

## Data sheet

Sheet No.: D128, Rev. D  
Date: February 2016

# Hytork XL

# High Temperature Actuator

## For for general high temperature applications

These Hytork XL Actuators contain special soft parts, like O-ring seals, wear strips, bearings and grease to enable them to remain functional at high temperatures of up to +120°C / +248°F.

Hytork XL actuators can be supplied as standard with a High Temperature trim kit. To upgrade standard Hytork XL actuators to this High Temperature variation or for maintenance, trim kits are available with the appropriate parts and instructions.

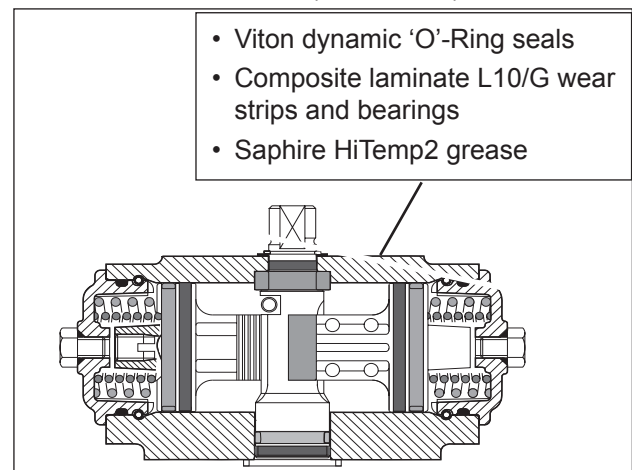
### Option:

A special execution is available for Tunnel Applications. This execution allows higher temperatures than +120° / 248°F, but with a limited operational time and number of cycles ( up to 250°C / 482°F, for a minimum of 2 hours).

Please see data sheet D120 for more details.

### Specifications:

Temperature range	: -20°C to +120°C / -4°F to +248°F
Dynamic O-ring seals	: Fluorocarbon Rubber 9775 (Viton).
Static O-ring seals	: Nitrile Rubber (Buna-N)
Bearing material	: High Temp composite laminate L10/G
Grease	: Sapphire HiTemp2, a synthetic hydrocarbon oil with a lithium complex thickener (NLGI No. 2).



Component Description	Material	Qty	Model Numbers
<b>Dynamic 'O'-ring Seals (to be exchanged)</b>			
'O' ring Pinion top	Fluorocarbon Rubber 9775 (Viton).	1	XL26 - XL4581
'O' ring Pinion Bottom	Fluorocarbon Rubber 9775 (Viton).	1	XL26 - XL4581
'O' ring Piston	Fluorocarbon Rubber 9775 (Viton).	2	XL26 - XL4581
<b>Static 'O'-ring Seals (same as standard)</b>			
'O' ring End Cap	Nitrile Rubber (Buna-N)	2	XL26 - XL4581
'O' ring SAFEKEY Head	Nitrile Rubber (Buna-N)	2	XL26 - XL4581
Thread Seal	Stainless Steel / Rubber	2	XL26 - XL221
'O' ring Limit Stops	Nitrile Rubber (Buna-N)	2	XL281 - XL1372
'O' ring End Cap Stop bolt	Nitrile Rubber (Buna-N)	2	XL26 - XL4581
<b>Wear Strips and Bearings (to be exchanged)</b>			
Piston Wear Strips	High Temp composite laminate L10/G	2	XL26 - XL4581
Piston Head Glide Ring	High Temp composite laminate L10/G	2	XL26 - XL4581
Pinion Top Bearing	High Temp composite laminate L10/G	1	XL26 - XL4581
Pinion Bottom Bearing	High Temp composite laminate L10/G	1	XL26 - XL4581



www.Hytork.com

Copyright © Emerson Process Management. The information in this document is subject to change without notice. Updated data sheets can be obtained from our website [www.hytork.com](http://www.hytork.com) or from your nearest Valve Automation Center  
USA: +1 813 630 2255 (fax 630 9449) UK: +44 191 5180020 (fax 5180032)

