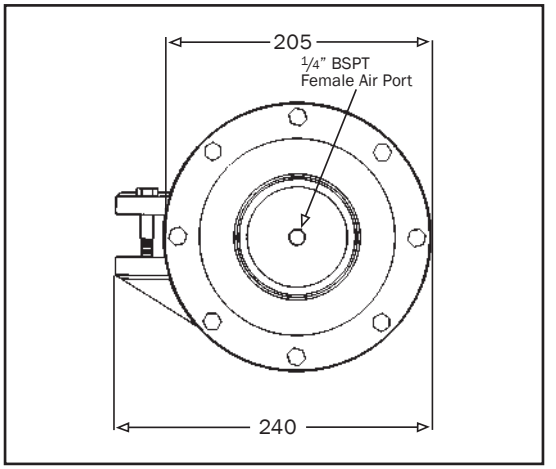
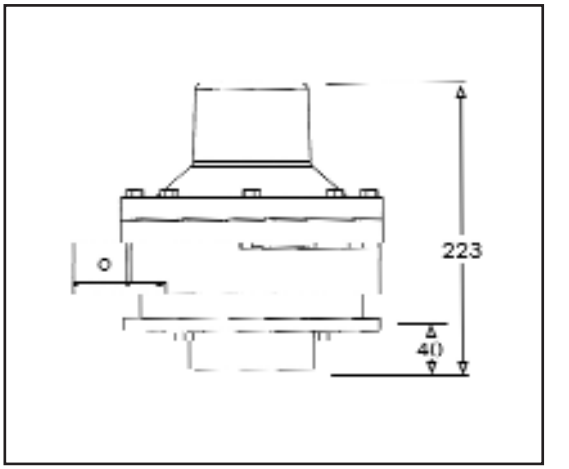
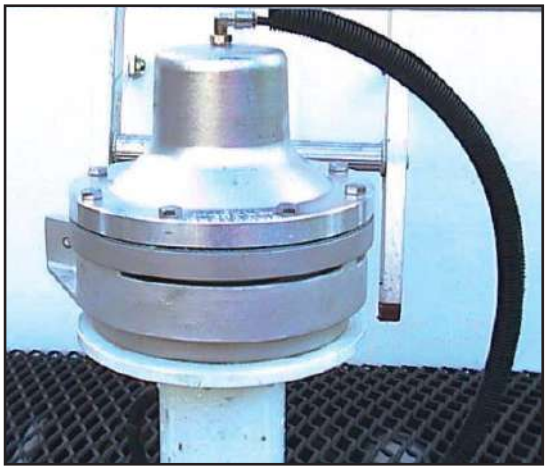
1019D - Maxi Spray Valve - Air Operated

- Weighs 9 kilograms (20lbs)
- Compact design and shape for fast and easy installation - see dimensions
- Manufactured from marine grade alloy
- Low maintenance polymer inserts control the water valve operation
- Fits to any existing piping configuration from 80mm (3") nominal bore
- Eliminates the need for additional water control valves (ball, butterfly, knife)
- Supplies a flat, dense and variable spray pattern
- Provides an even fan spray throughout the entire spray pattern
- Manually adjustable spray pattern via a fitted adjustable ring
- Can control output water flow from 0 - 1350 l/min (approx)
- Up to 12 metre distance spray throw
- Up to 11 metre spray width
- 360° adjustable swivel rotation can be fitted
- 3" BSP F threaded baseplate to accept any preferred quick release mounting
- 0 - 90° manually controlled fan width spray setting
- S/steel spring and fasteners
- Water pressure opens the valve
- Air pressure controls closing of the valve
- Spring pressure keeps valve closed when air pressure not present and pump not operating
- Can use electric or pneumatic cabin switching to control valve operation
- Valves are fully pressure tested prior to packaging
- Serial numbered and engraved with unique identification for traceability
- Full warranty on parts
- Spare parts readily available
- Fully serviceable

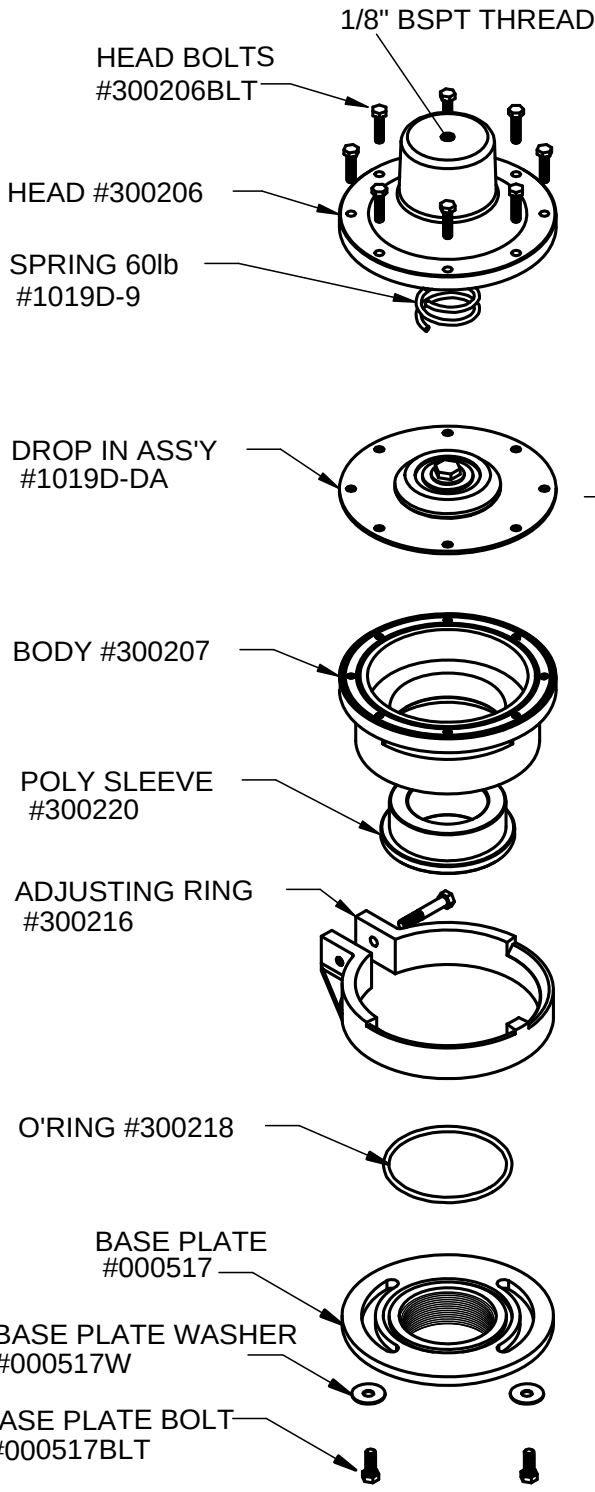








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Email: tanks@magnumaustralia.com Web: www.magnumaustralia.com



NOTES!!!

1 It is recommended that customers carry in their stock as spare parts a minimum of 1 only Reconditioning Kit #1019D-RK. Items in this kit can be damaged due to contamination taken in when the tank is filled with contaminated water.

2 DISMANTLING 1019D VALVE

2.1 Unscrew all the Head Bolts #300206BLT in an even manner. It will be necessary to place your hand on the Head # 300206 towards the end of this process due to the effects of Spring # 1019D-9.

2.2 Once opened, inspect all parts for wear and replace if necessary.

2.3 It will be necessary to use a small press to push out the Poly Sleeve #300220 if it is damaged

2.4 All parts required to overhaul the valve can be found in the Reconditioning Kit #1019D-RK

3 ASSEMBLING 1019D VALVE

3.1 If necessary, using a small press, push the Poly Sleeve #300220 into the Body #300207

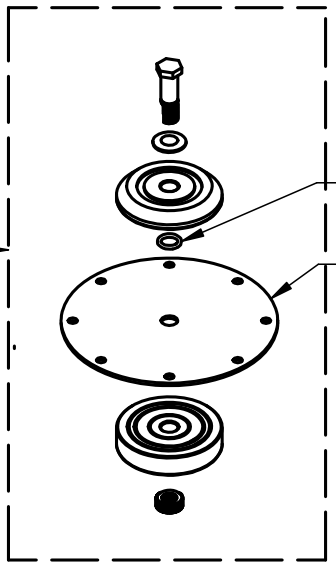
3.2 Turn the Body #300207 over and place the Drop In Assy #1019-DA onto the Body #300207

3.3 Place the spring #1019D-9 onto the Drop In Assembly.

3.4 Place the Head #300206 over the spring. Place your hand on the head and gently push it down so that you can start the Head Bolts #300206BLT in the Head #300206.

3.5 Tighten all the Head Bolts #300206BLT in an even manner using a cross pattern method

3.6 Check the condition of the Oring #300218. Replace if necessary. Fit the assembled spray head to the Baseplate #000517 using the Base Plate Washers #000517W and Base Plate Bolts #000517BLT



RECONDITIONING KIT
#1019D-RK
1 off 1019D-DA
1 off 300220
2 off 1019D-3

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DRAWN TO AS 1100	SURFACE FINISH	MATERIAL :

DRAWN	DATE	APPD.

EXCEPT WHERE NOTED
ALL DIMENSIONS
IN MILLIMETRES

MAGNUM AUSTRALIA T.M.

35 PARKHURST DRIVE KNOXFIELD
VICTORIA 3180
PHONE 9801 8433 FAX 9800 3240

SHEET SIZE: A3

TOLERANCES UNLESS NOTED	
WHOLE DIMENSIONS	±0.50
ONE DECIMAL PLACE	±0.25
TWO DECIMAL PLACES	±0.10
ANGLES	±30'

SCALE	NTS
DRAWN	TH
DATE	26/7/04
CHECKED	
DATE	

1019D SPRAY VALVE
EXPLODED VIEW - PART NUMBERS

SHEET 1 OF 4 SHEETS

DRG. No.



MAGNUM
AUSTRALIA
PAT. No.
7182278