

# BUTTERFLY VALVE

## WAFER TYPE MANUAL BUTTERFLY VALVES

- Wide Size range (DN40...DN300)
- Operated by Lever/Gear Box
- 90 deg opening/closing operation
- Cast iron Body
- Epoxy Coated Ductile Iron disc
- Wafer type Connection



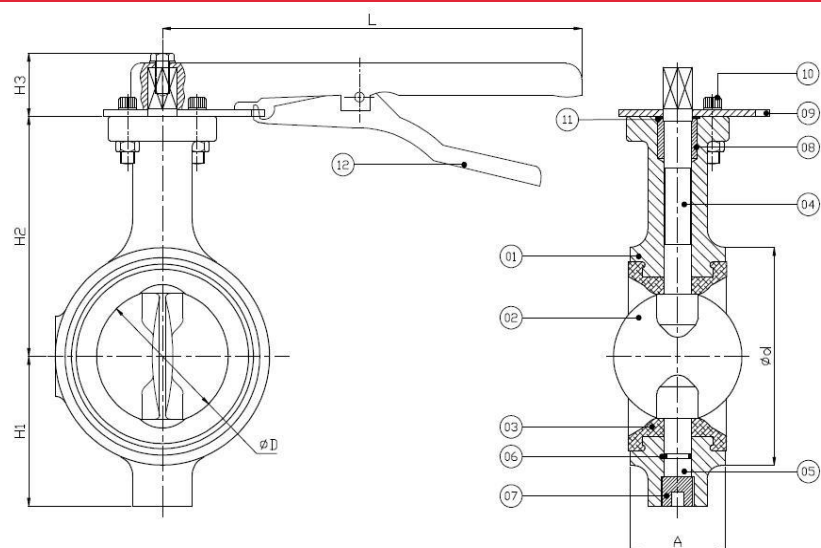
### GENERAL

The BS-HWC4 Manual Butterfly Valves is designed for Chilled & Hot Water to be operated by Hand lever or Gear Box

#### Technical Specification

Sizes	DN40-DN300
Nominal pressure	PN16
Medium Temperature	-10°C ~ +110°C Maximum
Body Material	IS:210, FG 200 C.I - up to DN250 DUCTILE IRON D.I - DN30
Stem Material	ASTM A276,GR SS 410
Disc Material	Epoxy Coated Ductile Iron Disc
Lever	Mild Steel
Leakage Rate	No visible leakage
Medium Type	Water
Flange standard	ISO7005-1 (GB/T 9113) / IS:1538
Shell Test pressure	24 bar
Seal Test pressure	17.6 bar

## DIMENSIONS (mm)



## MATERIAL LIST

PT No.	PART NAME	MATERIAL
01	BODY	IS:210,Gr. FG200
02	DISC	D.I(EPOXY COATED)
03	SEAT	EPDM
04	UPPER STREAM	ASTM A276, GR. SS410
05	LOWER STREAM	ASTM A276, GR. SS410
06	O-RINGS	NITRILE / EPDM
07	PLUG	M.S. (CROME PLATED)
08	BUSH	PTFE
09	NOTCH PLATE	M.S. (POWDER COATING)
10, 11	FASTNER	STAINLESS STEEL
12	HAND LEVER	M.S. (POWDER COATING)

## DIMENSIONS (mm)

Size	40	50	65	80	100	125	150
A	34.5	41.5	44.5	116	50.5	54.5	54.5
H1	61	67	74	160	100	119	132
H2	106	110	118	64	145	161	174
H3	28	28	34	34	39	39	39
L	175	175	216	216	267	267	267
$\phi D$	39	52	65.5	80.5	100	122.5	146.5
$\phi d$	83	97	91	116	160	192	213
PCD	110	125	130	160	180	210	240
QTY.	1	1	1	1	1	1	1
WEIGHT	1.7	2.4	3	3.3	5.2	8	8.6

## Model Table

Size	Model Number	Description
DN50	BS-HWC4-PN 16-0050	DN50 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI disc, PN16
DN65	BS-HWC4-PN 16-0065	DN65 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16
DN80	BS-HWC4-PN 16-0080	DN80 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16
DN100	BS-HWC4-PN 16-0100	DN100 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16
DN125	BS-HWC4-PN 16-0125	DN125 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16
DN150	BS-HWC4-PN 16-0150	DN150 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16
DN200	BS-HWC4-PN 16-0200	DN200 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16
DN250	BS-HWC4-PN 16-0250	DN250 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16
DN300	BS-HWC4-PN 16-0300	DN300 Manual Butterfly valve, Hand Lever, Wafer, CI valve body and Epoxy Coated DI, PN16

Note: valve sizes up to DN600 are also available. Please contact local sales for details.

### For more information,

<https://honeywellbuildings.in>

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