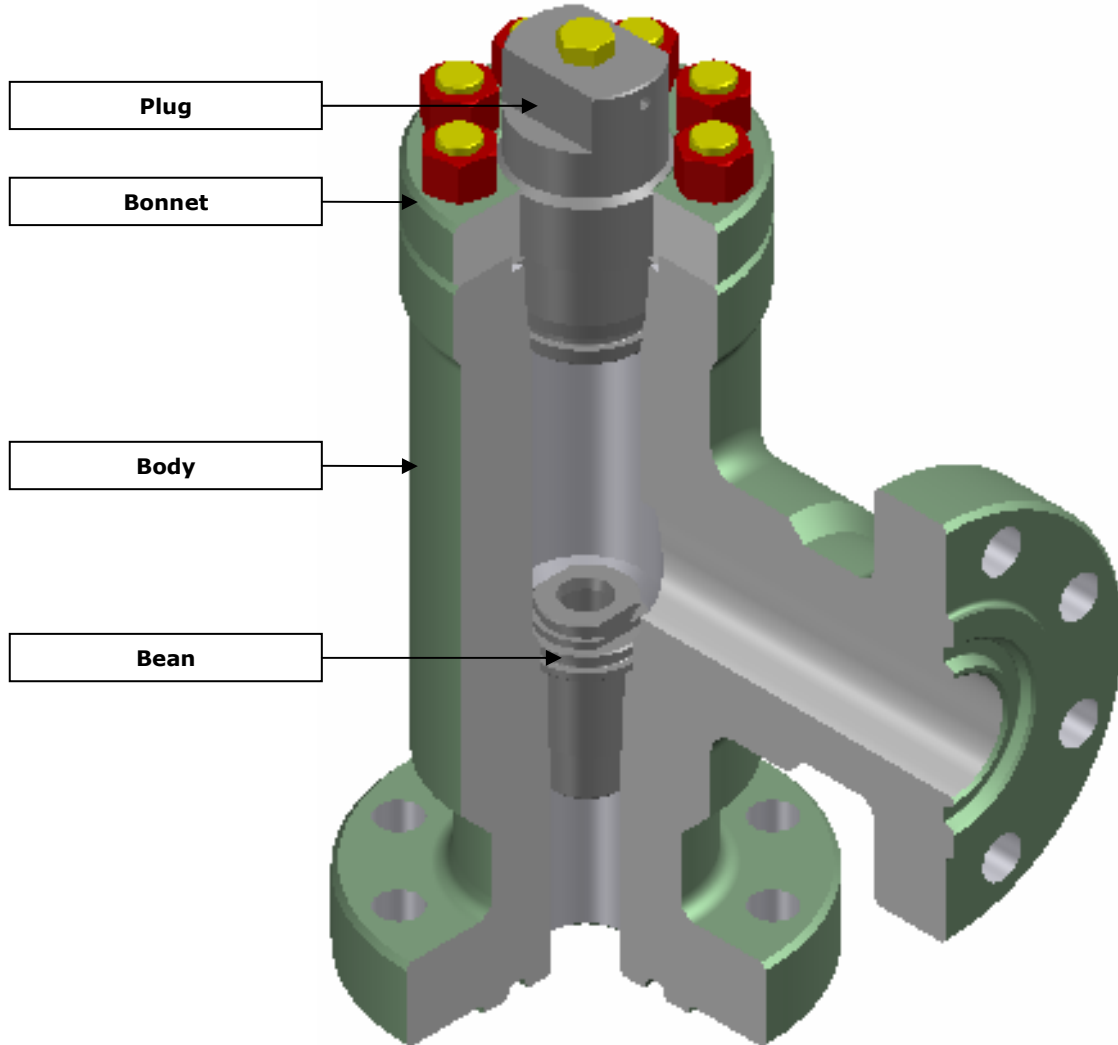




CHOKES

API 6A

Positive Chokes



**Positive Choke
Type BCP**



TECHNICAL DESCRIPTION

Description:

The BREDA ENERGIA Positive Choke type BCP is designed for maximum performance under critical condition. Positive chokes accommodate replaceable parts having fixed orifice dimensions (flow beans). Typical application includes wellheads and well testing, manifolds process facilities and other demanding services.

Design Code:

API 6A / ISO 10423.

Option features:

Conversion to needle valve (adjustable choke).

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 allows Breda Energia to supply products on special client specifications.



- API 6A -

Product Range

Service	Pressure Range API 6A (Psi)		
Standard Range (Inch)	API 2000 - 3000 - 5000	API 10000	API 15000
	1.13/16 up to 7.1/16	1.13/16 up to 7.1/16	1.13/16 up to 5.1/8
	BEAN Size		
	1/8", 3/8", 5/8", 7/8" 1/4", 1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 3"		

Material requirements

Service Conditions	Trim	Minimum material requirements	
API 6A Classification		Body, bonnet end and outlet connections	Pressure-controlling parts, stems and mandrel hangers
General Service	AA	Carbon or low-alloy steel	Carbon or low-alloy steel
General Service	BB	Carbon or low-alloy steel	Stainless Steel
General Service	CC	Stainless Steel	Stainless Steel
Sour Service ^a	DD	Carbon or low-alloy steel ^b	Carbon or low-alloy steel ^b
Sour Service ^a	EE	Carbon or low-alloy steel ^b	Stainless Steel ^b
Sour Service ^a	FF	Stainless Steel ^b	Stainless Steel ^b
Sour Service ^a	HH	CRAs ^b	CRAs ^b

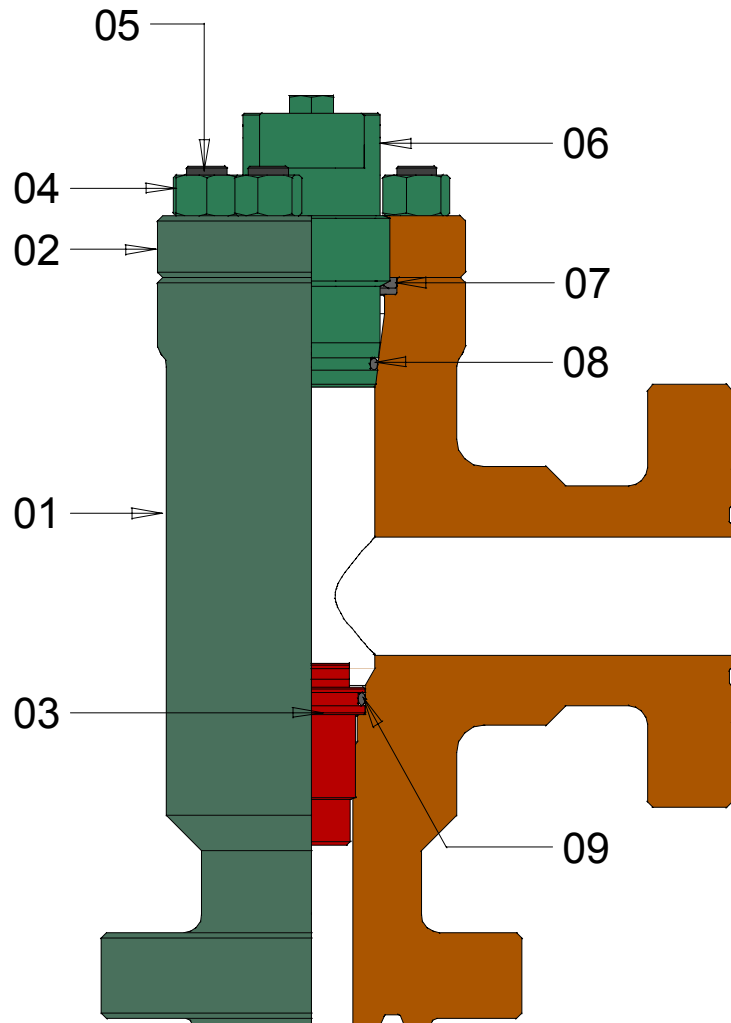
^a As defined by NACE MR 0175; ^b In compliance with NACE MR 0175.

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



Part List & Spare Parts



Part N°	Description	Recommended Spare Parts
01	Body	n.a.
02	Bonnet	n.a.
03	Bean	Yes
04	Body Studs Nuts	n.a.
05	Body Studs	n.a.
06	Plug	n.a.
07	Body Plug Metal to metal gasket	Yes
08	Body plug o-ring	Yes
09	Body bean gasket	Yes