

The Series 41/39 is a metal seated swing check valve, suitable for use with potable water, raw water and sewage, to a maximum temperature of +70°C.

Features:

- Metal seated valve with gunmetal body seat and gunmetal faced disc.
- Lightweight design.
- Pre-fitted extended spindle.
- Highly adaptable lever and weight system.
- 5 By-pass bosses as standard.
- Cross sectional flow area greater than 90%.
- Easy replacement of bonnet, bonnet gasket and disc.
- Corrosion resistant construction.
- Size range DN50-300mm.
- Fusion bonded epoxy coating.
- WRAS approved product

Options:

- Lever and weight*, mounted RHS as standard, can be mounted LHS on request.
- Lever and weight guard.**
- Limit/proximity switch actuation kit.
- Priming by-pass.
- Priming device.
- DN350-600mm available-Series 41/39 LD

*NB. Should always be used when valve is orientated vertically.

**It is a requirement of the HSE Machinery Directive that guards are fitted to cover Levers & Weights when utilised.



The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

SERVICE CONDITIONS

Maximum Working Pressure: 16 Bar.
 Temperature Range: -10°C to +70°C.
 Insulation essential for temperatures of 0°C and below.

APPLICABLE STANDARDS

To EN12334 - (EN558-1 - Series 48)
 Flanges and drilling to BS EN 1092-2.

TESTS

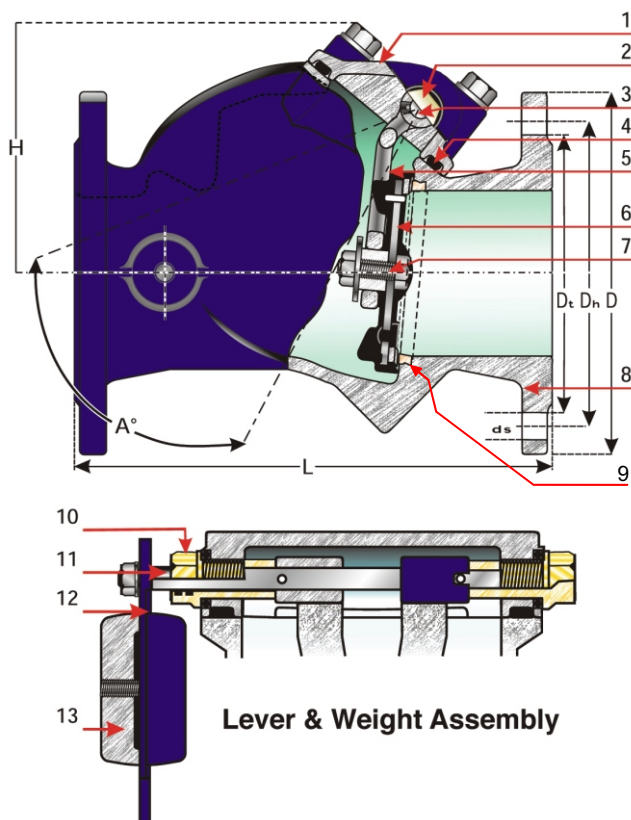
Hydrostatic test to EN 12266 Part 1.
 Seat: 1.1 x PN. Body: 1.5 x PN.

MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
1	Bonnet Assembly	Ductile iron, EN 1563, EN-GJS-500-7 complete with bolts and washers DIN 931-A2.
2	Bushing	DZR brass to BS EN 12164, CW 602 N (CZ132)
3	Spindle	Stainless steel to BS EN 10088-1 No1.4021.
4	Body/Bonnet Seal	EPDM. ESW-70.
5	Hinge	Up to DN 200 stainless steel AISI 315 (A4) DN 250/300. Ductile iron, BS EN 1563 EN-GJS-500-7.
6	Disc Assembly	Steel to DIN 17100 gr 40-2 : 1979 43B fully encapsulated with EPDM, ESW 70 faced with copper alloy to BS EN 1982 CC 491K (LG2)
7	Nut & Bolt	Stainless steel A2.
8	Body	Ductile iron, EN 1563, EN-GJS-500-7.
9	Body Seat	Copper Alloy.

OPTIONAL LEVER & WEIGHT ASSEMBLY

10	Bushing	DZR brass to BS EN 12164, CW 602 N complete with 3 NBR O rings.
11	Extended Spindle	Stainless steel to BSEN 10088-1 No1. 4021.
12	Lever	Ductile iron BS EN 1563 EN-GJS-7.
13	Weight	Grey cast iron, BS EN 1561. EN-GJL-250.
	Coating	Electrostatically applied blue epoxy tested to WIS 4-52-01. Epoxy powder WRAS listed.



DIMENSIONS & WEIGHTS

Ref Nos.	DN	L	H mm	Dt mm	D mm	Dh	ds mm		Holes	A°	Weight Kilos
							PN10	PN16			
41-0503X0180000	50	203	110	102	165	125	19	4	60°	12	
*41-0653X0180000	65	216	120	122	185	145	19	4	63°	17	
41-0803X0180000	80	241	140	138	200	160	19	8	66°	16	
41-1003X0180000	100	292	150	158	220	180	19	8	68°	21	
*41-1253X0180000	125	330	180	188	254	210	19	8	68°	35	
41-1503X0180000	150	356	195	212	285	240	23	8	70°	37	
41-2003X0180000	200	495	230	268	340	295	23	8 12	73°	69	
41-2503X0180000	250	622	270	320	406	350 355	23 28	12	76°	162	
41-3003X0180000	300	698	300	370	482	400 410	23 28	12	80°	187	

When Ordering: X=9 for free end shaft, 6 for lever & weight right side or 7 for lever & weight left side

* Only available in DIN sizes



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