Kinetrol Model 02 Double Acting Actuator

Specification

Angle of Travel (adjustable)
80° - 100°
(restricted travel versions available)

Displaced Volume
31 cm^3 / 1.89 in^3

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

Finish
Epoxy thermoset powder

Weight
0.24 kg / 0.53 lb (excluding coupling)

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

ATEX Up to 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**
02-100	1.8	2.7	3.6	4.6	5.5	6.4	7.3	8.2	9.2	10.2	11.1	12.1

English Units - lbf ins

	Pressure (psi)								
Actuator Model	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**
02-100	14	25	36	48	59	70	82	93	105

Options

- Fail safe spring return units - clockwise or counter clockwise
- 180° and 120° model
- Female drive and mounting details to DIN 3337 and ISO 5211
- ISO adaptor

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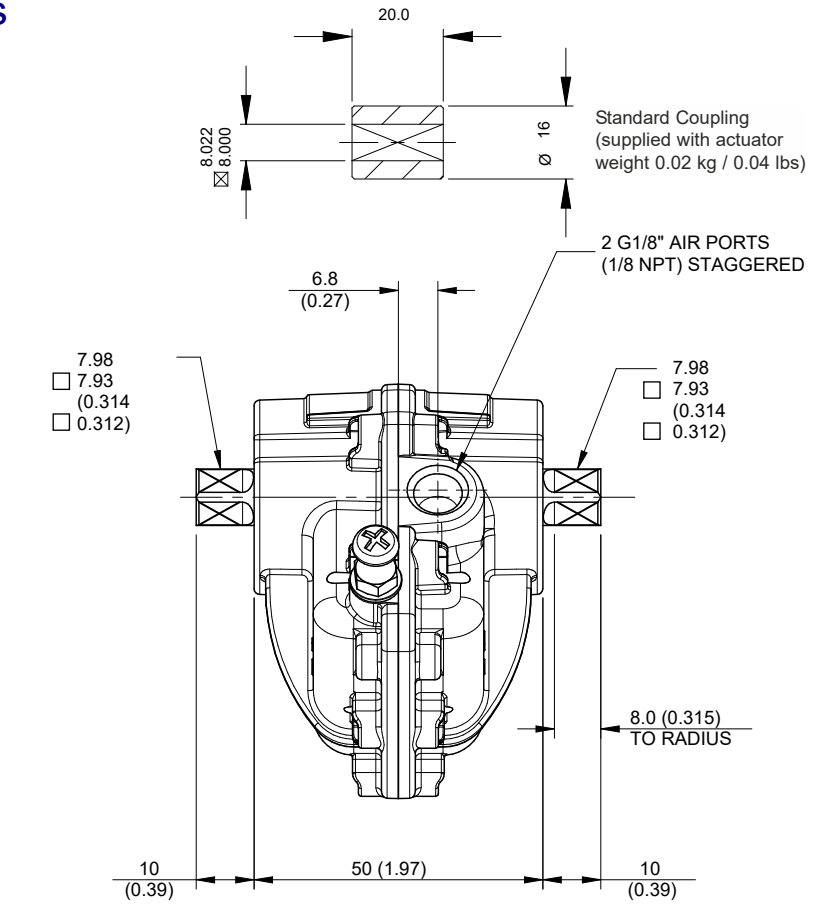
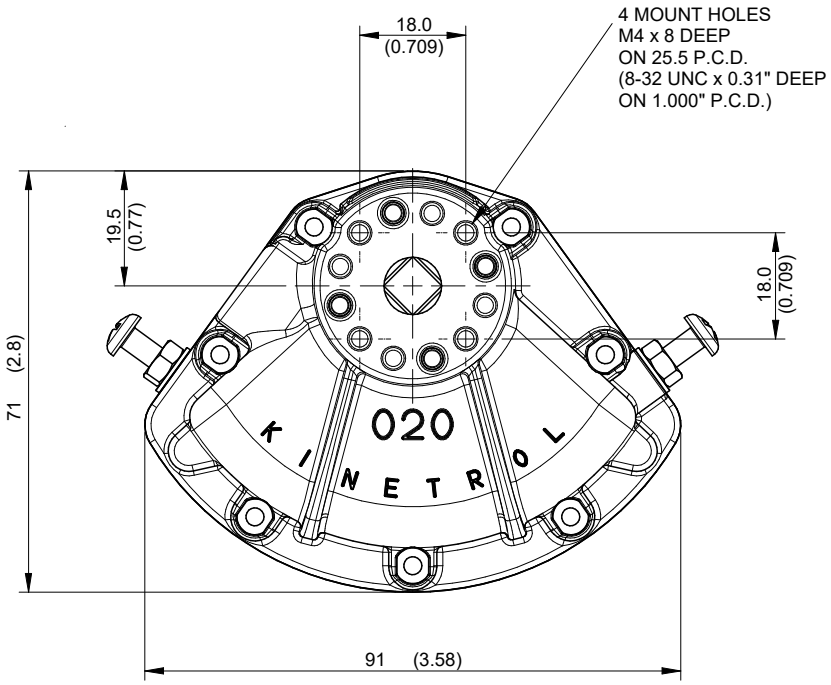
Product Code	Air Ports	Mount Holes
024-100	G⅛	4 x M4 x 8 deep on 25.5 PCD
027-100	⅛ NPT	4 x 8-32 UNC x 0.31” deep on 1.00” PCD

Visual red indicator supplied as standard

Dimensions