



VALVES FOR WET & DRY RISER SYSTEM

Kolling manufactures low and high-pressure hydrant valves; consist of various type such as horizontal, bib nose, oblique, right angle and etc. All valves are manufacture to BS 5041: Pt. 1 and Pt. 2.



GENERAL SPECIFICATIONS

- Body : Copper Alloy to BS 1400
- Hand Wheel : Aluminum Alloy to BS 1490
- Inlet : Screw End/Flanged End
- Outlet : Female Instantaneous to BS336, ANSI NH-7.5, Round Thread to BS336, Storz and Other International Outlet Fittings Are Available On Request.

SPECIFICATION FOR LOW PRESSURE VALVE

- Working Pressure : 15 Bar (217 psi)
- Seat Test Pressure : 16.5 Bar (239 psi)
- Body Test : 22.5 bar (326 psi)

SPECIFICATION FOR HIGH PRESSURE VALVE

- Working Pressure : 20 Bar (290 psi)
- Seat Test Pressure : 22 Bar (319 psi)
- Body Test : 30 Bar (435 psi)

Hydrant Valve

HORIZONTAL VALVE



Model	Inlet Size	Outlet
HV001	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV001(F)	2 1/2" (65mm) PN16 to BS4504	

BIB NOSE VALVE



Model	Inlet Size	Outlet
HV002	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV002(F)	2 1/2" (65mm) PN16 to BS4504	

RIGHT ANGLE VALVE



Model	Inlet Size	Outlet
HV003	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV003(F)	2 1/2" (65mm) PN16 to BS4504	

OBLIQUE LANDING VALVE



Model	Inlet Size	Outlet
HV005	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV005(F)	2 1/2" (65mm) PN16 to BS4504	

OBLIQUE PRESSURE REDUCING VALVE



Model	Inlet Size	Outlet
HV006	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV006(F)	2 1/2" (65mm) PN16 to BS4504	

HYDRANT BALL VALVE WITH LOCKING DEVICE



Model	Inlet Size	Outlet
HV014	NPT Male	NH 7.5 Female Swivel
HV014(F)	2 1/2" ANSI 150 F.F	

DRY RISER GATE VALVE



Model	Inlet Size
HV018	2 1/2" (65mm) male BSPT
HV018(F)	2 1/2" (65mm) PN16 to BS4504

HOSE RACK RIGHT ANGLE VALVE



Model	Inlet Size
HV019-38	1 1/2" (38mm) Male BSPT
HV019-65	2 1/2" (65mm) Male BSPT

OBLIQUE LANDING VALVE WITH STORZ OUTLET



Model	Inlet Size
HV020	2 1/2" (65mm) Male BSPT
HV020(F)	2 1/2" (65mm) PN16 to BS4504

OBLIQUE LANDING VALVE WITH NHT OUTLET



Model	Inlet Size	Outlet
HV016	2 1/2" (65mm) BSPT Male	NH 7.5 Male
HV016(F)	2 1/2" ANSI 150 F.F	

VALVES FOR WET & DRY RISER SYSTEM



SELF REGULATING VALVE

Model	Inlet Size
HV007-S	2 1/2" (65mm) BSPT Male
HV007(F)	2 1/2" (65mm) PN16 to BS4504



Kolling Self Regulating Valve are designed and constructed to conform fully to BS5041 : Pt 1 1987 which does not require a return pipe. Valve shall be of the rising stem inside screw type having the actuating thread within the bonnet. The hand wheel have a minimum clearance of 40mm between any parts of the valve vertically below. The valve body is able to withstand a hydrostatic pressure of 30 bars and the seat for 22 bars. The flow rate is 8.5 +/- 0.5 L/Second at inlet pressure of 7.5 bars and up to 20 bars. The mechanism for outlet pressure adjustment is fitted with a locking/clamping device to maintain the initial setting.

Valve shall comply to all the operational requirements of the standards without alteration of initial setting. (e.g Inlet pressure from 5 bars up to 20bars but outlet pressure shall remain at a constant pressure without further adjustment). Material for valve shall be LG2 or LG4 gunmetal for body and copper alloy for bonnet and stem.

AIR RELEASE VALVE

Model	Inlet Size
HV009-19	3/4" (19mm) BSPT Male
HV009-25	1" (25mm) BSPT Male



SLUICE VALVE

Model	Inlet Size
HV011-100	4" (100mm) PN16 to BS4504
HV011-150	6" (150mm) PN16 to BS4504



RIGHT ANGLE VALVE

Model	Inlet Size	Outlet
HV017	2 1/2" (65mm) BSPT Male	2 1/2" Round Thread to BS 336



WET & DRY RISER



WET & DRY RISER EQUIPMENT

Kolling 2 way and 4 way Inlet Breeching are manufactured to BS 5041: Pt. 3. Landing valve boxes for dry risers are manufactured to BS 5041 Pt. 4. Foam inlet and dry riser boxes are manufactured to BS 5041: Pt. 5.

GENERAL SPECIFICATIONS

Two way & Four way Inlet Breeching

Body Material	: Spheroidal Graphite Iron to BS 2789
Inlet	: 65mm Male Instantaneous to BS 336, Copper Alloy to BS 1400
Outlet – 2 Way Breeching	: 100mm PN16 to BS4504 / 4" ANSI Class 150 F.F
4 Way Breeching	: 150mm PN16 to BS 4504 / 6" ANSI Class 150 F.F
Working Pressure	: 10 Bar (145 psi)
Test Pressure	: 20 bar (290 psi)



DC707-S



DC 708-S

HOSE CRADLE

Kolling Flat Hose Cradle is suitable for the storage of one length of 2 1/2" meters lay flat fire hose and is install next to the fire hydrant for wet or dry riser system.

Option: 2 x 2 1/2" x 30 meters hose are available.

GENERAL SPECIFICATIONS

Body	: Mild Steel, RED EPE Powder Coated
Bracket	: Aluminum Alloy
Type	: Swing 180 Deg.
Code	: ME607S or ME607D



ME607D



ME607S

HOSE RACK ASSEMBLY

Kolling Hose Rack assembly is install in building next to fire hydrant valve for wet and dry riser system. There are two type of hose rack assembly, one is mounted on the wall by bracket and another is by fixing it on a right angle valve. Once the Nozzle and the Hose are fully pull out, an automatic release mechanism will enable water to discharge.

GENERAL SPECIFICATIONS

Body	: Mild Steel for 1 1/2" or 2 1/2" Hose
Bracket	: Mild Steel, RED EPE Powder Coated
Hose	: Lay Flat Hose 1 1/2" or 2 1/2"
Nozzle	: 1 1/2" or 2 1/2" Connection
Valve Connection	: BS Instantaneous or NHT
Code	: ME 608

