



COUNTER BALANCE VALVE

Model : CBS20 (30 Series)

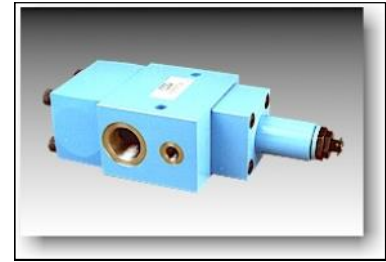
Ref. No. D 03449
Release: 08 / 2021

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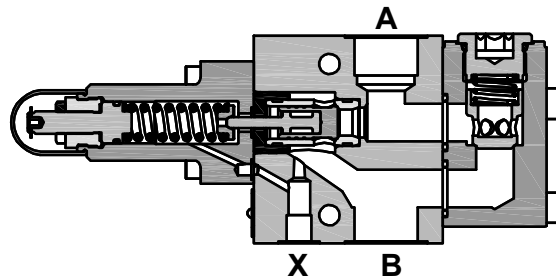
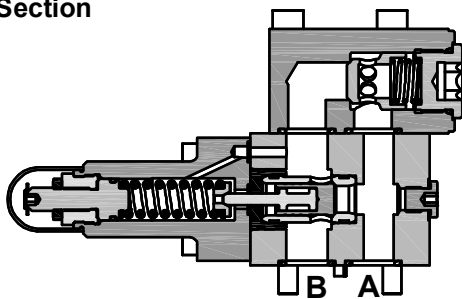
A Polyhydron Group Company

Description

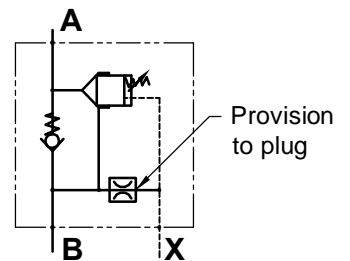
Counter balance valves CBS20*** are seat type valves. These offer free flow from port B to Port A and give leak free closure in opposite direction upto a predetermined cracking pressure. The predetermined cracking pressure can be adjusted within its maximum specified range. For higher cracking pressure or external leakage drain, Port X can be used.



Section



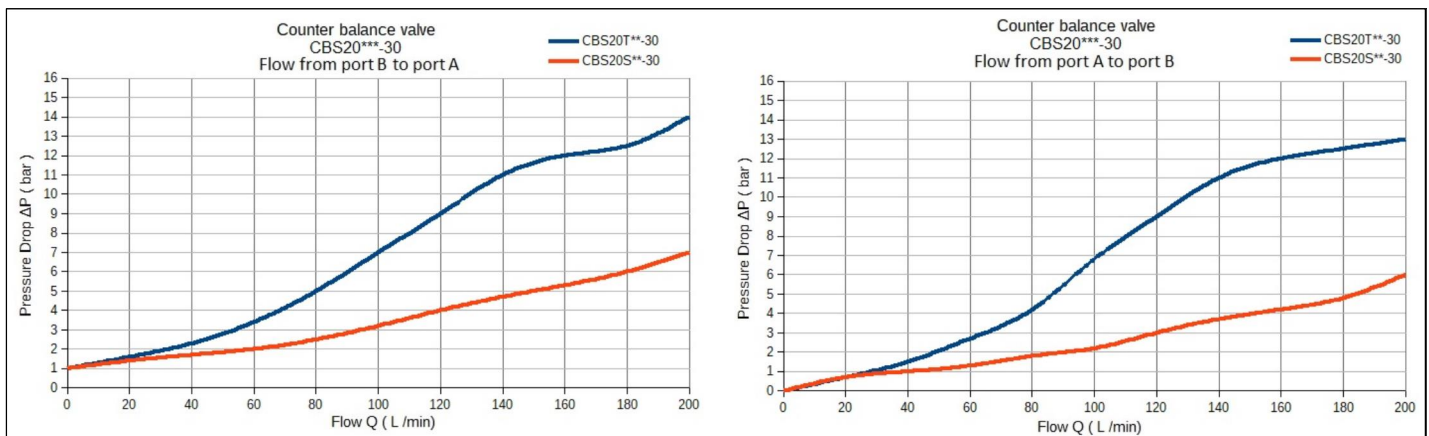
Hydraulic symbol



Technical specifications

Construction	:	Direct acting , Seat type.
Mounting style	:	Threaded port body and subplate body
Flow direction	:	Free flow from B to A
	:	Counter balance function from port A to B.
Cracking pressure	:	Refer ordering code.
Working pressure	:	315 bar for all Ports.
Hydraulic medium	:	Mineral oil.
Temperature range	:	-20°C to + 80°C.
Viscosity range	:	10 cSt to 380 cSt.
Fluid cleanliness required	:	ISO 4406 20/18/15 or better.
Max. flow handling capacity	:	200 l/min max.
Mass approx.	:	Model CBS20T CBS20S
		in Kg. 8.6 6.9

Performance graph



polyhydron pvt. ltd.

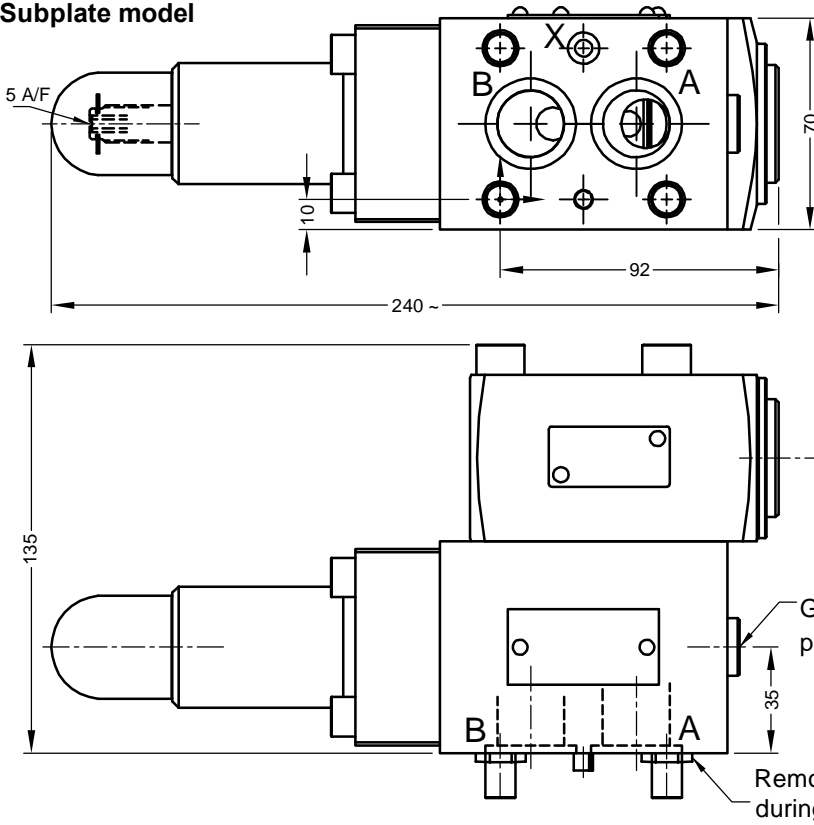
78-80, Machhe Industrial Estate,
Machhe, Belgaum - 590 014. INDIA.

Phone : +91-(0)831- 2411001
Fax : +91-(0)831- 2411002
E-mail : polyhydron@gmail.com
Website : www.polyhydron.com



Unit dimensions

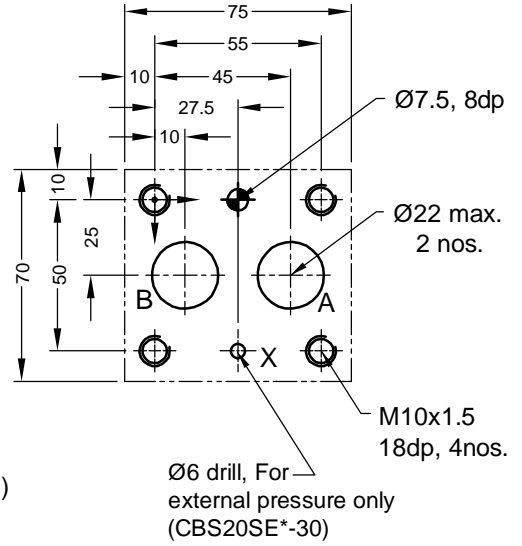
Subplate model



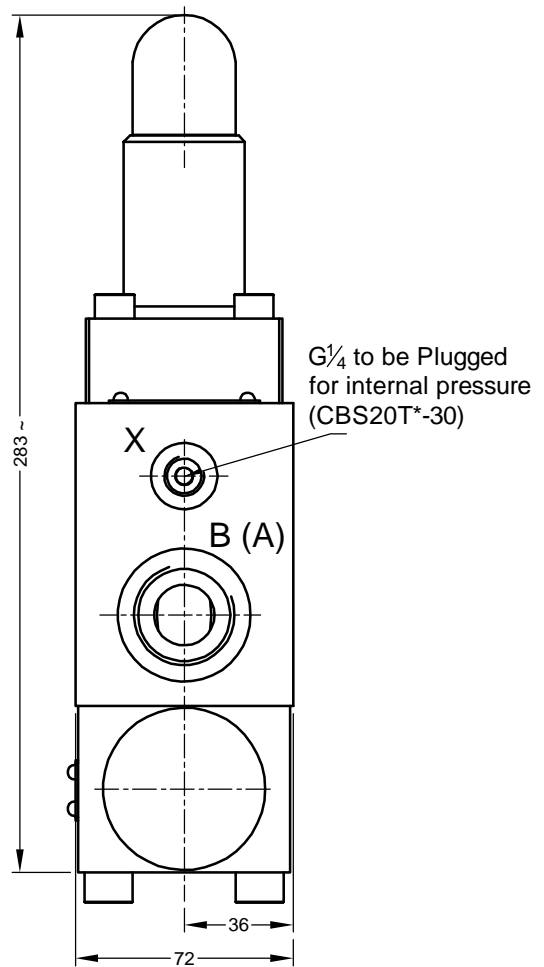
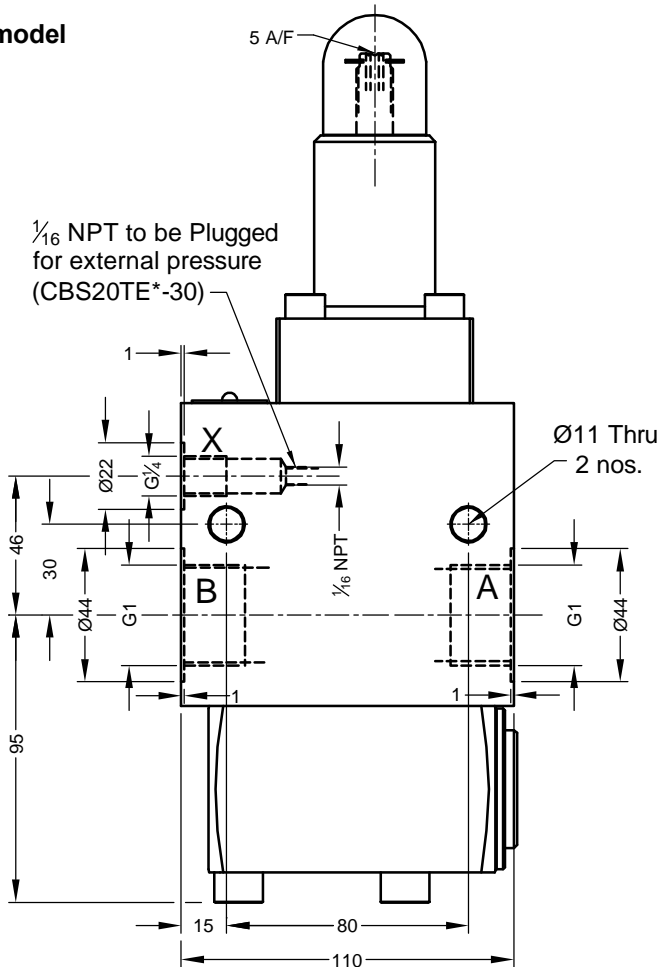
Dimensions in mm.



Valve mounting interface

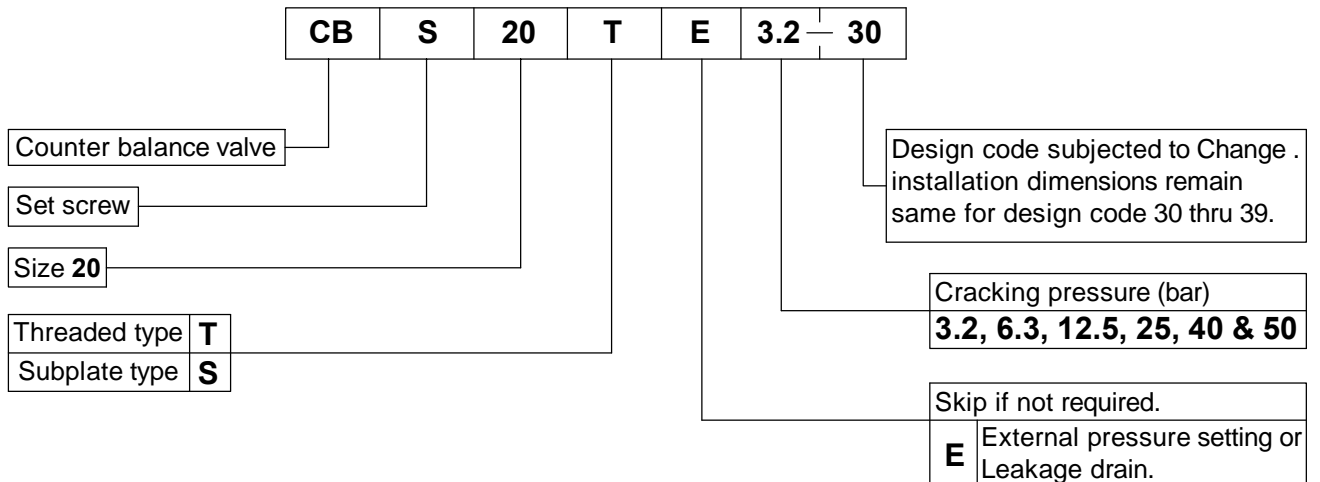


Threaded model





Ordering code



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Due to continuous improvement in the design of the product, the actual product supplied may look different than shown above.
For critical applications, please ask for certified installation drawing.