

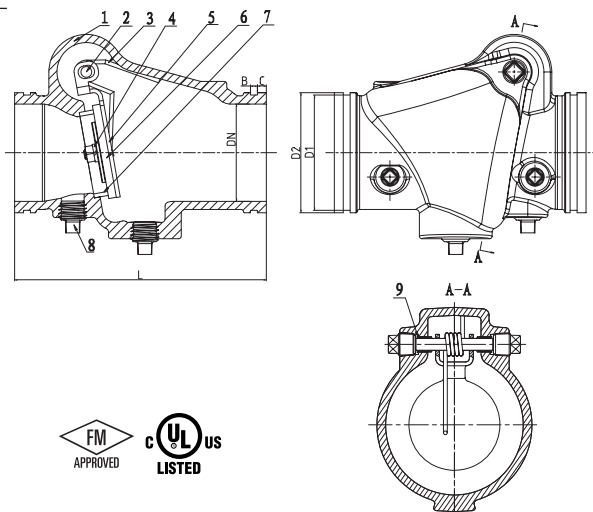


Swing Check Valve - Grooved

SCG

Technical Features

- **Sizes available (Nominal) :** DN50/2", DN65/2½", DN80/3", DN100/4", DN150/6", DN200/8", DN250/10" & DN300/12"
- **Pressure data :**
Working Pressure : 21 bar (300 psi).
- **Working Temperature :** 0.0°C to 80.0°C
- **Seat :** Bronze
- **Clapper :** EPDM coated ductile iron
- **Finish :** Fusion bonded epoxy coated internal and external or painting according to request.
- **Connections :** Grooved joint dimensions are made in accordance with metric or AWWA C806.



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Physical Data

Nominal Pipe Size		Dimensions (mm)					Reference	Weight (kg)
Metric	inch	L	D1	D2	b	c		
DN50	2"	172	57.2	60.3	7.9	15.9	SCG-0200	3.3
DN65	2½"	184	69.1	73.0	7.9		SCG-0250-073	3.6
			72.3	76.1			SCG-0250-076	
DN80	3"	197	84.9	88.9	7.9		SCG-0300	4.6
DN100	4"	206	110.1	114.3	9.5		SCG-0400	7.44
DN150	6"	325	160.9	165.1	9.5	19.1	SCG-0600-165	16.2
			164.0	168.3			SCG-0600-168	
DN200	8"	372	214.4	219.1	11.1		SCG-0800	26.9
DN250	10"	457	268.3	273	12.7		SCG-1000	51.9
DN300	12"	535	318.3	323.9			SCG-1200	75.6
* Not UL or FM								

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Materials List

Item	Part Name	Material	ASTM Specification
1	Valve Body	Ductile Iron	ASTM A 536 Gr. 65-45-12
2	Hinge Pin	Stainless Steel	AISI 420
3	Spring	Stainless Steel	AISI 304
4	Spring Washer	Stainless Steel	AISI 304
5	Disc	DN50-DN100 Stainless Steel DN150-DN300 Ductile Iron	AISI 304 ASTM A 536 Gr. 65-45-12
6	Disc Sealing Ring	EPDM	Commercial
7	Seat Ring	Bronze	ASTM B62 C83600
8	Plug	Malleable Iron - Galvanised	
9	Bushing	Bronze	ASTM B62 C83600

