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Series 41/20 PN 16 Resilient Seat Swing Check Valve, 50mm-300mm

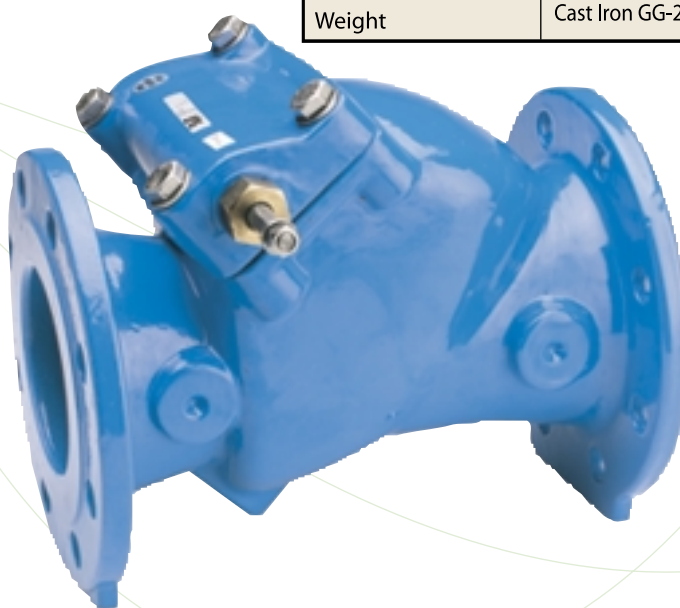
Series 41/30 (5013) PN 16 Metal Seat Swing Check Valve, 50m-300mm

Use		Materials of Construction	
For water and neutral liquids to max. 70°C		Description	Material
		Body	Ductile Iron BS EN 1563 EN -GJS 500/7
		Bonnet Assembly	Ductile Iron BS EN 1563 EN -GJS 500/7
		Hinge	Ductile Iron BS EN 1563 EN -GJS 500/7
		Extended Spindle	Stainless Steel BS EN 10088 Gr 1.4021
		Nut & Bolt (Disc)	Stainless Steel BS EN 10088 Gr 1.4301
		Disc Assembly (RS)	Steel to BS4360:1979 43B fully encapsulated with EPDM
		Disc Assembly (MS)	as above - faced with DZR Brass to BS EN 12164, CW 602 N
		Bushing	DZR Brass to BS EN 12164, CW 602 N
		Body Seat (MS)	DZR Brass to BS EN 12164, CW 602 N
		Body/Bonnet Seal	EPDM
		Fasteners	Stainless Steel BS EN 10088 Gr 1.4301
		Coating	Internal and external, electrostatically applied blue epoxy to WIS 4-52-01 Class B
		Optional Lever & Weight Assembly	
		Bushing	DZR Brass to BS EN 12164, CW 602 N complete with 3 EPDM O Rings
		Lever	Mild Steel to BS EN 10025:1990 Gr FE 430B
		Weight	Cast Iron GG-25, BS EN1561

Tests	
Hydraulic tests: Seat: 1.1 x PN Body: 1.5 x PN	

Optional Extras	
Lever & weight (RHS)	Proximity switch mounting kit
Lever & weight (LHS)	By-pass
Lever weight & guard	Other Drilling

Applicable Standards
To BS EN 12334-2001 (BS 5153:1974(1991)) BS EN 1074 Pt.3:2000 WRc/WRAS Approved Flanges to BS EN 1092-2:PN16



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SPECIFICATIONS

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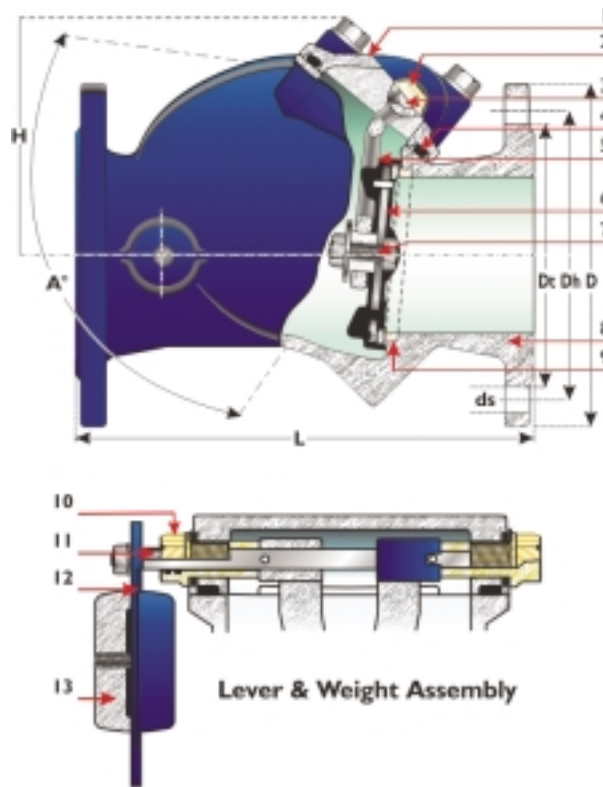
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Component List

- | | |
|---------------------|----------------------|
| 1. Bonnet Assembly | 8. Body |
| 2. Bushing | 9. Body Seat |
| 3. Spindle | 10. Bushing |
| 4. Body/Bonnet Seal | 11. Extended Spindle |
| 5. Hinge | |
| 6. Disc Assembly | |
| 7. Nut & Bolt | |

- | |
|------------|
| 12. Lever |
| 13. Weight |

Optional



Dimensions (mm)

LNS	DN	L	H	Dt	D	Dh	ds	No. of Holes	A°	Weight (kg)
41-050-200180000	50	203	110	102	165	125	19	4	60°	12
41-080-200180000	80	241	140	138	200	160	19	8	66°	16
41-100-200180000	100	292	150	158	220	180	19	8	68°	21
41-150-200180000	150	356	195	212	285	240	23	8	70°	37
41-200-200180000	200	495	230	268	340	295	23	12	73°	69
41-250-200180000	250	622	270	320	406	355	28	12	76°	132
41-300-200180000	300	698	300	370	482	410	28	12	80°	187

LNS code shown is for Series 41/20 Resilient Faced Valves