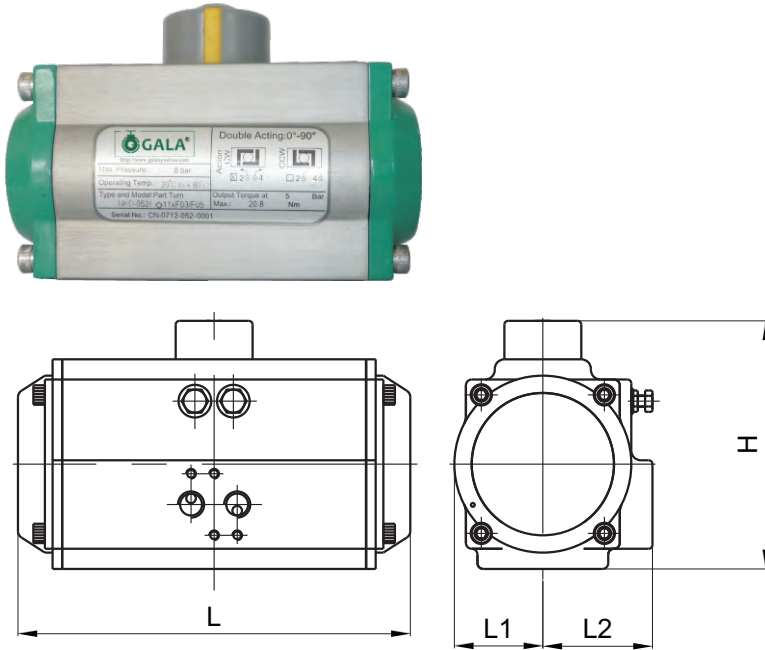


Pneumatic Actuator



Base Features:

1. Indicator

A position indicator with Namur mounting is standard on all pneumatic actuators for mounting accessories.

2. Pinion

The hardened alloy steel pinion is precision ground and Nickel plated (over 25um) in order to reduce friction, provide maximum wear resistance. Full conformance with the newest standards of ISO5211, DIN3337. The dimension can be customized and as options, stainless steel and aluminium are also available.

3. Actuator Body

The aluminum extrusion is hard anodized (over 30um) to protect against wear and corrosion while reducing piston friction to the absolute minimum. Other options such as Nickel plating, PTFE and powder polyester painting are available.

4. End Caps

Epoxy coated (over 200um) die cast aluminum end caps provide maximum resistance against potentially corrosive elements.

5. Pistons

The precisely-balanced and hard anodized (over 30um) die cast aluminum pistons are fitted with high quality rings and guides. The twin rack and position design creates a constant torque output on all actuators.

6. Travel Adjustment

The standard adjustment is $\pm 5^\circ$ in both the open and closed positions through easily accessible external adjustment bolts.

7. High Performance Springs

The high tensile steel springs are coated with zinc phosphate for corrosion resistance and longer service. The pre-loaded springs can be safely & rapidly disassembled.

8. Bearings & Guides

The highly durable compound material provides high trust stability with minimum friction and long life.

9. O-Rings

NBR O-Rings provide trouble-free operation at standard temperature ranges. Viton and Silicone O-rings are available for high or low temperature applications.

Dimensions

Model	L	H	L1	L2	Valve Connection	Air Connection
NK-032	110	65	22.5	22.5	□ 9	F03 - 1/8"
NK-052	137	94	30	41	□ 11	F05 F03 1/8" or 1/4" (std.)
NK-063	158	108	36	45	□ 14	F07 F05 1/8" or 1/4" (std.)
NK-075	168	120	42	50	□ 14	F07 F05 1/8" or 1/4" (std.)
NK-083	192	129	46	52.5	□ 17	F07 F05 1/8" or 1/4" (std.)
NK-092	249	140	50.5	56	□ 17	F07 F05 1/8" or 1/4" (std.)
NK-105	262	153	57.5	64	□ 22	F10 F07 1/4"
NK-125	313	175	67.5	70	□ 22	F10 F07 1/4"
NK-140	380	192	75	76	□ 27	F12 F10 1/4"
NK-160	434	217	86.5	87.5	□ 27	F12 F10 1/4"
NK-190	491	260	102	102	□ 36	F14 - 1/4"
NK-210	548	285	113	113	□ 36	F14 - 1/4"
NK-240	626	320	130	130	□ 46	F16 - 1/4" (std.) or 3/8"
NK-270	698	355	147	147	□ 46	F16 - 1/4" (std.) or 1/2"