Kinetrol Model 18 Double Acting Actuator

Specification

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

Displaced Volume
17170 cm^3 / 1047 in^3

Materials of Construction
Casing: 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
92.0 kg / 202.83 lb (excluding 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**
18-100	1250	1750	2250	2750	3250	3750	4300	4850	5400	5950	6400	6900

English Units - lbf ins

	Pressure (psi)								
Actuator Model	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**
18-100	10000	16100	22200	28300	34500	41300	48000	54500	60000

Options

- ☐ Fail safe spring return units
  - clockwise or counter clockwise
- ☐ Limit switch boxes for open/closed indication
  - various switches including hazardous area
- ☐ AP pneumatic positioner - full range of options
- ☐ EL electropneumatic positioner - full range of options
- ☐ Female drive and mounting details to DIN 3337 and ISO 5211
- ☐ Spring to centre
- ☐ Geared manual override
- ☐ G3 Damper Drive
- ☐ High temperature / Low temperature options
- ☐ Steadyline assembly

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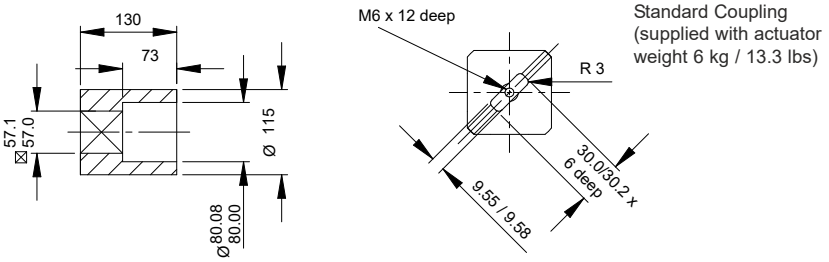
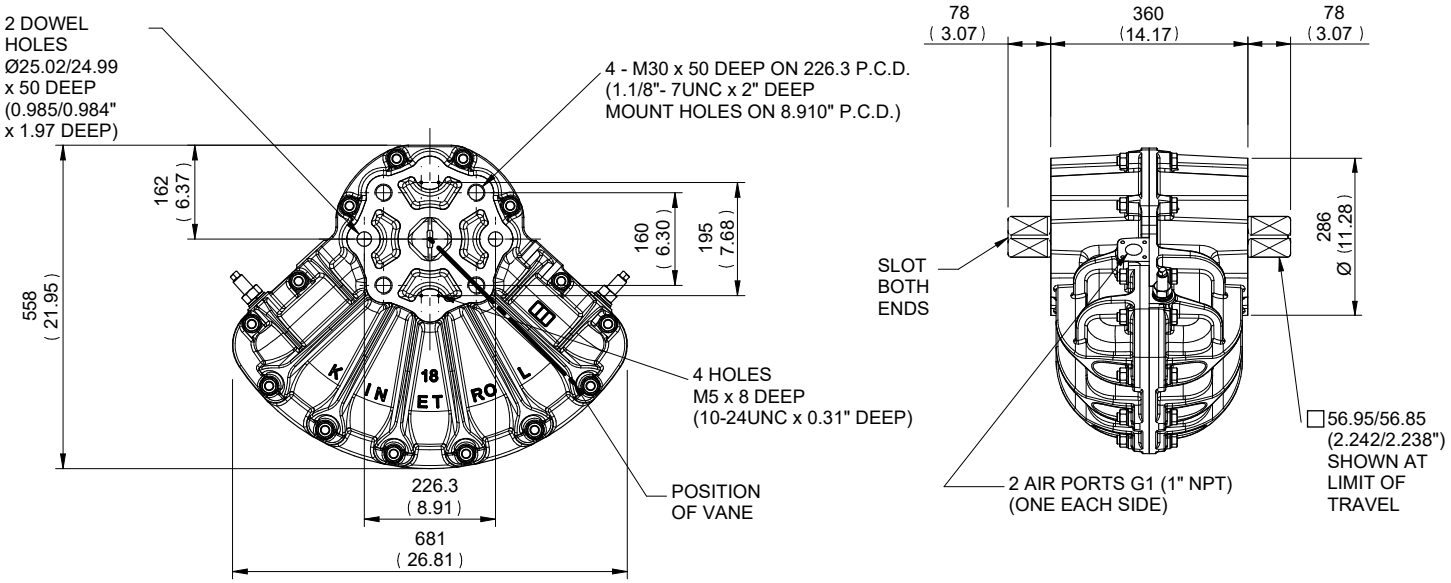
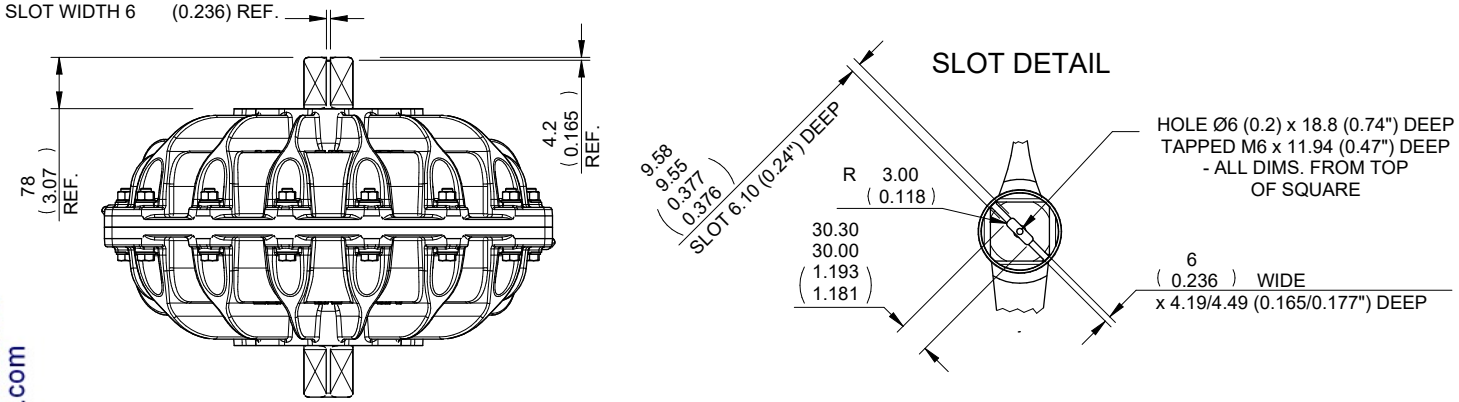
Product Code	Air Ports	Mount Holes
184-100	G1	4 x M30 x 50 deep on 226.3 PCD 4 x M5 x 8 deep
187-100	1 NPT	4 x 1⅛-7 UNC x 2.00” deep on 8.91” PCD 4 x 10-24 UNC x 0.31” deep

Dimensions