

Data sheet

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Hytorc XL

Materials of Construction

XL Series Actuators (European Terminology)

Component Description	Material	Qty	Model Numbers
Body	Aluminium, Ceramigard Treated and Polyester Powder Coated	1	XL26 - XL4581
End Cap	Aluminium, Electrophoretic Coated and Polyester Powder Coated	2	XL26 - XL4581
Piston	Aluminium	2	XL26 - XL4581
*Retractor Cap	Steel , Zinc Plated	2	XL1127, 4581
Thread Insert (Piston)	Steel , Zinc Plated	2	XL26 - XL681
Pinion	Steel , Cobalt Zinc Plated	1	XL26 - XL4581
*Springs	Spring Steel , Electrophoretic Coated	2 or 4	XL26 - XL4581
Travel Stop / Locking Nut	Stainless Steel	2	XL26 - XL1372
Thread Seal	Stainless Steel / Rubber	2	XL26 - XL221
Washer	Stainless Steel	2	XL281 - XL1372
Circlip	Spring Steel , Zinc Plated	1	XL26 - XL4581
Steel Thrust Washer	Stainless Steel	1	XL26 - XL221
	Steel , Zinc Plated and Passivated	1	XL281 - XL4581
Thrust Washer	Nylatron (MoS2 filled PA66)	1	XL26 - XL4581
Ball Plug	High Carbon Chromium Steel	2	XL26 - XL4581
SAFEKEY Head	Composite	2	XL26 - XL4581
SAFEKEY Wire	Stainless Steel	2	XL26 - XL4581
Sealing 'O' rings	Nitrile Rubber (Optional - Viton or Silicone)	10	XL26 - XL4581
Bearings (Piston & Pinion)	Acetal M90	6	XL26 - XL4581
Position Indicator	Non-Static Polymer	1	XL26 - XL4581
Location Ring	Acetal M90	1	XL26 - XL4581
Grease	Lithium based (for Nitrile Rubber)		XL26 - XL4581

**Spring Return Models Only*

Temperature range for above mentioned parts : -20°C to +100°C / -4°F to +212°F

Optional temperature ranges:

High temperature range : -20°C to +120°C / -4°F to +248°F (see data sheet D128 for more details)

Low temperature range : -40°C to +100°C / -4°F to +212°F (see data sheet D129 for more details)



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