

EBSRAY PUMPS



***RV Series
Models
RV18 & RV19
... for LPG applications***

 Quality System
Quality
Endorsed
Company
ISO 9001
Lic 3332
Standards Australia

HEAD OFFICE AND WORKS

 EBSRAY
AUSTRALIA

Bypass valves RV Series

... for LPG

The EBSRAY RV Series is a range of multi purpose Bypass Valves designed primarily for use in LPG pumping systems. For other applications refer to EBSRAY or your local distributor.

ADJUSTING SCREW

- Easy access - simple to adjust
- Positive locking
- Facility for secure sealing
- Leak free during adjustment

SEALING

- 'O' Ring
- Simple to service

CASING

- Robust construction ductile iron to ASTM A395
- Assembled valve hydrostatically tested to 7000 kPa

SPRING

- Adjustable within spring pressure range ① ②
- Sealed to suit application ① ②
- High quality spring steel

Valve

- Spool type quiet operation
- Precision machined
- CBS (Constant Bleed System) As standard (see optional VRS or NRV)

PORTS

- ANSI Class 300 - NPT screwed available
- Ease of installation service
- Safety enhanced

Specifications

- Max flow rates ③: RV18 - 200 L/min. RV19 - 600 L/min.
- ΔP Range: 200 - 1400 kPa ②
- Casing ductile iron to ASTM A395.
- Hydrostatic test pressure: 7000 kPa
- ① Downstream system resistance will effect ΔP .
- ② Spring selection to suit required pressure range. (Do not exceed maximum pressure permitted by ruling Codes / Standards.)
- ③ Pressure rise is dependent upon flow through Bypass Valve

NOTE: All specifications and illustrations are typical only and subject to revision without notice. Certified data available upon request.

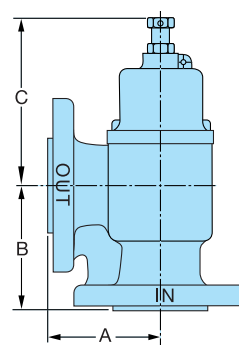
All Ebsray LPG Pumps, Pumpsets and bypass Valves are designed and manufactured in Australia and comply with the requirements of Australian Standard AS 1596.

Features

- Chatter-free quiet operation.
- Low pressure-rise characteristics. ③
- Adjustable within spring pressure range. ① ②
- Flanged porting for enhanced safety and ease of Installation / Service
- Optional VRS. (see below)
- Optional NRV. (non return valve)
- Soft seated for positive sealing)

Features

Dimensions in millimetres Flanges ANSI Class 300		
	RV18	RV19
A	80	100
B	90	120
C max	135	155
Ports	25NB.	40 NB.
Weight	6.3 kg	12 kg



Optional

Integral 'excess flow' type VRS. (Vapour Removal System)

- Rapid Vapour Clearing
- Efficiency - after vapour clearing is completed 'excess flow' valve closes fully. This ensures full pump outlet is available at discharge point.
- Interchangeable with standard Spool Valve. (CBS)

VAPOUR PATH

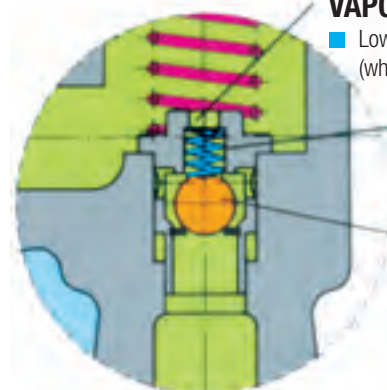
- Low Resistance (when in priming mode)

SPRING

- Stainless Steel

BALL

- Non metallic for quiet actuation and positive sealing



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