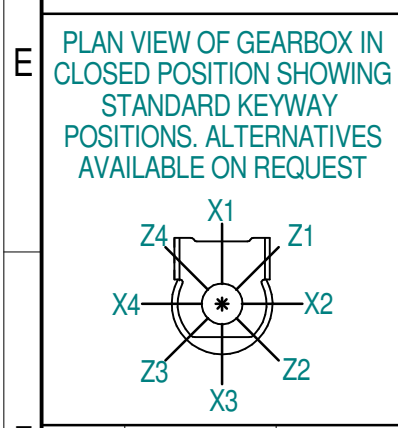
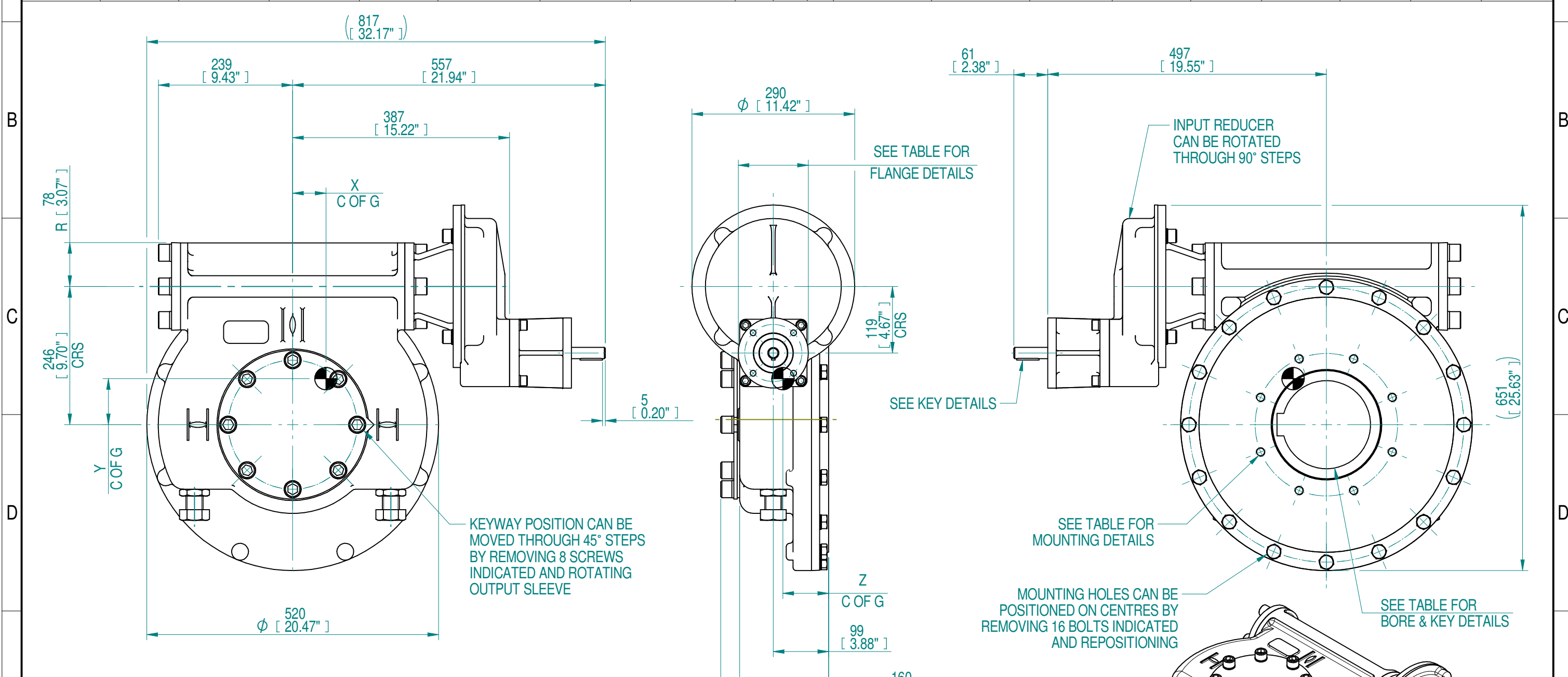


| 1 | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | | | |
|----------------------|--------------------------------|---------------------------------|---------------------------------|--------------|--|-------------------------------|---|--|--|---|-----------------|----------|----------|-----------------|-------------|--------------------|---------------|
| 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 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. | Ø418 (16.46") | Ø222 (8.74") | □ 122.9 (4.84") | BS4235 | - | - | - | 157 | 40 x 22 |
| FA10 | | | Ø58.70+0.15 (Ø2.311"+0.006") | | | | 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" | 1 1/2" x 1" | |
| | | | | | | | | | | | | DIN 6885 | - | - | - | 157 | 40 x 22 |



- 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.

| 384 | 96 | 117 | | | 318 | | | |
|-------------|----------------|-------------|-------------|-----------------|----------------|-------------------|----|----|
| 262 | 66 | 79 | 187 | 37000 | 466 | 59 | 82 | 81 |
| 192 | 48 | 58 | | | 635 | | | |
| 130 | 33 | 39 | | | 940 | | | |
| 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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www.rotork.com

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Dimensions in mm
Scale 1:7

Title **IW82 IR2S 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-IR2S**
Rev 0-1

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