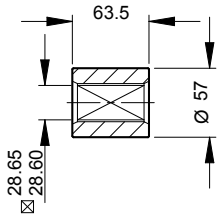
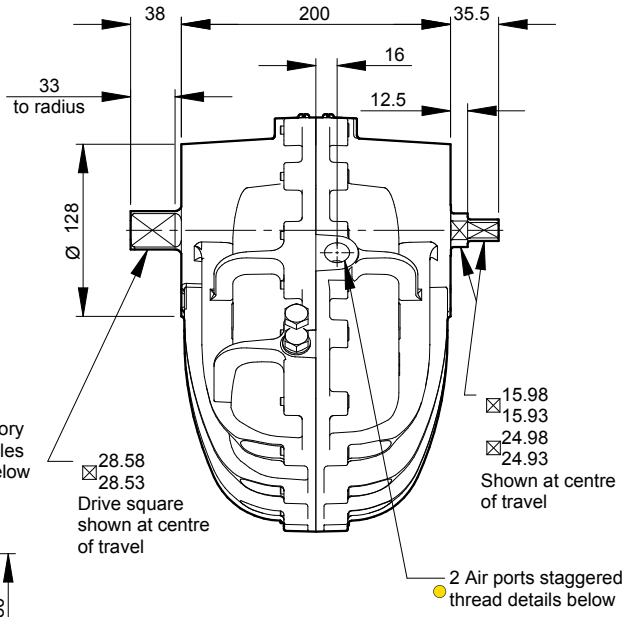
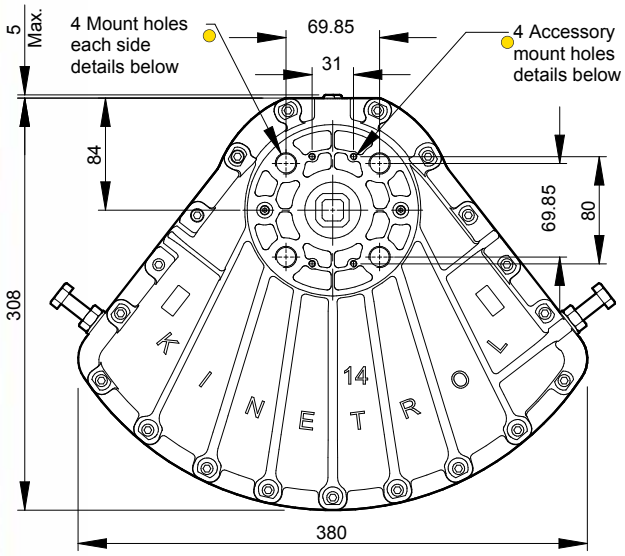


Visual Indicator Standard

Standard Coupling (supplied with actuator weight 1.5 lbs/0.7 kg)







Air Port/Mount Hole Details

Model	Air Ports	Mount Holes & Accessory Mount Holes
144-100	$G^1/_2$	4 x M16 x 28.5 deep on 98.8 PCD 4 x M5 x 10 deep
147-100	$^1/_2$ NPT	4 x $^5/_8$ UNC x 1.12" deep on 3.89" PCD 4 x 10-24 x 3/8" deep

Specification

Output Torque

12000 lbf ins/1375 Nm at 100 psi/7 bar

Angle of Travel (adjustable)

80° - 100° (restricted travel versions available)

Displaced Volume

201 in^3/3294 cm^3

Finish

Epoxy stove enamel

Weight

29.5 lb/13.4 kg (excluding coupling)

For further information see General Specification on page 47.

ATEX CATEGORY 2 APPROVED

Options

- ☐ **Fail safe spring return units - clockwise or counter clockwise see pages 3-5**
- ☐ **Limit switch boxes for open/close indication - various switches for hazardous areas see pages 7-10**
- ☐ **AP pneumatic positioner - full range of options see pages 15/16**
- ☐ **EL electropneumatic positioner - full range of options see pages 13/14**
- ☐ **Integral solenoid valve see page 18**
- ☐ **P3 on/off positioner - full range of options including hazardous area see pages 19-21**
- ☐ **180° model see page 23/24**
- ☐ **Female drive and mounting details to DIN 3337 and ISO 5211 see page 48**
- ☐ **Spring to centre see page 22**
- ☐ **Geared manual override see page 44**
- ☐ **Code identification see page 57**
- ☐ **Torque outputs see pages 55/56**
- ☐ **See pages 48-50 for English dimensions and dimensions of spring options**
- ☐ **Accessory mount plate for positioners, switch boxes and clear cone monitor. See TD149.**
- ☐ **High Temperature / Low temperature options see page 47**