

Needle Valve

PN 25 of ductile cast iron GGG

DN 300 - DN 1600



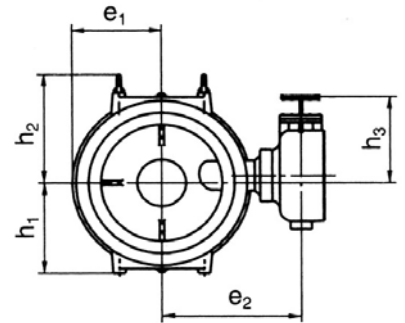
Range of application: water

Size	Pressure rating	Hydrost. test press. in bars		max. admissible working pressure in bars at a working temperature up to 60 °C
DN	PN	body water	seat water	
300 - 1600	25	37,5	25	25

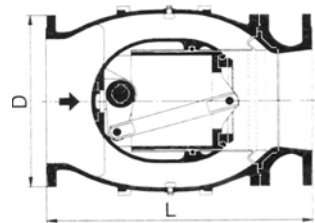
When placing the order, please specify application, kind of water, maximum and minimum flow rates pressure upstream and down stream of the the plunger valves as well as installation conditions

Materials/Equipments

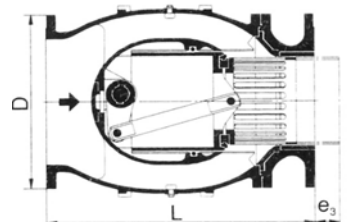
Catalogue No.	12-2010025
Body	Ductile Cast Iron GGG 40
Body outlet	Ductile Cast Iron GGG 40
Piston guide	EPDM rubber
Piston	Stainless steel
Vaned ring	Stainless steel
Seals	EPDM rubber
Shaft	Stainless steel
Crank	Stainless steel
Crank shaft	Stainless steel
Push rod	Stainless steel
Sealing	EPDM rubber
Corrosion protection	Epoxy resin
Gearbox	AUMA Gearbox with handwheel



Size	Face-to-face dimension	Flange diameter	Hand-wheel dia.	Height			Space requirement			Weight	Volume
				h ₁	h ₂	h ₃	e ₁	e ₂	e ₃		
DN mm	L mm	D mm	d mm	h ₁ mm	h ₂ mm	h ₃ mm	e ₁ mm	e ₂ mm	e ₃ mm	kg	m ³
300	600	485	350	256	319	244	235	357	100	269	0,32
350	700	555	350	287	350	244	285	420	70	455	0,60
400	800	620	350	355	420	265	330	465	68	505	0,74
450	900	670	350	395	460	265	370	515	75	848	1,05
500	1000	730	450	435	525	405	410	550	105	980	1,25
600	1200	845	450	510	620	440	485	645	95	1.850	1,85
700	1400	960	450	565	675	525	540	725	88	2.230	2,50
800	1600	1085	450	660	730	505	615	810	55	3.550	3,55
900	1800	1185	450	730	840	540	690	885	-	4.600	4,95
1000	2000	1320	500	800	950	540	775	1080	-	6.250	6,70
1200	2400	1530	500	960	1130	650	920	1290	-	8.225	11,24
1400	2800	1755	500	1120	1290	760	1065	1510	-	10.950	13,50
1600	3200	1975	500	1280	1450	880	1220	1710	-	17.380	18,20



with vaned ring



with slotted cylinder

SAUDI VALVES MANUFACTURING

Tel.: +966 3 341 8514 - Fax: +966 3 341 8515

P. O. Box 10137 Jubail Industrial City, 31961 The Kingdom of Saudi Arabia

E-mail: info@saudivalves.com - Internet: www.saudivalves.com

ISO 9001

BUREAU VERITAS
Certification



20.03.2009

N°215125