Kinetrol Model 10 Double Acting Actuator

Specification

Angle of Travel (adjustable)
78° - 100°
(restricted travel versions available)

Displaced Volume
1025 cm^3 / 62.5 in^3

Materials of Construction
Casing: Pressure die cast aluminium alloy
Vane & Output Shaft: SG iron, zinc plated
Shaft bushes: PTFE coated bronze (lead free)
Seals: Moulded polyurethane
Seal expanders: Stainless spring steel

Finish
Epoxy thermoset powder

Weight
5.4 kg / 11.9 lb (no coupling)

Operating Temperature
-40°C to +80°C (-40°F to +176°F)

ATEX Category 2

Double Acting Torques

Metric Units - Nm

	Pressure (bar)											
Actuator Model	**1.5**	**2.0**	**2.5**	**3.0**	**3.5**	**4.0**	**4.5**	**5.0**	**5.5**	**6.0**	**6.5**	**7.0**
10-100	80	111	141	172	202	232	263	294	325	355	385	416

English Units - lbf ins

	Pressure (psi)								
Actuator Model	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**
10-100	640	1020	1390	1760	2130	2500	2880	3250	3625

Options

- ☐ Fail safe spring return units - clockwise or counter clockwise
- ☐ Limit switch boxes for open/closed indication - various switches including hazardous area
- ☐ Integral solenoid valve
- ☐ AP pneumatic positioner - full range of options
- ☐ EL electropneumatic positioner - full range of options
- ☐ P3 on/off positioner - full range of options including hazardous area
- ☐ G3/8” or 3/8” NPT air port option available - contact Kinetrol
- ☐ Clear Cone monitor
- ☐ Geared manual override
- ☐ High temperature / Low temperature options
- ☐ VDI/VDE 3845 Namur accessory mounting option available - contact Kinetrol
- ☐ Available in Blueline paint finish

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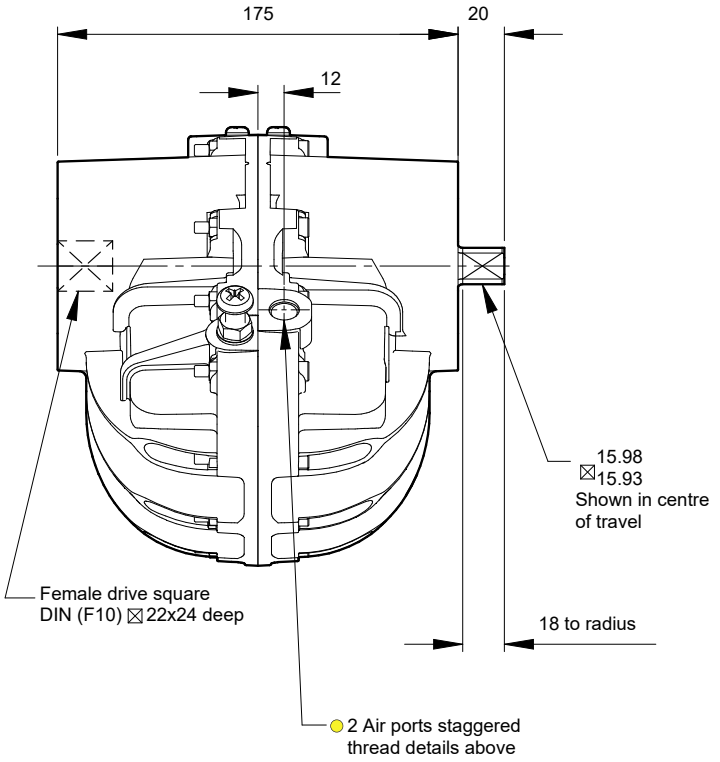
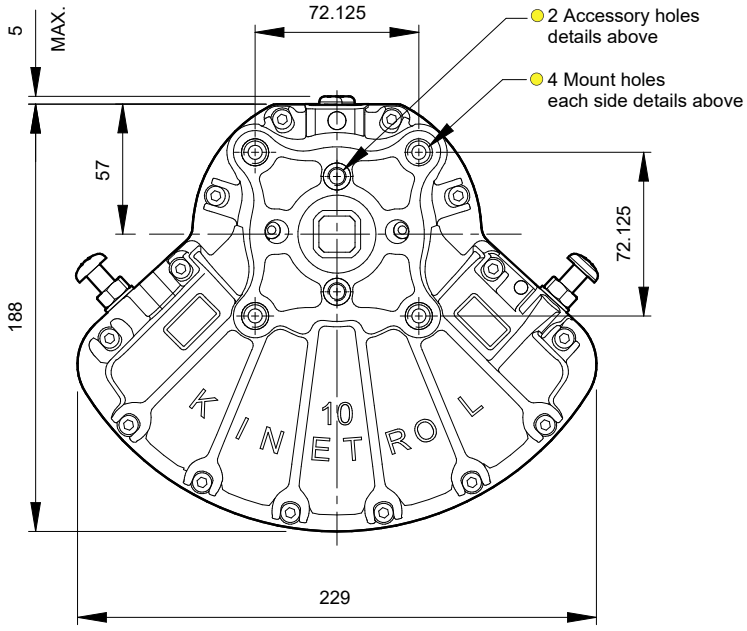
Product Code	Air Ports	Mount Holes
103-100	G¼	4 x M10 x 16 deep on 102.0 PCD 2 x M8 x 16 deep on 50.8 PCD
107-100	¼ NPT	4 x ⅜-16 UNC x 0.63” deep on 4.02” PCD 2 x 5/16-16 UNC x 0.63” deep on 2.00” PCD

Visual red indicator supplied as standard

Dimensions