



UPC-LCV-443

## CAST STEEL HORIZONTAL LIFT CHECK VALVE PN40

### Design Features:

- Cast Carbon Steel Horizontal Lift Check Valve
- Straight Pattern
- Spring Loaded
- Bolted Body Bonnet Joint
- Renewable Body Seat & Disc Facing Rings.
- Raised Face Drilled/ Undrilled

### Conformity to Standard & Codes:

- Product Standard-BS 5160
- Pressure Rating- PN40
- Testing Standard-BS EN 12266-Part 1
- End Details-Flanged Ends to BS 4504 Part-1/DIN 2545 Raised face Undrilled

### Size

15mm to 200mm (1/2" to 8")

### Applications

- Steam Industries
- Water Supply & Solvent Industries
- Oil Industries
- Process Industries

Water  Steam  Oil  Air



Test Certificate in Form III\_C as per IBR is Furnished with every supply

**UPC INSTRUMENTS PVT.LTD.**  
AN ISO 9001:2015, 14001-2015 CE & TÜV SÜD CERTIFIED COMPANY



# CAST STEEL HORIZONTAL LIFT CHECK VALVE PN40



## DIMENSIONS:

NOMINAL SIZE								
INCHES	SIZE IN MM	L ±2	ØD	ØC	FT	K	N	ØRFH
1/2"	15	130	95	45	16	65	4	2
3/4"	20	150	115	58	18	82.6	4	2
1"	25	160	115	68	18	87.3	4	2
1 1/2"	40	200	150	88	18	104.8	4	3
2"	50	230	165	102	20	127	4	3
2 1/2"	65	290	185	250	22	146.1	8	3
3"	80	310	200	250	24	165.1	8	3
4"	100	350	235	315	24	190.5	8	3
6"	150	480	300	400	28	260.4	12	3
8"	200	600	375	450	34	324	12	3

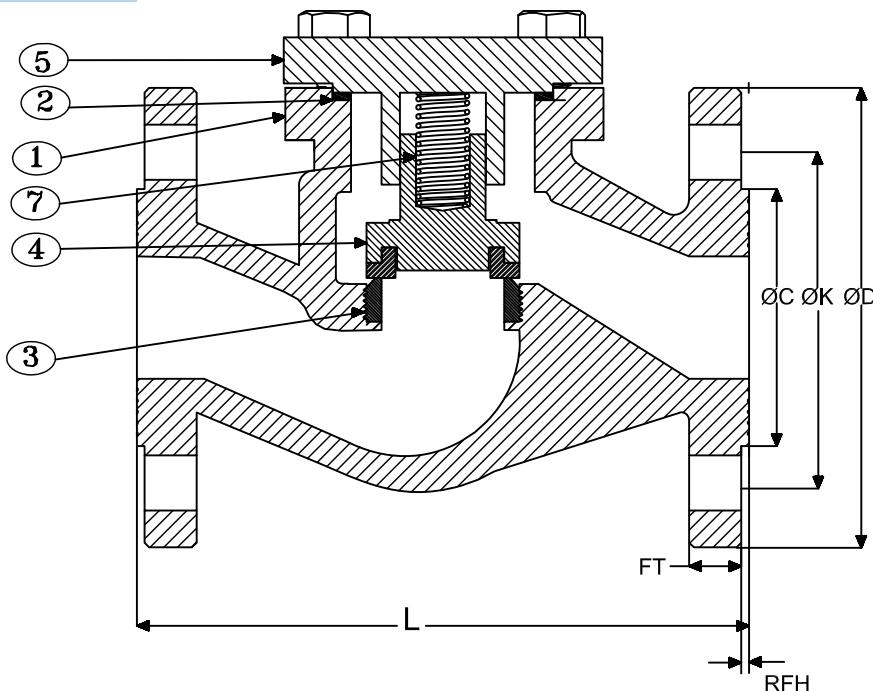
\*All dimensions are in mm unless and otherwise specified.

## PART LIST

S NO	PART NAME	MATERIAL	STANDARD
1.	Body	C.S.	ASTM A 216 Gr. WCB
2.	Gasket	C.N.A.F.	Compressed Non-Asbestos Fibre
3.	Body Seat Ring	S.S	ASTM A 276 TYPE 304
4.	Disc	S.S	ASTM A 276 TYPE 410/ASTM A 217 Gr. Ca15
5.	Cover	C.S.	ASTM A 216 Gr. WCB
6.	Body Bonnet Studs & Nuts	C.S.	Carbon Steel
7.	Spring	Spring Steel	Spring Steel

## TEST PRESSURE:

TEST PRESSURE:		Maximum Pressure at 400°C
TYPE OF TEST	PRESSURE (Bar)	
Body Test Pressure	76 Bar	
Seat Test Pressure	40 Bar	



## WARRANTY

All the valves are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the valves has not been misused, damaged, installed for services it is not recommended or the seal has been tampered with. The company shall be liable to furnish part/ parts thereof or full Valve as the company may deem fit.



**UPC INSTRUMENTS PVT.LTD.**  
AN ISO 9001:2015, 14001-2015 CE & TÜV SÜD CERTIFIED COMPANY



Office: Plot No. 18, Towel Market, Gohana Road, Panipat-132103 (HARYANA)

Manufacturing Unit: Plot no.125,Near Tehsil, Dinger Majra Road, Gharaunda, Karnal-132114 (HARYANA)

✉ : info@unitechmeter.com ✉ : ho@unitechmeter.com ✎ : www.unitechmeter.com