



Norgren Pneumatic Actuator Products

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Norgren Pneumatic Actuators



Section 1 – Series 90000 Compact Actuators

Fluids: Compressed air, filtered, lubricated or non-lubricated
 Operating Pressure: 14.5 to 145 PSI (1 to 10 bar)
 Operating Temperature: 23°* to 176°F (-5°* to 80 °C)
 * Consult Technical Service for use below 35°F (2° C)
 Bore Sizes: 0.50"(12mm), 0.625" (16mm), 0.75" (20mm), 1.0" (25mm),
 1.25" (32mm), 1.50" (40mm), 2.0" (50mm) 2.50" (63mm),
 3.125" (80mm), 4.0" (100mm)



Section 2 – Roundline Stainless Steel Body Actuators

Fluids: Filtered, lubricated or non-lubricated, compressed air
 Maximum Operating Pressure: 250 psig (17.2 bar)
 Temperature Range:
 Standard Nitrile Seals: -20° to 200°F (-29° to 93°C)
 Viton Seals: -20° to 400°F (-29° to 205°C)
 Bore Sizes: .438" (11mm), .563" (14mm), .75" (19mm), 1.063" (27mm),
 1.25" (32mm), 1.50" (40mm), 2.0" (50mm), 2.50" (63)



Section 3 – Series SS Stainless Steel Actuators

Fluids: Filtered compressed air to 250 PSI
 Petroleum based hydraulic fluid to 400 PSI
 Lubrication: None required
 Operating Pressure:
 250 psig air (17.2 bar)
 400 psig hydraulic (27.6 bar)
 Operating Temperatures:
 Series SS: -40° to 200°F (-40° to 93°C)
 Series D: -20° to 250°F (-29° to 204°C)
 with Viton Seals: -20° to 400°F (-29° to 204°C)
 Bore Sizes: 1.125" (29mm), 1.50" (38mm), 2.0" (51mm), 2.50" (64mm), 3.25"
 (83mm), 4.0" (102mm), 5.0" (127mm), 6.0" (152mm), 8.0" (203mm)



Section 4 – Series N Non-Rotating Actuators

Fluids: Filtered compressed air to 250 psi
 (For hydraulic service consult factory.)
 Operating Pressure: 250 psig (17.2 bar)
 Operating Temperatures: -20° to 200°F (-29° to 93°C)
 Bore Sizes: 1.125" (29mm), 1.50" (38mm), 2.0" (51mm), 2.50" (64mm),
 3.25" (83mm), 4.0" (102mm)

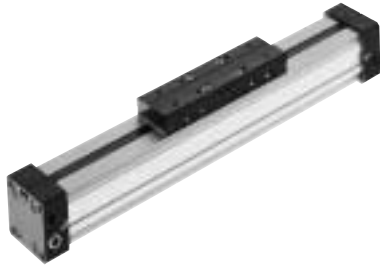


Section 5 – 8000 & 8000/M ISO VDMA Actuators

Fluids: Compressed air, filtered, lubricated and non-lubricated
 Operating Pressure: 1 to 16 bar (14.5 to 232 psig)
 Operating Temperature: -20° to 80°C max (-4° to 176°F max)
 (Consult Technical Services for use below 2°C (35°F))
 Bore Sizes: 32, 40, 50, 63, 80, 100, 125, 160, 200, 250, 320 mm
 Note: Corrosion Resistant available.



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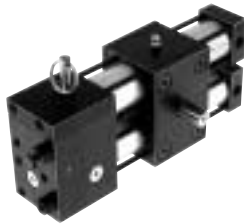
Section 6 – Lintra Series 46000 Rodless Actuators

Fluids: Compressed air filtered to 50 μ and lubricated
 Operating Pressure
 16 mm: 22 to 150 psig (1.5 to 10 bar)
 20 mm to 80 mm: 15 to 150 psig (1 to 10 bar)
 Operating Temperatures
 -22° to 180°F* (-30°C to 80°C)
 *With dewpoint of supply air less than ambient air temperature.
 Bore Sizes: 0.63" (16mm), 0.79" (20mm), 0.98" (25mm), 1.26" (32mm),
 1.57" (40mm), 1.97" (50mm), 2.48" (63mm), 3.15" (80mm)



Section 7 – Lintra-Lite Series A440000 Rodless Actuators

Fluids: Compressed air, filtered to 50 μ and lubricated
 Operating Pressure: 15 to 118 psig (1 to 8 bar)
 Operating Temperatures: -22° to 180°F* (-30° to 80°C)
 *With dewpoint of supply air less than ambient air temperature at cylinder,
 consult our Technical Service for use below 36°F (2°C)
 Bore Sizes: 1.0" (25mm), 1.25" (32mm), 1.50" (40mm)



Section 8 – Rack and Pinion Rotary Actuators

Fluids: Filtered compressed air to 150 psi (10 bar)
 Operating Pressure: 150 psi (10 bar)
 Operating Temperature:
 -20° to 200°F (-29° to 93°C) with Standard Nitrile Seals
 -20° to 400°F (-29° to 204°C) with Viton® Seals
 -20° to 250°F (-29° to 121°C) with Low Friction Seals
 Bore Sizes: 0.50" (12mm), 0.75" (20mm), 1.125" (29mm), 1.50" (38mm), 2.00"
 (50mm), 2.50" (64mm)



Section 9 – Rotary Vane Actuators

Fluids: Lubricated or non-lubricated, filtered, compressed air
 Operating Pressure:
 M/60280, M/60281: 44 to 102 psig (3 to 7 bar)
 M/60282, C/60283: 29 to 102 psig (2 to 7 bar)
 C/60284, C/60084/TI: 29 to 145 psig (2 to 10 bar)
 Operating Temperature: 40° to 140°F (5° to 60°C)



Section 10 – Tiny Tim Actuators

Fluids: Filtered compressed air to 150 psi (10 bar)
 Operating Pressure: 150 psi (10 bar)
 Operating Temperature:
 -20° to 225°F (-30° to 110°C) with Standard Seals
 -40° to 200°F (-40° to 90°C) with Buna N Seals
 -40° to 350°F (-40° to 175°C) with Viton Seals
 Bore Sizes: 3/4", 1", 1-1/8"



Section 11 – NFPA Aluminum & Steel Actuators

Fluids: Filtered compressed air to 250 psi (17 bar)
 Operating Pressure: 250 psi (17 bar)
 Operating Temperature:
 Series EA -20°F to 200°F (-29°C to 107°C)
 with Viton Seals -20°F to 400°F (-29°C to 204°C)
 Bore Sizes: 1-1/2", 2", 2-1/2", 3-1/4", 4", 5", 6", 7", 8"