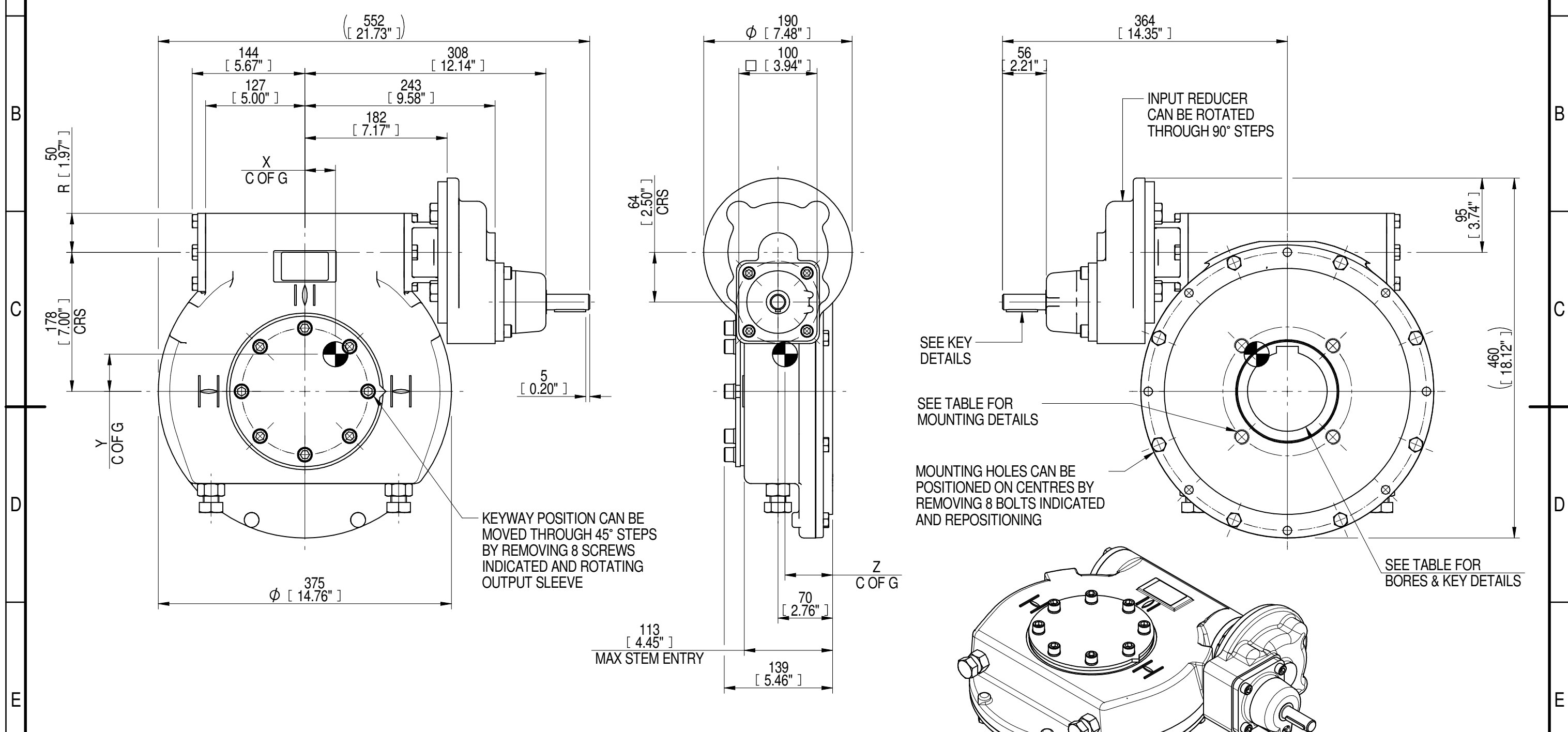
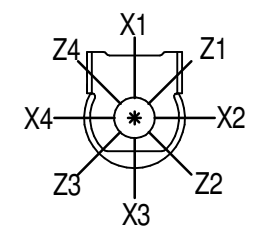


| 1 | 2 | | 3 | | 4 | | 5 | | 6 | | | 7 | | 8 | |
|----------------------|---------------------------|------------------------------|-------------|--------------|----------------------------|----------------------------|--|--|------------|----------|-----------------|-------------|--------------------|----------------|----------------|
| INPUT FLANGE DETAILS | | | | | | | MOUNTING HOLES - BOLT CIRCLE (OFF CENTRES) | | | | | | | | |
| INPUT FLANGE | FLANGE O/DIA. + THICKNESS | SHAFT DIA. | RECESS DIA. | RECESS DEPTH | HOLE DETAILS (OFF CENTRES) | KEY DETAILS | ISO 5211 / MSS SP-101 MOUNTING OPTION | HOLE DETAILS (45° OFF CENTRES) | STANDARD | MIN BORE | SQ KEY MAX BORE | SQ KEY SIZE | RECT. KEY MAX BORE | RECT. KEY SIZE | SQ BORE MAX |
| - | - | Ø20.00-0.05 (Ø0.787"-0.002") | - | - | - | 6x6x40 (0.24"x0.24"x1.57") | ISO F16* | 4 x M20 x 20 (0.79") DEEP ON Ø165.0 (Ø6.50") P.C. | BS4235 | - | - | - | 102 | 28 x 16 | □ 83.3 (3.28") |
| - | - | - | - | - | - | - | 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" | |
| - | - | - | - | - | - | - | - | - | DIN 6885 | - | - | - | 102 | 28 x 16 | |



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

| RATIO | TURNS TO CLOSE | M.A.±10% | WEIGHT (Kg) | MAX OUTPUT (Nm) | MAX INPUT (Nm) | X | Y | Z |
|-------------|----------------|----------|-------------|-----------------|----------------|-------------------|----|----|
| 280 | 70 | 88 | 70 | 13000 | 148 | 40 | 49 | 61 |
| 210 | 53 | 66 | 70 | 12060 | 183 | 40 | 48 | 61 |
| 140 | 35 | 44 | 70 | 12060 | 274 | 39 | 48 | 61 |
| DESCRIPTION | | | | TORQUE | | CENTRE OF GRAVITY | | |

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 | Title IW/MOW6 QUARTER TURN GEARBOX, 140/210/280 :1 MANUAL INPUT: F16/ FA16 OUTPUT Drawing Number PUB-IW6FBIRS-MAN-F16 | Iss. 01 |
| | Dimensions in mm | | |
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