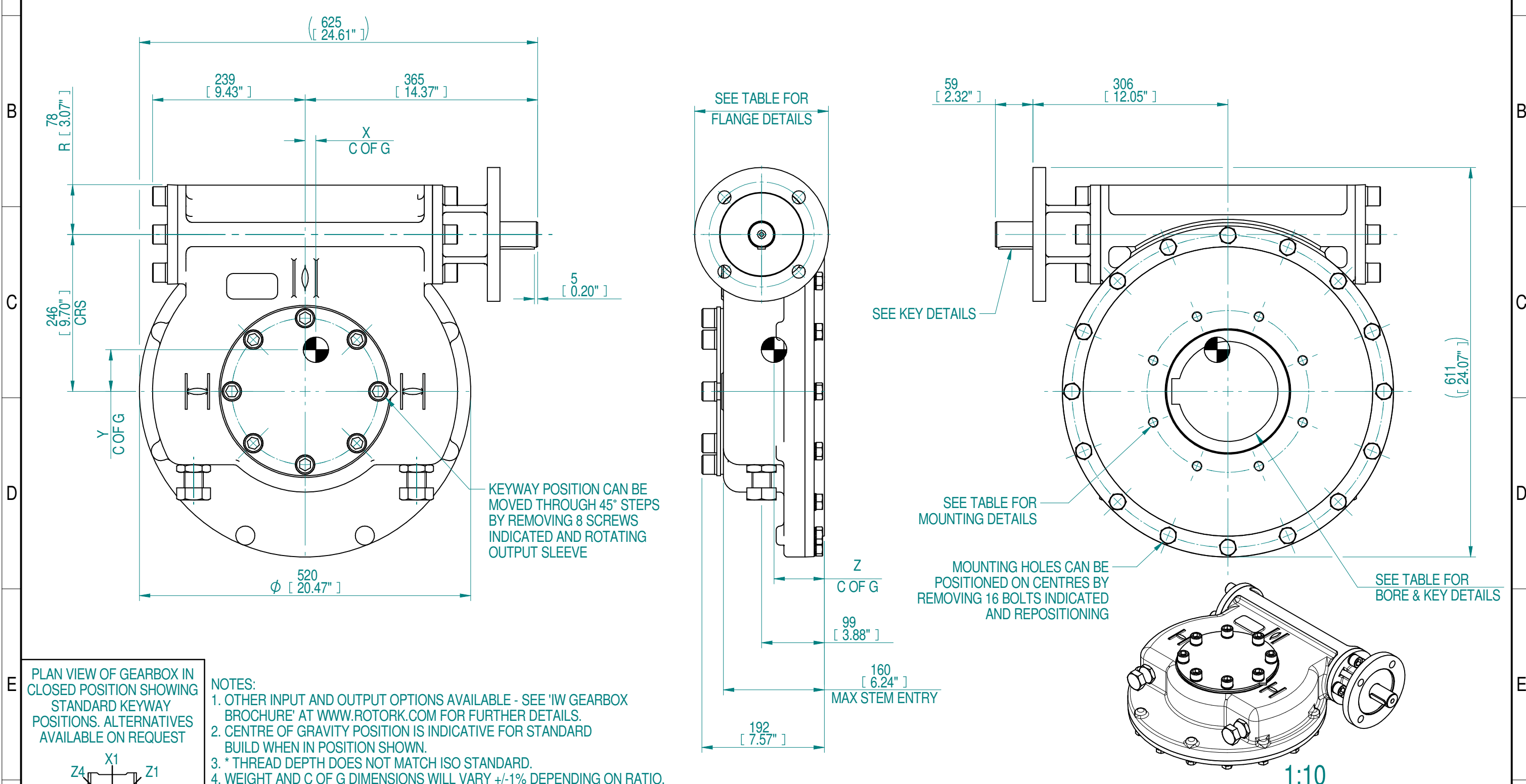


1		2		3		4		5		6		7		8			
INPUT FLANGE DETAILS				MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)						STEM ACCEPTANCE IN ACCORDANCE TO STANDARD							
INPUT FLANGE	FLANGE O/DIA.	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (OFF CENTRES)	KEY DETAILS	ISO 5211 / MSS SP-101 MOUNTING OPTION	HOLE DETAILS (OFF 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 F16	Ø210 x 20 (Ø8.27" x 0.79")	Ø40.00-0.03 (Ø1.575"-0.001")	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 F25*	8 x M16 x 24 (0.94") DEEP ON Ø254.0 (Ø10.00") P.C.	Ø418 (16.46")	Ø222 (8.74")	□ 122.9 (4.84")	BS4235	-	-	-	157	40 x 22
FA16			Ø126.92+0.18 (Ø4.997"+0.007")				FA25*					8 x 5/8" UNC x 24 (0.94") DEEP ON Ø254.0 (Ø10.00") P.C.	ANSI B17.1	-	5.625"	1 1/2" SQ.	6.00"
												DIN 6885	-	-	-	157	40 x 22



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.

RATIO	TURNS TO CLOSE	M.A. (±10%)	WEIGHT (KG)	MAX OUTPUT (Nm)	MAX INPUT (Nm)	X	Y	Z
64	16	20	163	37000	1810	17	65	79
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](http://www.rotork.com)

**rotork** Gears  
Leeds - UK  
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Dimensions in mm  
Scale 1:6

Title **IW82 N QUARTER TURN GEARBOX**

Created S.Monish 2019-10-07  
Checked V.G.Balaji 2019-10-09  
Approved J.Dickinson 2019-11-11

Drawing Number **PUB-IW82-N**  
Rev 0-1

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