

Kinetrol Model 05 Stainless Steel Double Acting Actuator

Specification

Angle of Travel (adjustable)

74° - 100°

(restricted travel versions available)

Displaced Volume

113 cm³ / 6.9 in³

Materials of Construction

Casing: CF3M / 316L Stainless steel

Vane & Output Shaft: ANC21 Stainless steel

Shaft bushes: PTFE coated bronze (lead free)

Seals: Moulded polyurethane

Seal expanders: Stainless spring steel

Coupling: 303 Stainless steel (316 option on request)

Finish

Shot blasted, acid pickled

Weight

1.73 kg / 3.81 lb (excluding coupling)

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

Double Acting Torques

Metric Units - Nm

Actuator Model	Pressure (bar)											
	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
05-100SS	9.0	12.5	16.5	20.0	24.0	27.5	31.5	35.0	39.0	43.0	46.5	50.5

English Units - lbf ins

	Pressure (psi)								
Actuator Model	20	30	40	50	60	70	80	90	100
05-100SS	70	116	160	205	250	300	346	393	440

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Product Code

054-100SS

057-100SS

Air Ports

G $\frac{1}{8}$

$\frac{1}{8}$ NPT

Mount Holes

6 x M5 x 10 deep on 34.9 PCD

2 x M8 x 9 deep on 50.8 PCD

6 x 10-24 UNC x 0.39" deep on 1.375" PCD

2 x $\frac{5}{16}$ -18 UNC x 0.35" deep on 2.00" CTRS

Visual red indicator supplied as standard

Dimensions

