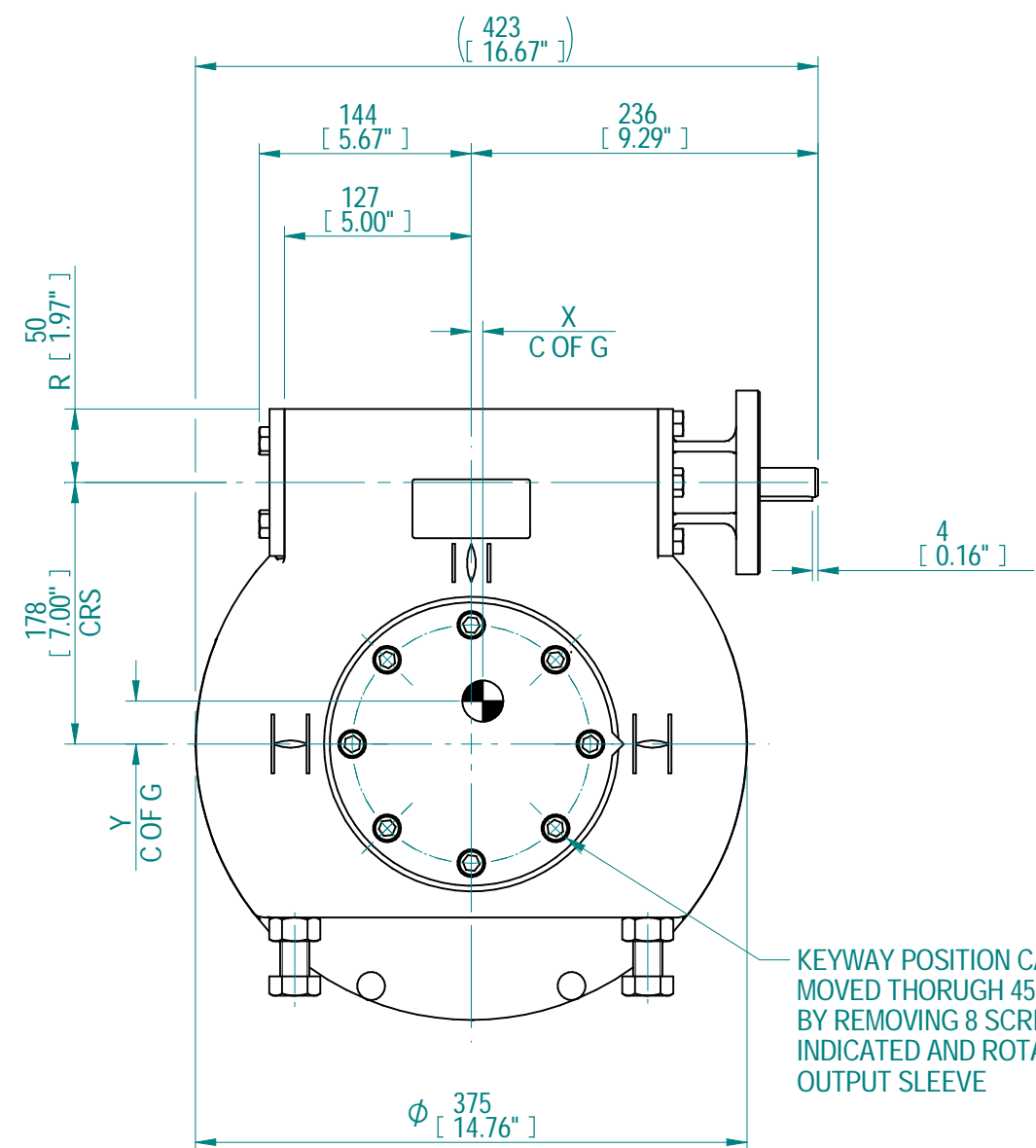
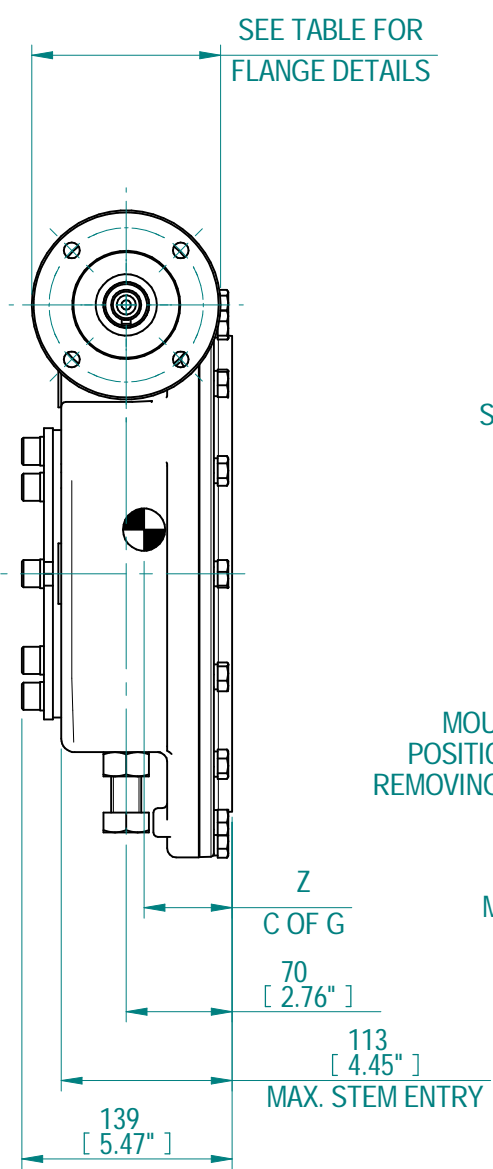


1	2		3		4		5		6		7		8				
INPUT FLANGE DETAILS					MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)					STEM ACCEPTANCE IN ACCORDANCE TO STANDARD							
INPUT FLANGE	FLANGE O/DIA.	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (OFF CENTRES)	KEY DETAILS	ISO 5211 / MSS SP-101 MOUNTING OPTION	HOLE DETAILS (OFF 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 16 (Ø4.92" x 0.63")	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 F16*	4 x M20 x 20 (0.79") DEEP ON Ø165.0 (Ø6.50") P.C.	Ø294 (11.57")	Ø156 (6.14")	□ 83.3 (3.28")	BS4235	-	-	-	102	28 x 16
FA10			FA16*				4 x 3/4" UNC x 19 (0.75") DEEP ON Ø165.0 (Ø6.50") P.C.					ANSI B17.1	-	3.625"	1" SQ.	3.75"	1" x 3/4"
			Ø58.70+0.15 (Ø2.311"+0.006")									DIN 6885	-	-	-	102	28 x 16



KEYWAY POSITION CAN BE MOVED THROUGH 45° STEPS BY REMOVING 8 SCREWS INDICATED AND ROTATING OUTPUT SLEEVE



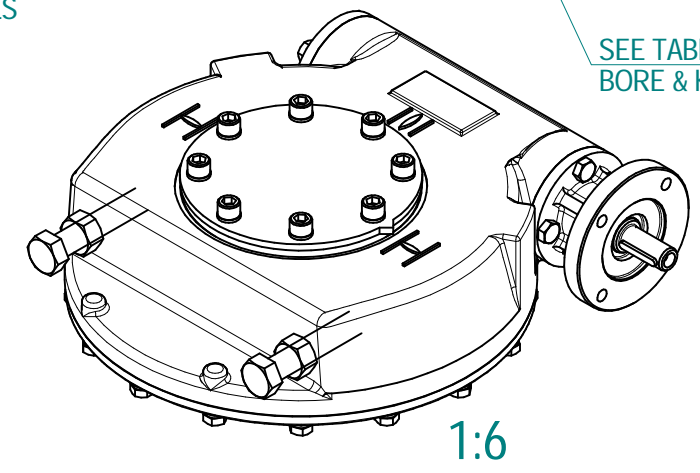
SEE TABLE FOR FLANGE DETAILS

SEE KEY DETAILS

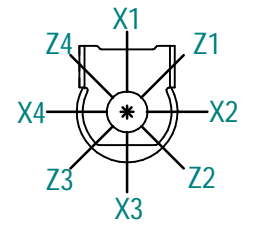
MOUNTING HOLES CAN BE POSITIONED ON CENTRES BY REMOVING 16 BOLTS INDICATED AND REPOSITIONING

SEE TABLE FOR MOUNTING DETAILS

SEE TABLE FOR BORE & KEY DETAILS



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



- 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.

76	19	25	62	9924	390	8	29	58
RATIO	TURNS TO CLOSE	M.A. (±10%)	WEIGHT (KG)	MAX OUTPUT (Nm)	MAX INPUT (Nm)	X	Y	Z
DESCRIPTION				TORQUE			CENTRE OF GRAVITY	

1-0	EC1603	S.Bailey	C.Flesher	2021-04-28	Endcap and Flange fasteners changed from Durlok to Hex Head
Rev	ECN	Revised	Rev. Approved	Date	Change Description

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  
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Dimensions in mm  
Scale 1:5

Title **IW6 N QUARTER TURN GEARBOX**

Created S.Monish 2019-09-27  
Checked V.G.Balaji 2019-10-09  
Approved J.Dickinson 2019-11-08

Drawing Number **PUB-IW6-N**  
Rev 1-0

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