

BLOCK & BLEED VALVES



FULL PRODUCT SPECIFICATION

The block and bleed valve assembly is a low torque, soft seat rising plug shut-off valve with back seating.

The stem seal is a PTFE gland, straight through drillways and two valves are used to give the block and bleed application.

The valve is particularly suitable for manifold mounting as the standard bonnet stem and seat assembly can be inserted into a multi valve pocketed manifold.

The straight through in and out drillways facilitate the manifold manufacture which leads itself suitably to multi-function manifold mounting. The simplicity to replace the soft seat ensures that a damaged manifold is readily repairable.

This application is particularly suitable for use on subsea distribution units controlling hydraulic pressure functions, chemical and methanol distribution systems.

DESIGN FEATURES

- Offered with simple diver operable handle
- Alternatively a ROV low torque receptacle or manipulator arm
- ISO-13628-8 for ROV intervention (optional)
- Different block/bleed arrangements
- Different inlet & outlet tube/fitting specifications
- Diver-mate coupling outlet option (see below key angles)

KEYING ANGLE	COLOUR CODE
36°	YELLOW
54°	DARK BLUE
72°	ORANGE
90°	RED
108°	BLACK
126°	BROWN
144°	WHITE
162°	VIOLET
180°	GREEN
UNIVERSAL	N/A

GENERAL

1/4" NB Valve and Block CV*	0-1.5 CV (fully open)
3/4" NB Valve and Block CV*	0-5.0 CV (fully open)
Pressure Rating	690 BAR

*Note—CV value dependant upon inlet/outlet tube sizes

MATERIALS

Block Material	ST. STL 316L
Valve Seals	Elast-o-Lion Chemraz 510
Seal Sub Seals	Elast-o-Lion Nitrile 90° Chemraz 510 Kalrez 4079 Kalrez 0090 Viton