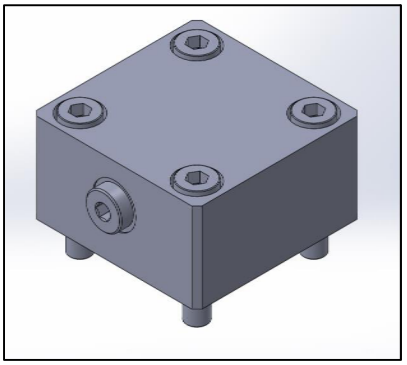
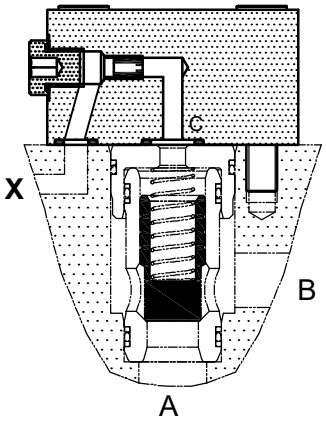
## Description

The covers **CVC*X** are designed to hold polyhydron make Cartridge valves model **CV*** ** in cavities machined as per ISO 7368, and to provide oil passage to their control port **C** via **X** port provided on the cover to control the opening and closing operation of the cartridge valve.

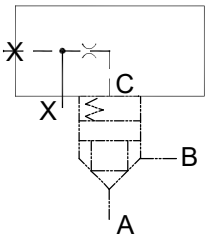
The passage has an orifice screwed into it, for influencing the rate of opening and closing of the poppet of the cartridge valve, there by reducing / eliminating shocks in the main circuit oil flow. The threaded port on the cover can also be used for diagnostic purpose or for parallel supply of oil to some other function. This is particularly useful for the onsite modifications to the circuit.



## Section




## Hydraulic symbol




## Technical specifications

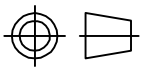
| | | |
|---|---|---|
| Function | : | To hold Polyhydron Cartridges in cavity machined as per ISO 7368.<br>To provide oil passage to the control port **C** via **X** port provided on the cover to control the opening and closing operation of the cartridge valve. |
| Mounting interface | : | As per ISO 7368 |
| 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. |

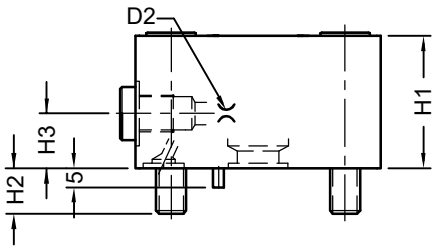
polyhydron pvt. ltd.
78-80, Machhe Industrial Estate,
Machhe, Belgaum - 590 014. INDIA.

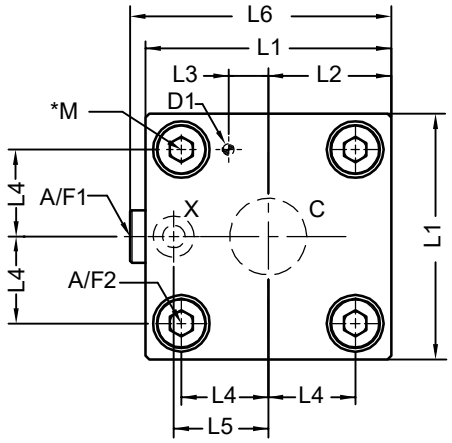
Phone : +91-(0)831- 2411001
Fax : +91-(0)831- 2411002
E-mail : polyhydron@gmail.com
Website : www.polyhydron.com

## Unit dimensions

Dimensions in mm.






**Note:**

Mounting interface for cover as per ISO 7368, for dimensional details and engineering data refer Cartridge valve data sheet D03426.

***** Cover fixing S.H.C Screws are **OUT OF SCOPE OF SUPPLY.**

| Size | Mass Kg. apprx | L1 | L2 | L3 | L4 | L5 | L6 | D1 | D2 | H1 | H2 | H3 | A/F1 | A/F2 | *M. 4 nos. Cover fixing S.H.C. Screw (Class 12.9) | Tightening Torque. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **16** | 1.0 | 65 | 32.5 | 10.5 | 23 | 25 | 69.5 | 3 | 2 | 35 | 12 | 20 | 5 | 6 | M8 x 50 Long | 39 Nm |
| **25** | 2.1 | 85 | 42.5 | 16 | 29 | 33 | 89 | 5 | 2 | 40 | 18 | 25 | 6 | 10 | M12 x 45 Long | 135 Nm |
| **32** | 4.0 | 102 | 51 | 17 | 35 | 41 | 106 | 5 | 2 | 50 | 24 | 30 | 6 | 14 | M16 x 55 Long | 330 Nm |
| **40** | 7.5 | 125 | 62.5 | 23 | 42.5 | 50 | 130 | 5 | 2 | 60 | 30 | 30 | 10 | 17 | M20 x 70 Long | 650 Nm |

## Ordering code

| CVC | 16 | X | P | — 10 |
|---|---|---|---|---|

- CVC: Cartridge Valve Cover
- 16: Size 16, 25, 32 and 40.
- X: Control area connected to Port X.
- P: Additional threaded port P in cover parallel with connection port.
- 10: Design code subjected to Change . installation dimensions remain same for design code 10 thru 19.

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Subject to revision