



◆ Technical Data

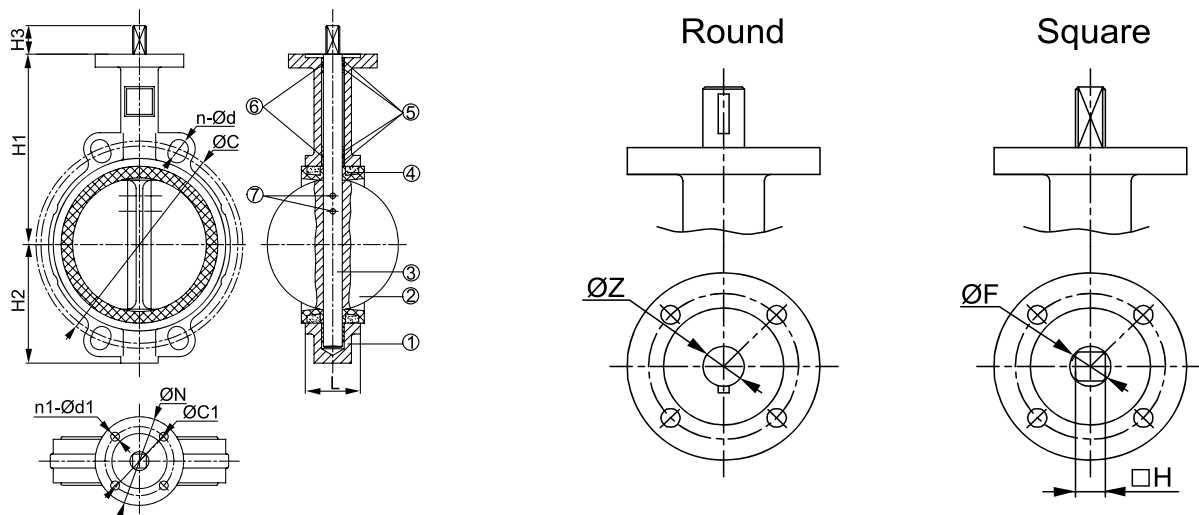
Size	DN40-DN1200
General Design	API609 *
Mounting Pad	ISO 5211
Face to Face	API609; EN558-1 20 series etc. *
Flange Drilling	DIN 2501 PN10/PN16 *
Inspection and Test	API598

- * All available General Design and Face to Face Standard kindly refer to the Basic Specification of Hiwa.
- * All available Flange drilling kindly refer to the attached Flange Drilling Dimensions.

◆ Product Features:

- Wafer, lug or U type flanged body style fit between FF or RF flanges
- PTFE bushing ensure the maximum shaft support and centralized alignment.
- 360° polished disc assures positive on-off
- Hard-Backed Cartridge Seat
- One piece shaft, pinned, splined and square connected disc.
- Universal ISO 5211 mounting Pad.

B15W-YX



◆ Dimensions

SIZE		L	H1	H2	H3	ISO5211				DIN2501						ØZ	ØF	H
DN	NPS					No.	ØN	ØC1	n1-Ød1	PN6		PN10		PN16				
40	1.5"	33	120	67	29	F05	65	50	4-Ø8	100	4-Ø14	110	4-Ø18	110	4-Ø18	12.6	12.1	9
50	2"	43	140	70	29	F05	65	50	4-Ø8	110	4-Ø14	125	4-Ø18	125	4-Ø18	12.6	12.1	9
65	2-1/2"	46	155	79	29	F05	65	50	4-Ø8	130	4-Ø14	145	4-Ø18	145	4-Ø18	12.6	12.1	9
80	3"	46	160	95	29	F05	65	50	4-Ø8	150	4-Ø18	160	8-Ø18	160	8-Ø18	12.6	12.1	9
100	4"	52	180	107	29	F07	90	70	4-Ø10	170	4-Ø18	180	8-Ø18	180	8-Ø18	15.77	14.1	11
125	5"	56	193	120	29	F07	90	70	4-Ø10	200	8-Ø18	210	8-Ø18	210	8-Ø18	18.92	18.1	14
150	6"	56	200	139	29	F07	90	70	4-Ø10	225	8-Ø18	240	8-Ø22	240	8-Ø22	18.92	18.1	14
200	8"	60	240	170	35	F10	125	102	4-Ø12	280	8-Ø18	295	8-Ø22	295	12-Ø22	22.2	22.2	17
250	10"	68	272	200	35	F10	125	102	4-Ø12	335	12-Ø18	350	12-Ø22	355	12-Ø26	28.45	28.2	22
300	12"	78	317	242	37	F10	125	102	4-Ø12	395	12-Ø23	400	12-Ø22	410	12-Ø26	31.6	28.2	22

- * Other available Flange drilling kindly refer to the attached Flange Drilling Dimensions.
- * Special Stem head dimensions kindly contact with Hiwa directly.

C10

◆ Technical Data

Size	DN40-DN800
Working Pressure	PN10/PN16
Face to Face	DIN3202-K3
Flange Drilling	ANSI B16.1 Class 125, EN1092-PN10/PN16 *
Inspection and Test	API598

* All available Flange drilling kindly refer to the attached Flange Drilling Dimensions.

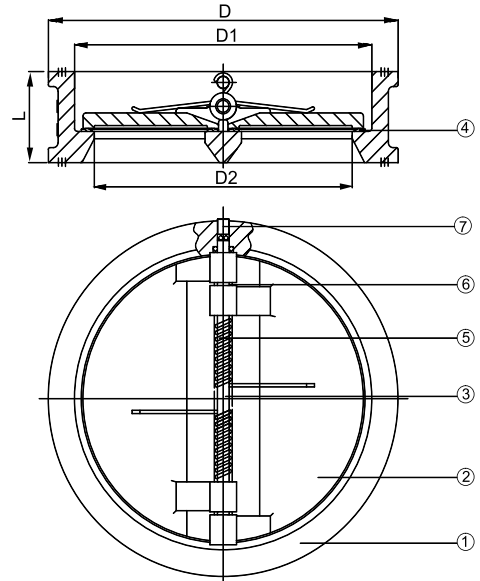
◆ Product Features:

Wafer body style fits between FF or RF flanges.
 Upper and lower PTFE thrust washers
 Resilient Buna-N or EPDM seat.
 Dual Plate Valves give maximum strength with minimum opening time.
 Torsion springs assist valve closure, preventing flow reversal .
 Thrust washers reduce friction and wear of valve plate hinges.

◆ Material of Construction

Parts	Description	Material	Specification
1	Body	Cast Iron	A126B *
2	Disc	Stainless Steel	A351 CF8M *
3	Stem	Stainless Steel	A351 CF8M *
4	Seat	EPDM	*
5	Spring	Stainless Steel	AISI 316 *
6	Washer	PTFE	*
7	Hex Nut	Cast Steel	A194 2H *

* Other material request kindly refer to Bill of MainMaterials of Hiwa.



Hiwa Products specifications in this catalogues are provided for reference only. For precise measurements, please contact Hiwa Technical Service, Hiwa reserve the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Hiwa products previously or subsequently sold.

◆ Dimensions

SIZE		L	D		D1	D2
DN	NPS		PN10	PN16		
40	1.5"	43	78	78	57	38
50	2"	43	107	107	65	46
65	2.5"	46	127	127	80	60
80	3"	64	142	142	94	70
100	4"	64	162	162	117	88
125	5"	70	192	192	145	115
150	6"	76	218	218	170	134
200	8"	89	273	273	224	184
250	10"	114	328	328	265	220
300	12"	114	378	378	310	260
350	14"	127	438	444	360	298
400	16"	140	489	489	410	350
450	18"	152	539	555	450	385
500	20"	152	594	617	505	438
600	24"	178	695	734	624	538
700	28"	229	810	804	720	640
800	32"	241	917	911	825	734

* Other available Flange drilling kindly refer to the attached Flange Drilling Dimensions.