

TRAVEL **90° ±5° AT BOTH ENDS**
 RATIO **309.1:1**
 TURNS TO CLOSE **77.3**
 MECHANICAL ADVANTAGE ... **99 ±10%**

MAXIMUM OUTPUT TORQUE (1000 CYCLES)..... **13000 Nm**
 MAXIMUM OUTPUT TORQUE (5000 CYCLES)..... **10800 Nm**
 MAXIMUM INPUT TORQUE (1000 CYCLES)..... **131 Nm**
 MAXIMUM INPUT TORQUE (5000 CYCLES)..... **109 Nm**

MOUNTING HOLE DETAIL (ISO 5211:2001)

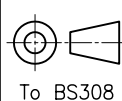
PREFERRED **F30 (8 x M20 on 298 PCD)**
 MAXIMUM **F30 (8 x M20 on 298 PCD)**
 MINIMUM **F20 (8 x M12 on 197 PCD)**

APPROXIMATE WEIGHT **84 kg**



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DIMENSIONS
 IN
 MM [INCHES]

DATE	18Feb05
DRAWN	PAB
CHECKED	MAB
SCALE	3:16

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REV. **A**