

FIXED RATIO PRESSURE REDUCING VALVE



Designed to reduce static head pressure, especially in underground mining water supply systems.

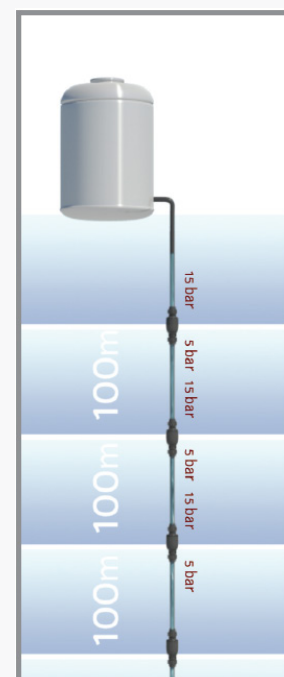
Features and Benefits:

- ✓ Stable pressure control over the full flow and pressure range
- ✓ Corrosion resistant plastic body and internal parts
- ✓ Increased durability and resistance to abrasive fluids (sands, stones) due to an innovative flow path and diaphragm sealed activation mechanism
- ✓ Lightweight - for easy handling
- ✓ Assembled directly to PE pipe by built in Plasson compression fittings
- ✓ Can be installed either vertically or horizontally

CODE	DESCRIPTION
3801001	FIXED RATIO PRESSURE REDUCING VALVE METRIC 63 RATIO 2:1
3801002	FIXED RATIO PRESSURE REDUCING VALVE METRIC 63 RATIO 3:1
3801003	FIXED RATIO PRESSURE REDUCING VALVE METRIC 110 RATIO 2:1
3801004	FIXED RATIO PRESSURE REDUCING VALVE METRIC 110 RATIO 3:1

Technical Specifications:

- ✓ **Pressure Rating:** 16 Bar
- ✓ **Working Pressure Range:** 2 – 16 Bar
- ✓ **Flow Range:** 0 To 14 M3/Hour
- ✓ **Body:** Polypropylene Ppb
- ✓ **Seals:** NBR
- ✓ **Diaphragm:** Reinforced Neoprene
- ✓ **Available In Pressure Reduction Ratios:** 2:1 Or 3:1
- ✓ **Connections:** 63mm Plasson Compression
- ✓ **Optional:** 2" Threaded Male Bsp, 2" "Shouldered"



TESTIMONIAL

Fixed Ratio Pressure Reducing Valve

Purchasing and Supply expert Benjamin Zis highly recommends Plasson's new valve based on his experience during his work at Salt Lake Mining Pty Ltd, Beta Hunt Mine until earlier this year.

Q. How would you describe the site and water conditions of the Plasson 2:1 fixed ratio valve in use?

The valve was placed in a small cutty of the primary decline in moderately high traffic and wet environment; the water was super saline and at high head pressure.

Q. How did the installation process of the valve go? Did you notice any leaks?

The valve performed well and was as simple to install as a standard Plasson coupling. There have been no instances of the Plasson 2:1 fixed ratio valve leaking as yet.

Q. What makes the Plasson valve advantageous compared to other products (life span, etc.)?

The easier installation and the ability to fit the valve directly to the poly water line meant no metal was left exposed to the environment and there was no need to space the line of the walls to prevent contact rust with ground support or wall hooks. The lack of corrosion and zero impact from the sun makes it an ideal option for underground operations.

Q. Do you have confidence in the valve and would you recommend it to others?

I would recommend the valve as an absolute must-have addition to any Plasson installation; it is a simple and effective alternative to the industry standard valves that eliminates many of the common problems encountered.

Q. In general with all Plasson fittings you have used on site, would you recommend them?

With 10+ years in the mining industries, I have personally come to depend on the Plasson range for dewatering and poly fixtures. Their superior design, interchangeable parts and readily available supply network mean I can always rely on the brand.

The Beta Hunt Mine, located in Kambalda, WA, is a deposit with the scarce feature of hosting both nickel and gold resources in adjacent discrete mineralised zones. The Kambalda mining district is a long-established major mining centre with excellent existing infrastructure, a skilled local workforce, and nickel and gold processing mills nearby.

Salt Lake Mining used Plasson's 2:1 fixed ratio valve to process the underground water and the Alpha decline at its Beta Hunt mine. RNC has a 100% interest in Salt Lake Mining Pty Ltd.