

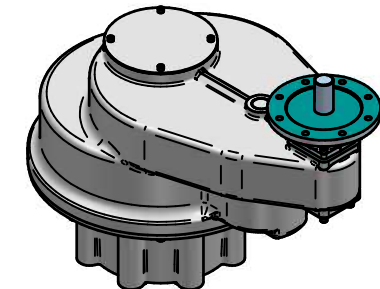
| RATIO | M.A. | C.O.G. | | | MAX. OUTPUT TORQUE Nm (lbs.ft) |
|-------|--------|--------|-----|-----|--------------------------------|
| | | X | Y | Z | |
| 15 | 13.650 | 0 | 107 | 335 | 43386 (32000) |
| 24 | 21.680 | 0 | 105 | 339 | 43386 (32000) |

| MAX BORE SQ KEY | | | MAX BORE RECTANGULAR KEY | | |
|-----------------|--------|--------------------------------------|--------------------------|--------|---|
| STD | BORE | KEY | STD | BORE | KEY |
| BS4235 | - | - | BS4235 | 170.0 | 40x22 |
| BS46 | 6.125" | 1 ¹⁷ / ₃₂ " SQ | BS46 | 6.500" | 1 ³ / ₄ "x1 ¹ / ₄ " |
| ANSI B17.1 | 6.125" | 1 ¹ / ₂ " SQ | ANSI B17.1 | 6.500" | 1 ¹ / ₂ "x1" |

| MAX STEM SCREW ACCEPTANCE DIA. |
|--------------------------------|
| 190 (7.375") |

| INPUT FLANGE DETAILS | | | | | | |
|----------------------|--------------------------------|--------------------------|--------------------------|---------|---------------------------------------|---------------------|
| ISO | FLANGE | SHAFT | RECESS | RECESS | HOLE DETAILS | KEY |
| | O/DIA. & THICKNESS | DIA. | DIA. | DEPTH | 22.5°(OFF CENTRES) | DETAILS |
| F25 | $\phi 300 \times 20$ | $\phi 50.00-0.05$ | $\phi 200.10+0.10$ | 5 | 8 HOLES $\phi 16.5$ ($\phi 0.65$) | 14x9x80 |
| | ($\phi 11.81" \times 0.79"$) | ($\phi 1.969"-0.002"$) | ($\phi 7.878"+0.004"$) | (0.20") | ON $\phi 254.0$ ($\phi 10.00$) P.C. | (0.55"x0.35"x3.15") |
| FA25 | $\phi 300 \times 20$ | $\phi 50.00-0.05$ | $\phi 152.37+0.10$ | 5 | 8 HOLES $\phi 16.5$ ($\phi 0.65$) | 14x9x80 |
| | ($\phi 11.81" \times 0.79"$) | ($\phi 1.969"-0.002"$) | ($\phi 5.999"+0.004"$) | (0.20") | ON $\phi 254.0$ ($\phi 10.00$) P.C. | (0.55"x0.35"x3.15") |

| BASEPLATE DETAILS | | |
|-------------------|---------------------------|---------------------------------------|
| ISO | SPIGOT DIA. | HOLE DETAILS (22.5° OFF CENTRES) |
| F40 | $\phi 299.95-0.05$ | 8 HOLES M36x45 (1.77") DEEP |
| FA40 | ($\phi 11.809"-0.002"$) | ON $\phi 406.0$ ($\phi 15.98$) P.C. |
| | $\phi 228.60-0.15$ | 8 HOLES 1.25"UNCx45 (1.77") DEEP |
| | ($\phi 9.000"-0.006"$) | ON $\phi 406.4$ ($\phi 16.00$) P.C. |



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gears**

IS19 GEARBOX
F25/FA25 INPUT F40/FA40 OUTPUT

APPROX WEIGHT 608.6 kg

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT www.rotork.com

| DRAWING No | PUBIS19-F25-F40 |
|------------|-----------------|
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