



Control Valves & Devices | Strainers | Y-Strainers | Grooved | YSG



SPECIFICATIONS

Approvals	
Sizes available (nominal)	2"/DN50, 2-1/2"/DN65, 3"/DN80, 4"/DN100, 5"/DN125, 6"/DN150, 8"/DN200, 10"/DN250 & 12"/DN300
Working pressure*	21 bar (300 psi)
Finish	Fusion bonded epoxy coated, internal and external
Material	Ductile iron
Connections	Grooved joint dimensions are made in accordance with ANSI/AWWA C606 (ductile iron pipe and steel pipe) and metric pipe specifications

* Pressure ratings require the use of couplings with equivalent pressure ratings. Rigid couplings are recommended for all valve end connections

Physical data & part numbers | YSG

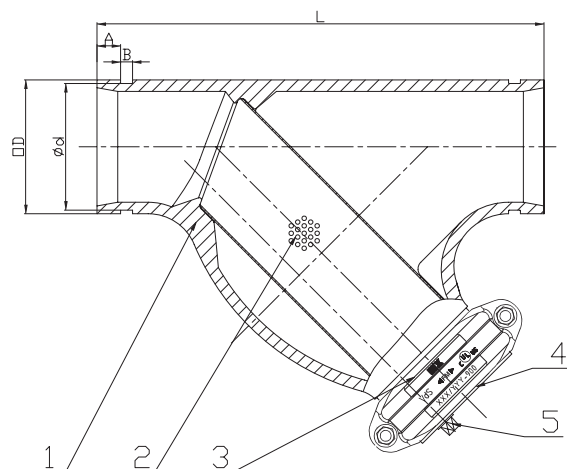
Reference	Nominal Pipe Size		Pipe O.D. (mm)	Drain Plug BSP Thread	Screen Size (mm)	Dimensions (mm)				Weight (kg)
	Metric	inch				L	D	A	B	
YSG-0200	DN50	2	60.3	15 mm	4	247.5	57.2	15.9	7.9	3.8
YSG-0250-073	DN65	2-1/2	73.0	25 mm	4	273	69.1	15.9	7.9	6.2
YSG-0250-076			76.1				72.3			
YSG-0300	DN80	3	88.9	25 mm	5	298.5	84.9	15.9	7.9	9.2
YSG-0400	DN100	4	114.3	40 mm	5	362	110.1	15.9	9.5	15.3
YSG-0500-139	DN125	5	139.7	50 mm	5	419	135.5	15.9	9.5	21.6
YSG-0500-141			141.3				137.0			
YSG-0600-165	DN150	6	165.1	50 mm	5	470	160.0	15.9	9.5	32.0
YSG-0600-168			168.3				164.0			
YSG-0800	DN200	8	219.1	50 mm	5	609	214.4	19.1	11.1	70.9
YSG-1000	DN250	10	273.0	50 mm	5	686	268.3	19.1	12.7	108.6
YSG-1200	DN300	12	323.9	50 mm	5	762	318.3	19.1	12.7	159.4

Screen data | YSG

DN		Hole Dia. (mm)	Free Flow Area (%)
Inch	mm		
2-2-1/2	50-65	4	48
3-12	80-300	5	53

Material list | YSG

Item	Description	Material	Specification
1	Valve Body	Ductile Iron	ASTM A536 65-45-12
2	Screen	Stainless Steel	AISI 304 (Perforated)
3	Rigid Coupling	Ductile Iron	ASTM A536 65-45-12
	Coupling Gasket	EPDM	Commercial
4	Cap	Ductile Iron	ASTM A536 65-45-12
5	Plug	Malleable Iron	Galvanized



Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name. The contents of this publication are subject to modifications without notice. All rights reserved. Fireking™ is a trademark of The Viking Corporation

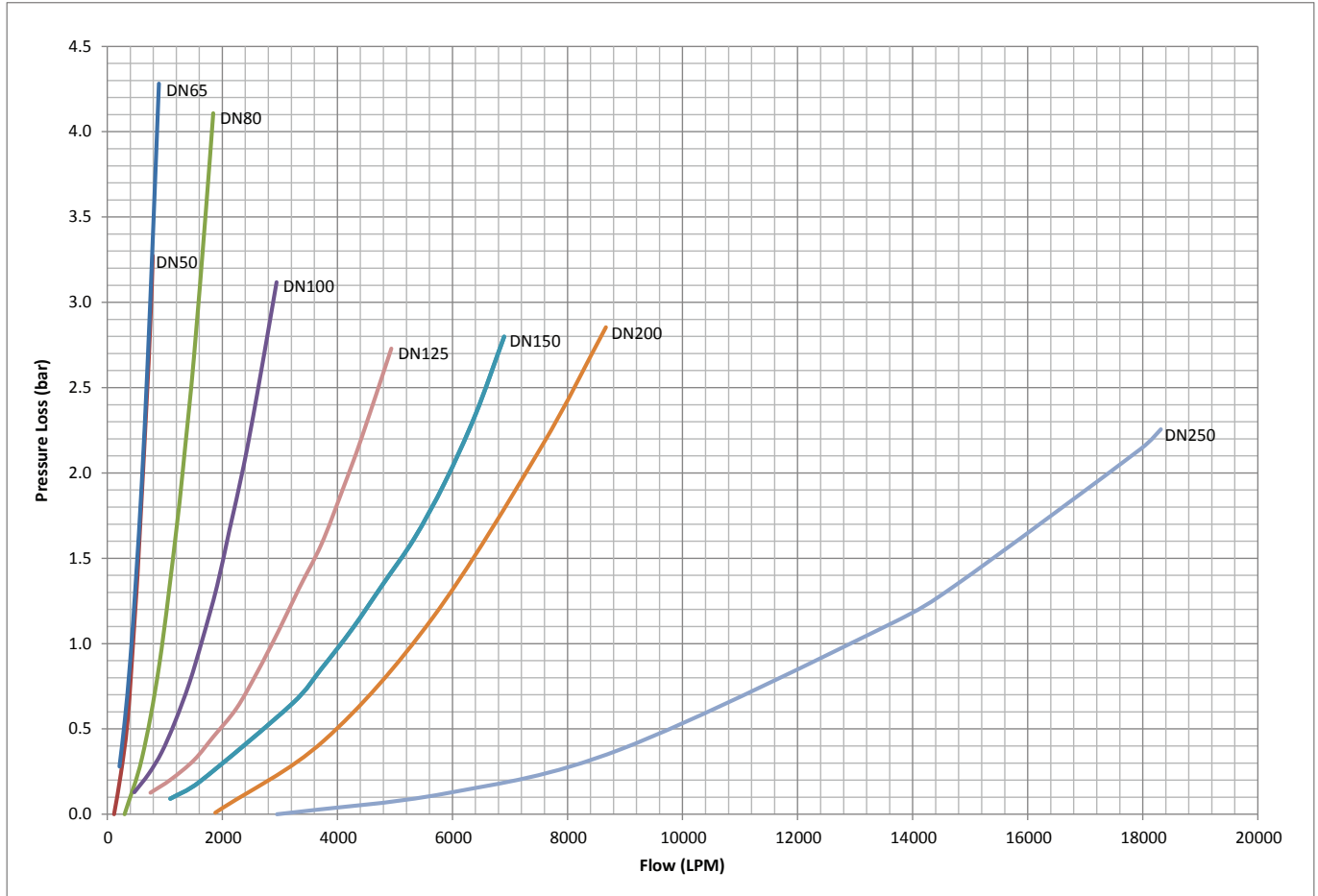
Trusted above all.





Control Valves & Devices | Strainers | Y-Strainers | Grooved | YSG

Pressure loss data | YSG



Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name. The contents of this publication are subject to modifications without notice. All rights reserved. Fireking™ is a trademark of The Viking Corporation

Trusted above all.

