

S-2150 House connection valve

With PRK thrust screw couplings

05-01/10.2011 **5**

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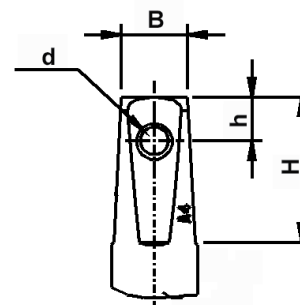
Application and features

- Application: Water and sea water
- No external bolts
- Blow-out proof o-ring for bonnet connection
- o-rings for stem sealing
- Stem of acid proof steel
- Low operation torque
- High strength
- Lockable, bayonet connection to the valve stem S-1850



Technical description

- Pressure class: PN 16
- Max. working temperature: 70°, depended on pipe specifications
For drinking water 20°C
- Test pressure: Open valve, 24 bar. Closed valve, 17,6 bar
- Stem: Non-rising with tapered stem end.
- Connection: With PRK retaining nuts for PE-pipes
- Vacuum: -0,8 bar
- Approvals: SINTEF Byggforsk (N), SITAC (S), ETA(DK)
- Tested and approved for sea water:
Det Norske Veritas Industry AS, report no.: R794135/R795019

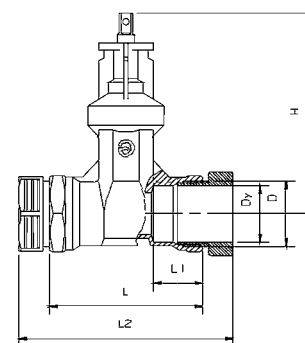


Dimensions stem top:

DN	B	H	h	d
20-50	12,3	27	8,1	5,5

References, dimensions and performances

DN/D mm	Dy mm	H mm	L mm	L1 mm	L2 mm	Weight kg	Kv m3/h	Z	Esco no.
20/G 1	25	169	110	33	142	1,6	43	0,2	21500025
25/G 1 1/4	32	169	118	37	162	1,7	69	0,2	21500032
32/G 1 1/2	40	169	130	38	183	1,8	69	0,2	21500040
40/G 2	50	183	140	45	196	2,3	80	0,2	21500050
50/G 2 1/2	63	208	150	50	219	3,8	221	0,2	21500063



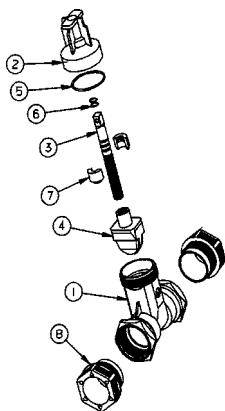
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Material specification



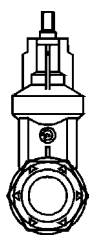
Pos	Detail	Materials
1	Body	Dezinkfree brass (DZR)
2	Bonnet	Dezinkfree brass (DZR)
3	Stem	Acid proof steel
4	Wedge	Brass CR / Rubber (NBR)
5	O-ring	Rubber (NBR)
6	O-ring	Rubber (NBR)
7	Stem bushing	Dezinkfree brass (DZR)
8	Thrust screw	Dy 25-60: Acetal plastic Dy 63: Dezinkfree brass (DZR)

Characteristics

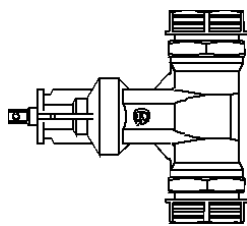
Operation torque:

DN/Dy	Number of turns	Bore dia	Closing torque	Max.torque
20/25	7	22	20Nm	120 Nm
25/32	8	28	20Nm	120 Nm
32/40	8	28	20Nm	120 Nm
40/50	10	38	25Nm	120 Nm
50/63	13	50	30Nm	120 Nm

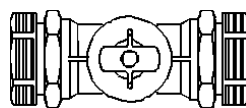
Installation



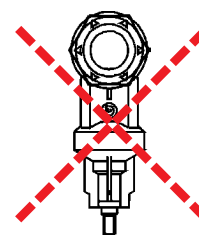
Recommended



Possible



Possible



Not recommended

Accessories and other variants

Accessories:

S-2110 Handwheel
S-1850 Spindle extension
S-1830/S-1835/S-1840 Operating box

Other variations:

S-2140 With push-in socket for PE pipes
S-2151 With standard pipe threads
S-2160 With PRK thrust screw coupling and male threads
S-2170 With PE-pipes
S-2186 With integrated Esco-sit compression fittings