



| RATIO | M.A. | C.O.G. | | | MAX OUTPUT TORQUE Nm (lbs.ft) |
|-------|------|--------|----|----|-------------------------------|
| | | X | Y | Z | |
| 6 | 5.10 | 0 | 72 | 27 | 8135 (6000) |
| 8 | 6.80 | 0 | 71 | 26 | 8135 (6000) |

| MAX BORE SQ KEY | | | MAX BORE RECTANGULAR KEY | | | MAX STEM SCREW ACCEPTANCE DIA |
|-----------------|--------|---------|--------------------------|--------|-----------|-------------------------------|
| STD | BORE | KEY | STD | BORE | KEY | |
| BS4235 | - | - | BS4235 | 96.0 | 28x16 | 100(3.875") |
| BS46 | 3.500" | 7/8" SQ | BS46 | 3.625" | 1"x3/4" | |
| ANSI B17.1 | 3.500" | 7/8" SQ | ANSI B17.1 | 3.625" | 7/8"x5/8" | |

| | INPUT FLANGE DETAILS | | | | | BASEPLATE DETAILS | |
|---------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|--|--|---|
| | FLANGE O/DIA. & THICKNESS | SHAFT DIA. | RECESS DIA. | RECESS DEPTH | HOLE DETAILS 45°(OFF CENTRES) DETAILS | SPIGOT DIA. | HOLE DETAILS (22.5° OFF CENTRES) |
| ISO F16 | Ø210 x 20 (Ø8.27" x 0.79") | Ø40.00-0.05 (Ø1.575"-0.002") | Ø130.05+0.05 (Ø5.120"+0.002") | 5 (0.20") | 4 HOLES Ø20.5 (Ø0.81") ON Ø165.0 (Ø6.50") P.C (0.47"x0.31"x2.17") | Ø259.95-0.05 (Ø10.234"-0.002") | 8 HOLES M30x40 (1.57") DEEP ON Ø356.0 (Ø14.02") P.C. |
| | FA16 | Ø210 x 20 (Ø8.27" x 0.79") | Ø40.00-0.05 (Ø1.575"-0.002") | Ø126.24+0.05 (Ø4.997"+0.002") | 5 (0.20") | 4 HOLES Ø20.5 (Ø0.81") ON Ø165.0 (Ø6.50") P.C (0.47"x0.31"x2.17") | Ø215.80-0.25 (Ø8.496"-0.008") |

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**IB12 GEARBOX
F16/FA16 INPUT F35/FA35 OUTPUT**

DETAILS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

FOR UP TO DATE DETAILS VISIT www.rotork.com

APPROX WEIGHT 167.5 kg

| | | |
|------------|-----------------|--|
| DRAWING No | PUBIB12-F16-F35 | Regina House Ring Road Bramley Leeds LS134ET United Kingdom |
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