



DFP18 NRS Gate Valves are an important type of valve used to control the flow of liquids in various industrial and commercial applications. These valves typically operate with a sleeve that is mounted within a body and can open and close. The sleeve moves up and down within the body via a threaded spindle, allowing it to control the flow in fluid lines by either opening or closing the passage.

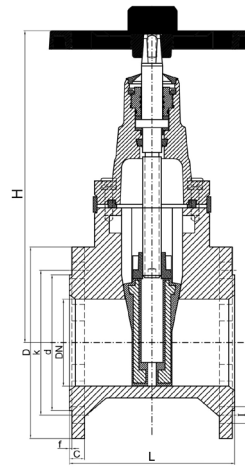
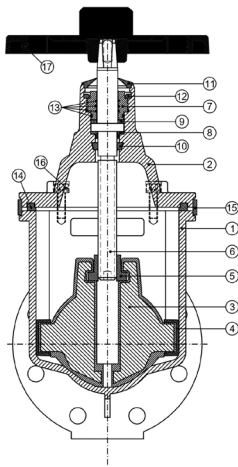
It is an important type of valve used in fire systems and is typically installed in front of fire hydrants.

Scope of Application

- Water Distribution Systems
- Fire Protection Systems
- Wastewater Management
- Oil and Gas Industry
- Industrial Processes
- Construction Sites
- Agricultural Systems

Temperature

- EPDM -20° / +120°
- NBR -20° / +100°
- VITON -30° / +200°



Material Specifications

NU	PART NAME	MATERIAL
1	Body	EN GJS 500 - Ductile Iron
2	Cover	EN GJS 500 - Ductile Iron
3	Wedge	EN GJS 500 + EPDM / NBR / VITON Ductile Iron + EPDM / NBR / VITON coated
4	Wedge Guide	Polymer
5	Wedge Nut	CuZn36Pb2As - Bronze - CW617N - Ms58
6	Shaft	AISI420 - AISI304 - AISI316 Stainless Steel
7	Shaft Bearing	CuZn36Pb2As - Bronze - CW617N - Ms58
8-9	Centering Ring	Polymer
10-11	Gaskets	EPDM - NBR - VITON
12	Safety Ring	Polymer
13	O-Rings	EPDM - NBR - VITON
14	Cover Gasket	EPDM - NBR - VITON
15	Protection	Polyethylene
16	Bolts	8.8 Galvanized - Stainless Steel
17	Cover Plate	EN GJS 500 - Ductile Iron

Dimensions

DN (mm)	PN	D	k	d	f	C	lxn	L	H	WEIGHT
40	10-16-25-40	150	110	84	3	19	19x4	140	237	19
50	10-16-25-40	165	125	99	3	19	19x4	150	237	20
65	10-16	185	145	118	3	19	19x4	170	271	23
	25-40	185	145	118	3	19	19x8	170	271	28
80	10-16-25-40	200	160	132	3	19	19x8	180	316	32
100	10-16	220	180	156	3	19	19x8	190	365	34
	25-40	235	190	166	3	19	23x8	190	365	39
125	10-16	250	210	184	3	19	19x8	200	396	42
	25	270	220	184	3	19	28x8	200	396	44
150	40	270	220	184	3	23,5	28x8	200	396	44
	10-16	285	240	211	3	19	23x8	210	435	50
200	25	300	250	211	3	20	28x8	210	435	69
	40	300	250	211	3	26	28x8	210	435	69
250	10	340	295	266	4	20	23x8	230	572	89
	16	340	295	266	4	20	23x12	230	572	89
300	25	360	310	274	4	22	28x12	230	572	99
	40	375	320	284	4	30	31x12	230	572	99
350	10	395	350	319	4	22	23x12	250	671	111
	16	405	355	319	4	22	28x12	250	671	111
400	25	425	370	330	4	24,5	31x12	250	671	121
	40	450	385	345	4	34,5	34x12	250	671	121
450	10	445	400	370	4	24,5	23x12	270	765	145
	16	460	410	370	4	24,5	28x12	270	765	145
500	25	485	430	389	4	27,5	31x16	270	765	155
	40	515	450	465	4	39,5	34x16	270	765	155
550	10	505	460	429	4	24,5	23x16	290	935	180
	16	520	470	429	4	26,5	28x16	290	935	180
600	25	555	490	448	4	30	34x16	290	935	200
	40	580	510	465	4	44	37x16	290	935	200
650	10	565	515	480	4	24,5	28x16	310	1045	330
	16	590	525	480	4	28	31x16	310	1045	340
700	25	620	550	503	4	32	37x16	310	1045	360
	40	660	585	535	4	48	37x16	310	1045	360
750	10	615	565	530	4	25,5	28x20	330	1144	380
	16	640	585	548	4	30	31x20	330	1144	400
800	25	670	600	548	4	34,5	37x20	330	1144	425
	40	685	610	560	4	49	41x16	330	1144	425
850	10	670	620	582	4	26,5	28x20	350	1144	380
	16	715	650	609	4	31,5	34x20	350	1144	400
900	25	730	660	609	4	36,5	37x20	350	1144	415
	40	755	670	615	4	52	44x20	350	1144	415
950	10	780	725	682	5	30	31x20	390	1375	660
	16	840	770	720	5	36	37x20	390	1375	680
1000	25	845	770	720	5	42	41x20	390	1375	723
	40	890	795	735	5	58	50x20	390	1375	723

