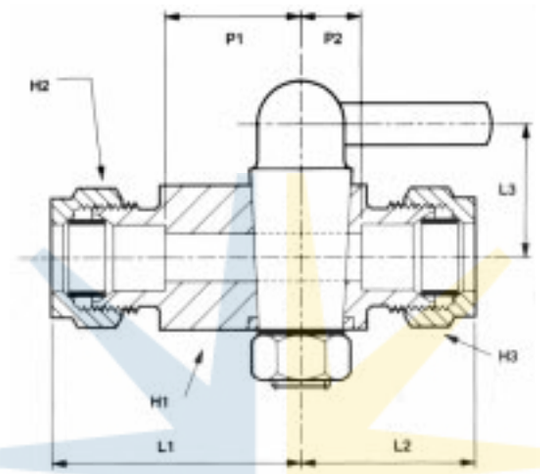
Hydrasun LIMITED

# WADE VALVES
# Plug Cock




PAGE

Imperial

| Part No. | Tube O.D. x Tube O.D. | L1 Length | L2 Length | L3 Length | H1 Hex A/F | H2 Hex A/F | H3 Hex A/F | P1 Abutment | P2 Abutment |
|---|---|---|---|---|---|---|---|---|---|
| 3000 | 1/8 x 1/8 | 1.031 | .656 | .562 | .445 | .445 | .445 | .562 | .187 |
| 3001 | 3/16 x 3/16 | 1.031 | .656 | .562 | .445 | .445 | .445 | .562 | .187 |
| 6003/1 | 1/4 x 3/16 | 1.218 | .875 | .625 | .525 | .601 | .445 | .750 | .312 |
| 3003 | 1/4 x 1/4 | 1.250 | .875 | .625 | .525 | .601 | .601 | .687 | .312 |
| 6005/1 | 5/16 x 3/16 | 1.218 | .875 | .625 | .525 | .601 | .445 | .750 | .312 |
| 3005 | 5/16 x 5/16 | 1.250 | .875 | .625 | .525 | .601 | .601 | .687 | .312 |
| 6008/3 | 3/8 x 1/4 | 1.437 | 1.093 | .687 | .710 | .820 | .601 | .875 | .437 |
| 3008 | 3/8 x 3/8 | 1.531 | 1.093 | .687 | .710 | .820 | .820 | .875 | .437 |
| 3010 | 1/2 x 1/2 | 1.937 | 1.281 | 1.000 | .920 | .920 | .920 | 1.156 | .500 |

**Only items priced in current price list are carried in stock**

**PLEASE SEE FOLLOWING PAGE FOR FURTHER DETAILS**

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# WADE
# HOW TO ORDER VALVES

**IMPERIAL**

1. Valves are coded in the following sequence:-
   **WVA1** - Mini Valves
   **WVA2** - Straight Valves
   **WVA3** - Angle Valves
   **WVA4** - Foot-Mounted Valves

2. The next sequence indicates the material used for the spindle:-
   **/B** - Brass (standard)
   **/A** - Aluminium Bronze
   **/SS** - Stainless Steel
   Valves are available with a fine control spindle and are denoted **/F**.

3. The next sequence indicates the type of tubing used:-
   **/N-A** - Nylon Tube - Light Gauge
   **/N-B** - Nylon Tube - Heavy Gauge
   **/N-C** - Nylon Tube - Medium Gauge
   **/N-D** - Nylon Tube - Special Gauge
   } (Brass 'N' Ferrule)
   **/P** - Polythene Tube (polythene ring and spigot)
   **/PC** - P.V.C. covered copper tube (copper ring)

4. The next sequence indicates the tube O.D:-
   **/12** - 3/16 O.D.
   **/16** - 1/4 O.D.
   **/20** - 5/16 O.D.
   **/24** - 3/8 O.D.

**Example:** A standard straight valve with 1/4 O.D. copper tube would give a part number **WVA2/B/16**. Using the same standard valve with heavy gauge nylon tube would give a part number **WVA2/B/N16B**.

All valves are manufactured with brass bodies as

**METRIC**

1. Valves are coded in the following sequences:-
   **MV1** - Straight Valves
   **MV2** - Straight Valves - Panel Mounting
   **MV3** - Angle Valves - Fine Control - Panel Mounting
   **MFV** - Straight Valves - Foot Mounted
   **MFV/F1** - Straight Valves - Foot Mounted - Rubber Hose

2. The next sequence indicates the material used for the spindle:-
   **1** - Brass (standard)
   **AB** - Aluminium Bronze
   **5** - Stainless Steel

3. The next sequence indicates the type of Tubing used:-
   **1** - Copper Tube (brass ring)
   **2** - Copper Tube (copper ring)
   **4** - P.V.C. covered Copper Tube (brass ring)
   **7** - Nylon Tube - Light Gauge (brass 'N' ferrule)
   **8** - Nylon Tube - Medium Gauge (brass 'N' ferrule)
   **9** - Polythene Tube (polythene ring and brass spigot)

4. The next sequence indicates the tube O.D:-
   **04** - 4mm O.D.
   **06** - 6mm O.D.
   **08** - 8mm O.D.
   **10** - 10mm O.D.

**Example:** A standard straight valve with 6mm O.D. copper tube would give a part number **MV1/1/106**. Using the same standard valve with P.V.C. covered copper tube would give a part number **MV1/1/406**.

P A G E

# OPERATING TEMPERATURES AND PRESSURES

**OPERATING TEMPERATURES**

Standard valves are fitted with a nitrile 'O' ring seal with a recommended working pressure range of -40°C to +250°C. Where VITON 'O' rings are required, part numbers should be suffixed /V.

**OPERATING PRESSURES**

Brass valves are recommended, at maximum working pressure, for use with:-
Hydraulic (liquid)* - 3000 psi/200 bar
Pneumatic (air)* - 1000 psi/67 bar
Foot mounted valves have a maximum working pressure of 100 psi/6.7 bar.
Plug cocks have a maximum working pressure of 30 psi/2 bar.

***Note:** The pressure ratings given are the maximum permissible for the valves and therefore reference should be made to the maximum working pressures for the appropriate tubing to be used. The lower pressure of the two must always be used as the safe working pressure.

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