



| RATIO | M.A.   | C.O.G. |    |     | MAX OUTPUT TORQUE Nm (lbs.ft) |
|-------|--------|--------|----|-----|-------------------------------|
|       |        | X      | Y  | Z   |                               |
| 8     | 7.280  | 0      | 74 | 151 | 8135 (6000)                   |
| 10    | 8.993  | 0      | 74 | 151 | 8135 (6000)                   |
| 12    | 10.649 | 0      | 74 | 151 | 8135 (6000)                   |
| 15    | 13.632 | 0      | 74 | 151 | 8135 (6000)                   |

| MAX BORE SQ KEY |        |           | MAX BORE RECTANGULAR KEY |        |               | MAX STEM SCREW ACCEPTANCE DIA. |
|-----------------|--------|-----------|--------------------------|--------|---------------|--------------------------------|
| STD             | BORE   | KEY       | STD                      | BORE   | KEY           |                                |
| BS4235          | -      | -         | BS4235                   | 121.0  | 32 x 18       | 127 (5.000")                   |
| BS46            | 4.500" | 1 1/4" SQ | BS46                     | 4.625" | 1 1/4" x 7/8" |                                |
| ANSI B17.1      | 4.500" | 1" SQ     | ANSI B17.1               | 4.625" | 1 1/4" x 7/8" |                                |

|         | INPUT FLANGE DETAILS |                  |                  |         |                          |                     |
|---------|----------------------|------------------|------------------|---------|--------------------------|---------------------|
|         | FLANGE               | SHAFT            | RECESS           | RECESS  | HOLE DETAILS             | KEY                 |
|         | O/DIA. & THICKNESS   | DIA.             | DIA.             | DEPTH   | 22.5°(OFF CENTRES)       | DETAILS             |
| ISO F25 | Ø300 X 20            | Ø50.00-0.05      | Ø200.10+0.10     | 5       | 8 HOLES Ø16.5 (Ø0.65")   | 14x9x55             |
|         | (Ø11.81" X 0.79")    | (Ø1.969"-0.002") | (Ø7.878"+0.004") | (0.20") | ON Ø254.0 (Ø10.00") P.C. | (0.55"x0.35"x2.17") |
| FA25    | Ø300 X 20            | Ø50.00-0.05      | Ø152.37+0.10     | 5       | 8 HOLES Ø16.5 (Ø0.65")   | 14x9x55             |
|         | (Ø11.81" X 0.79")    | (Ø1.969"-0.002") | (Ø5.999"+0.004") | (0.20") | ON Ø254.0 (Ø10.00") P.C. | (0.55"x0.35"x2.17") |

|         | BASEPLATE DETAILS |  |
|---------|-------------------|--|
|         | SPIGOT DIA.       | HOLE DETAILS (22.5° OFF CENTRES)               |
| ISO F35 | Ø259.95-0.05      | 8 HOLES M30x40 (1.57") DEEP (Ø10.234"-0.002")  |
|         | Ø215.80-0.25      | 8 HOLES 1"UNCx40 (1.57") DEEP (Ø8.496"-0.008") |
| FA35    | Ø259.95-0.05      | ON Ø356.0 (Ø14.02") P.C.                       |
|         | Ø215.80-0.25      | ON Ø355.6 (Ø14.00") P.C.                       |

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gears**

IS13 GEARBOX  
F25/FA25 INPUT F35/FA35 OUTPUT

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT [www.rotork.com](http://www.rotork.com)

APPROX WEIGHT 207.5 kg

|            |                 |  |
|------------|-----------------|--|
| DRAWING No | PUBIS13-F25-F35 | Regina House<br>Ring Road<br>Bramley<br>Leeds<br>LS134ET<br>United Kingdom |
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