

# HYDRANT VALVES

KnowsleySK Ltd manufactures a comprehensive range of FM approved 2½"n.b. globe valves for use on fire hydrants or wet rising mains.



## Product Details

Manufactured from high quality materials enabling use with fresh, brackish or seawater, all our valves are fully compliant with BS5041 part 1 (1987).

A dual seat design with rubber to metal primary seat and metal to metal secondary seat allows our valves to be positioned in high temperature fire zones.

**We know fire. We know safety. We know you.**

Established in 1896, Knowsley SK Ltd. has an enviable reputation for manufacturing quality fire fighting equipment and systems for high value asset protection that can be relied upon when danger strikes.

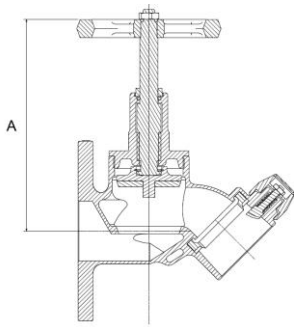
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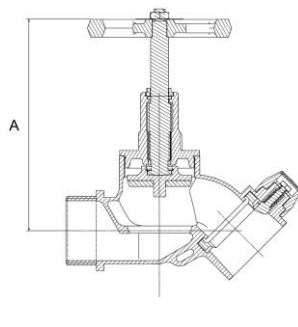
[www.knowsleysk.com](http://www.knowsleysk.com)

Valve Configurations

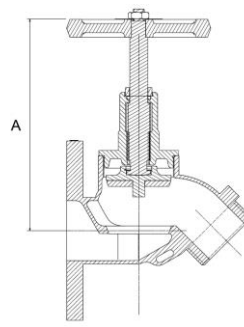
BIBNOSE



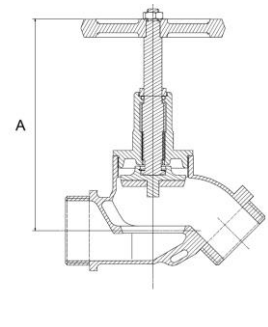
MODEL 3220



MODEL 3221

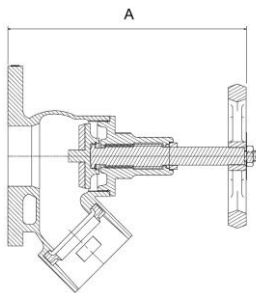


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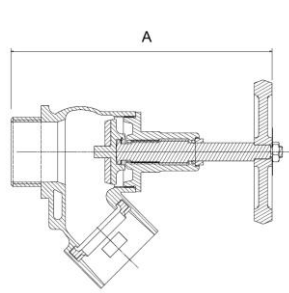


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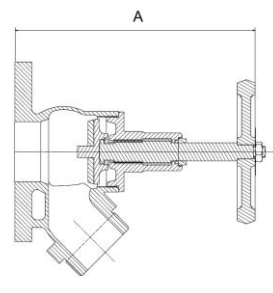
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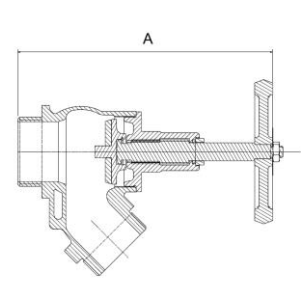
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MODEL 3231

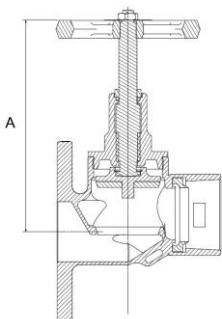


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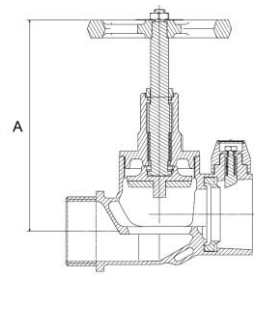


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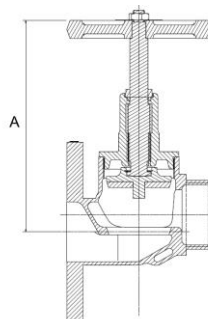
HORIZONTAL



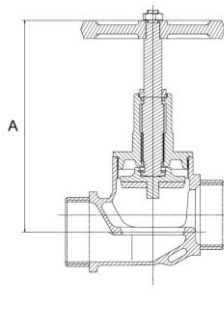
MODEL 3240



MODEL 3241



MODEL 3243



MODEL 3244

## HYDRANT VALVES



### Valve Data

Model	Orientation	Available Inlet size / types	Outlet size / types	Open (mm)	Closed (mm)	Weight (Kgs)	Maximum Rated Working Pressure
				A	A		
3220	Bibnose	3" or 4", 150lb or 300lb ANSI flange FF	2½" instantaneous female to BS336	235	186	9 (3" flange) 10.5 (4" flange)	232 PSI (16 Barg)
3221	Bibnose	2½" male threaded NPT or BSP or NST	2½" instantaneous female to BS336	235	186	7.5	232 PSI (16 Barg)
3223	Bibnose	3" or 4", 150lb or 300lb ANSI flange FF	2½" male threaded NPT or BSP or NST	235	186	9 (3" flange) 10.5 (4" flange)	232 PSI (16 Barg)
3224	Bibnose	2½" male threaded NPT or BSP or NST	2½" male threaded NPT or BSP or NST	235	186	7.5	232 PSI (16 Barg)
3230	Oblique	3" or 4", 150lb or 300lb ANSI flange FF	2½" instantaneous female to BS336	252	203	9 (3" flange) 10.5 (4" flange)	232 PSI (16 Barg)
3231	Oblique	2½" male threaded NPT or BSP or NST	2½" instantaneous female to BS336	235	186	7.5	232 PSI (16 Barg)
3233	Oblique	3" or 4", 150lb or 300lb ANSI flange FF	2½" male threaded NPT or BSP or NST	235	186	9 (3" flange) 10.5 (4" flange)	232 PSI (16 Barg)
3234	Oblique	2½" male threaded NPT or BSP or NST	2½" male threaded NPT or BSP or NST	235	186	7.5	232 PSI (16 Barg)
3240	Horizontal	3" or 4", 150lb or 300lb ANSI flange FF	2½" instantaneous female to BS336	235	186	9 (3" flange) 10.5 (4" flange)	232 PSI (16 Barg)
3241	Horizontal	2½" male threaded NPT or BSP or NST	2½" instantaneous female to BS336	235	186	7.5	232 PSI (16 Barg)
3243	Horizontal	3" or 4", 150lb or 300lb ANSI flange FF	2½" male threaded NPT or BSP or NST	235	186	9 (3" flange) 10.5 (4" flange)	232 PSI (16 Barg)
3244	Horizontal	2½" male threaded NPT or BSP or NST	2½" male threaded NPT or BSP or NST	235	186	7.5	232 PSI (16 Barg)

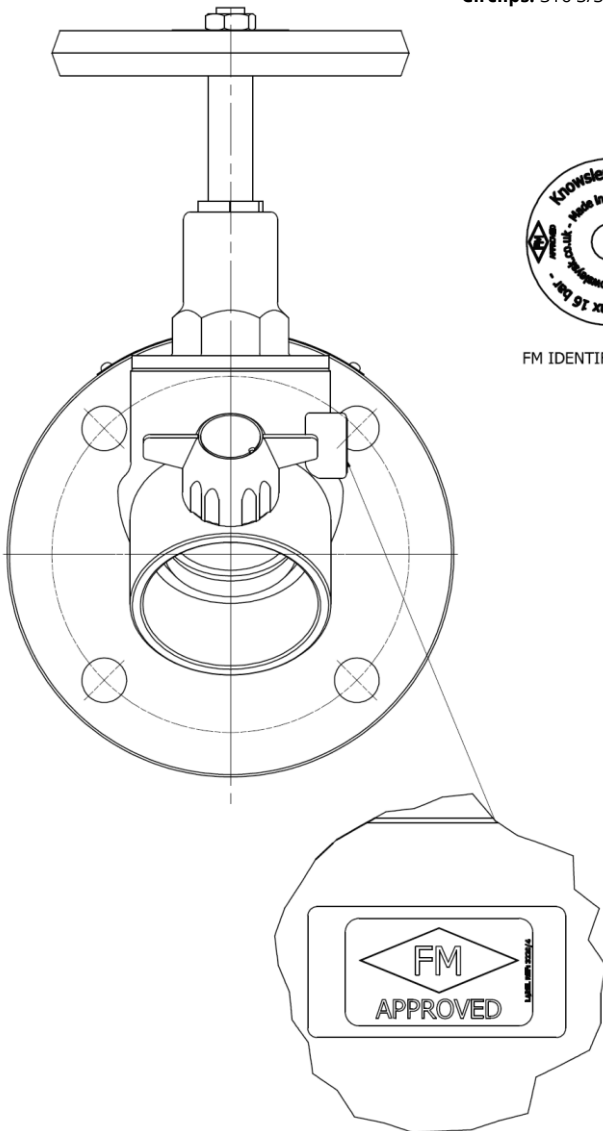
## HYDRANT VALVES



### FM Identification

Each valve hand wheel is fitted with an aluminium FM identification disc (inset) stating; year of manufacture, model number, nominal size & max pressure.

In addition, an aluminium "FM Approved" label is fitted to the valve body.



### Product Materials

All Hydrant Valves are manufactured from the following high grade materials:

**Body:** Gunmetal BS EN 1982 CC491K-GS

**Cover:** Brass BS2872 CZ122

**Spindle:** Brass Rod BS 2874 CZ121 / CZ114

**Clack Assy:** Brass BS2872 CZ122 / RUBBER

**Instantaneous Washer:** Rubber 45-50SH

**Runner Button:** White Polythene

**O'rings:** EPDM

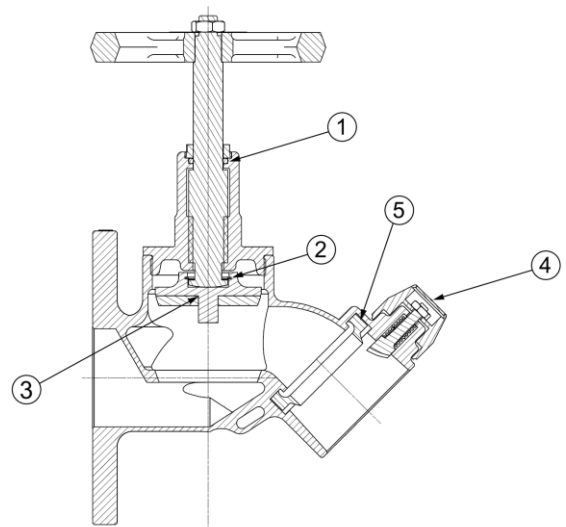
**Circlips:** 316 S/S

### Spares Information

Please contact our dedicated spares department at [spares@knowsleysk.co.uk](mailto:spares@knowsleysk.co.uk) for the components listed below for the Bibnose Valve 3220 Series. See [Figure 1](#).

1. 1 off o'ring
2. 1 off circlip Ref 5000-106H
3. Clack Assembly
4. Runner Button
5. Instantaneous Washer

Note that valve components are common to all four styles with the exception of the valve body.



**Figure 1** Spares detail - Bibnose valve 3220 Series with flanged inlet and 2.5 inch female instantaneous BS336 outlet

