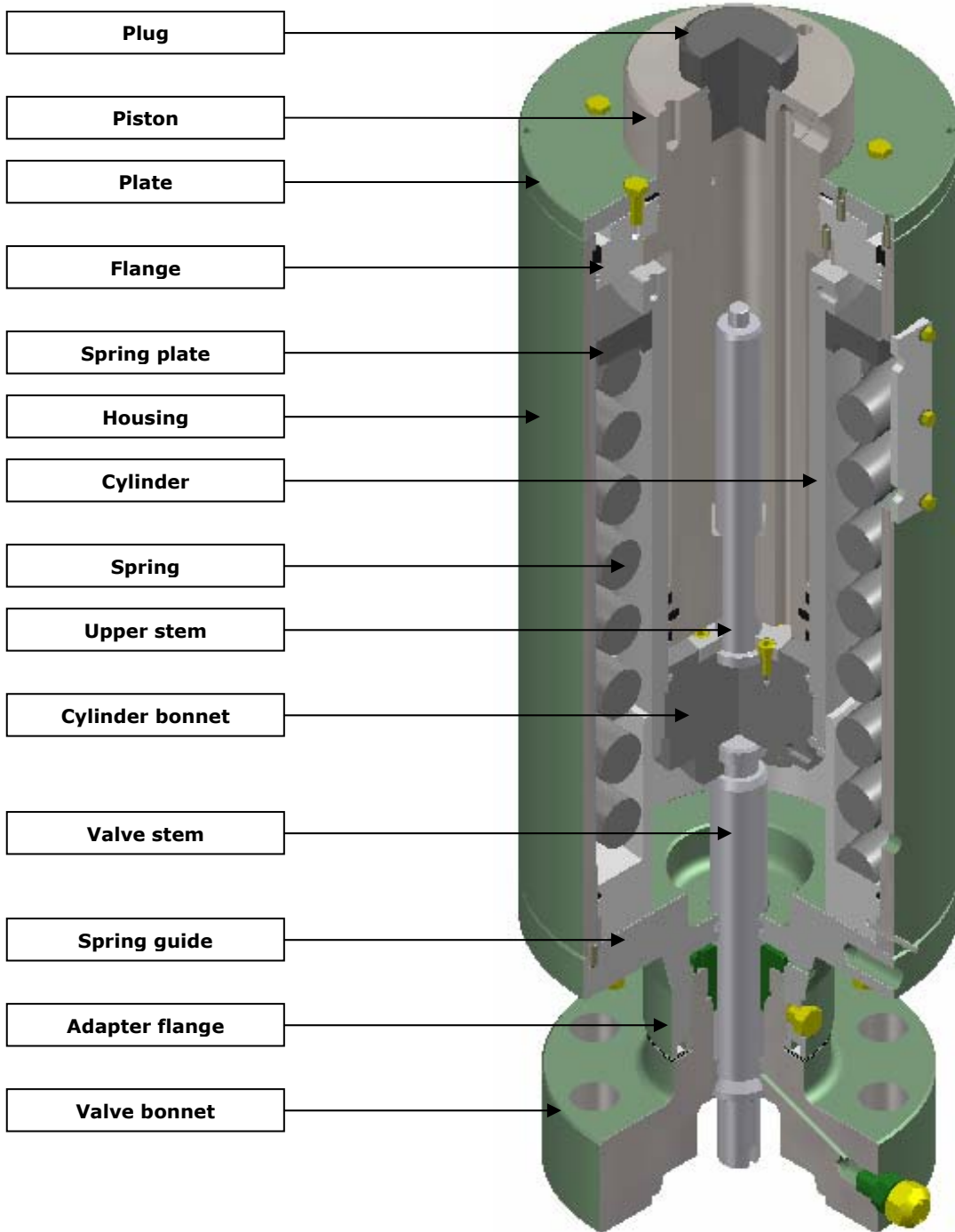




HYDRAULIC ACTUATORS

**Linear actuator
Type BHA**



**Linear actuator
Type BHA**



TECHNICAL DESCRIPTION

Description:

Breda BHA Hydraulic Surface Safety Actuators are designed for through conduit gate valves installed on Xmas-Three, production manifolds pipe lines and processing industries.

Type BHA actuators are designed and built to the industry's highest standards, delivering, simplicity, durability and easy maintenance and can replace the Breda Pneumatic Actuator type BPA in case of needs.

Design Code:

According to API 6A specification.

Option features:

Limit switches
Manual override
Heat sensitive lock open device
Quick exhaust valve + block and bleed manual valve
Hydraulic opener

The version BHA-WC has wire line cutting capability, to shear the 0,108" wire line, 7/32" braided line or coil tubing, the BHA type and BHA-WC type are interchangeable.

Remarks:

On request, Breda Energia will issue various technical solutions not listed in this catalogue. Years of experience in products for distribution of oil & gas allow Breda Energia to supply products on special client specifications.



Product Range

Standard Application for Breda Energia Gate valves	Pressure Range API 6A (Psi)	Pressure Range API 6D (bar)
	1" 13/16 up to 9" API 2000-15000	2" up to 18" all classes

Temperature ratings

Temperature Classification	Operating Range			
	°F from min. up to Max.		°C from min. up to Max.	
	min.	Max.	min.	Max.
K	-75	180	-60	82
L	-50	180	-46	82
P	-20	180	-29	82
R	Room temperature		Room temperature	
S	0	150	-18	66
T	0	180	-18	82
U	0	250	-18	121
V	35	250	2	121