0	EC1603	S.Bailey	C.Flesher	2021-04-28	Endcap and Flange fasteners changed from Durluk to Hex Head

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: 1:4

Title: **IW4 IR1S QUARTER TURN GEARBOX**

Created: S.Monish, 2019-09-23
Checked: V.G.Balaji, 2019-10-09
Approved: J.Dickinson, 2019-11-08

Drawing Number: **PUB-IW4-IR1S**
Rev: 2-0

Nominal Mass: **SEE TABLE** | Size: A3 | Sheet: 1 of 1

Template Issue - 2018-05-10