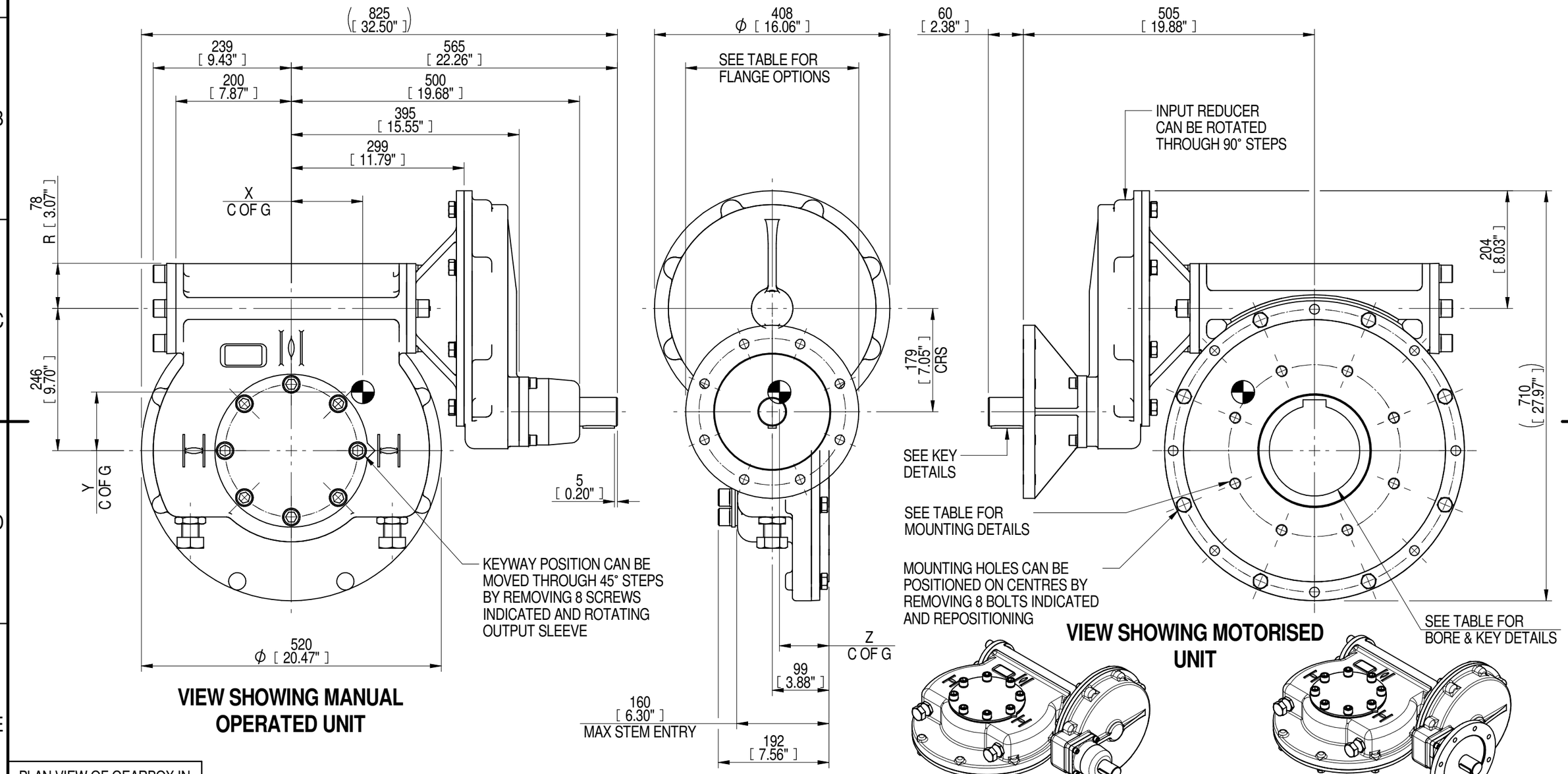
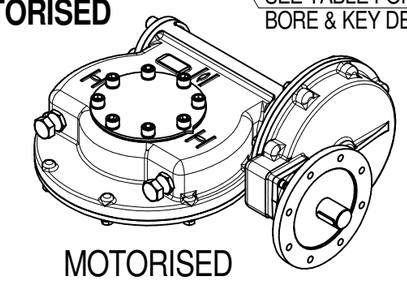
INPUT FLANGE DETAILS							MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES)								
INPUT FLANGE	FLANGE O/DIA. + THICKNESS	SHAFT DIA.	RECESS DIA.	RECESS DEPTH	HOLE DETAILS (45° OFF CENTRES)	KEY DETAILS	ISO 5211 / MSS SP-101 MOUNTING OPTION	HOLE DETAILS (22.5° OFF CENTRES)	STANDARD	MIN BORE	SQ KEY MAX BORE	SQ KEY SIZE	RECT. KEY MAX BORE	RECT. KEY SIZE	SQ BORE MAX
ISO F25	Ø300 x 20 (Ø11.81" x 0.787")	Ø50.00-0.05 (Ø1.969"-0.002")	Ø200.10+0.10 (Ø7.878"+0.004")	5 (0.20")	8 x Ø16.5 ON Ø254.0 P.C. (8 x Ø0.65" ON Ø10.00" P.C.)	14x9x55 (0.55"x0.35"x2.17")	ISO F30*	8 x M20 x 30 (1.18") DEEP ON Ø298.0 (Ø11.73") P.C.	BS4235	-	-	-	157	40 x 22	□ 122.9 (4.84")
									BS46	-	5.625"	1.1/2" SQ.	6.00"	1.1/2" x 1"	
FA25			Ø152.30+0.17 (Ø5.996"+0.007")				FA30*	8 x 3/4" UNC x 30 (1.18") DEEP ON Ø298.0 (Ø11.73") P.C.	ANSI B17.1	-	5.625"	1.1/2" SQ.	6.00"	1.1/2" x 1"	
									DIN 6885	-	-	-	157	40 x 22	



VIEW SHOWING MANUAL OPERATED UNIT

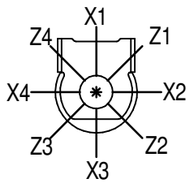
VIEW SHOWING MOTORISED UNIT

MANUAL
1:14



MOTORISED
1:14

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
720	180	285	220	37000	130	126	103	87
540	135	214	217	37000	173	124	102	86
480	120	189	217	37000	196	124	102	86

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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Document Type **PUBLICITY**
Dimensions in mm

Title
IW/MOW82 QUARTER TURN GEARBOX, 480/540/720 : 1, MANUAL, F25/ FA25 INPUT : F30/ FA30 OUTPUT

Drawing Number
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Iss. 01

Sheet 1 of 1 Size A3

Rev 05