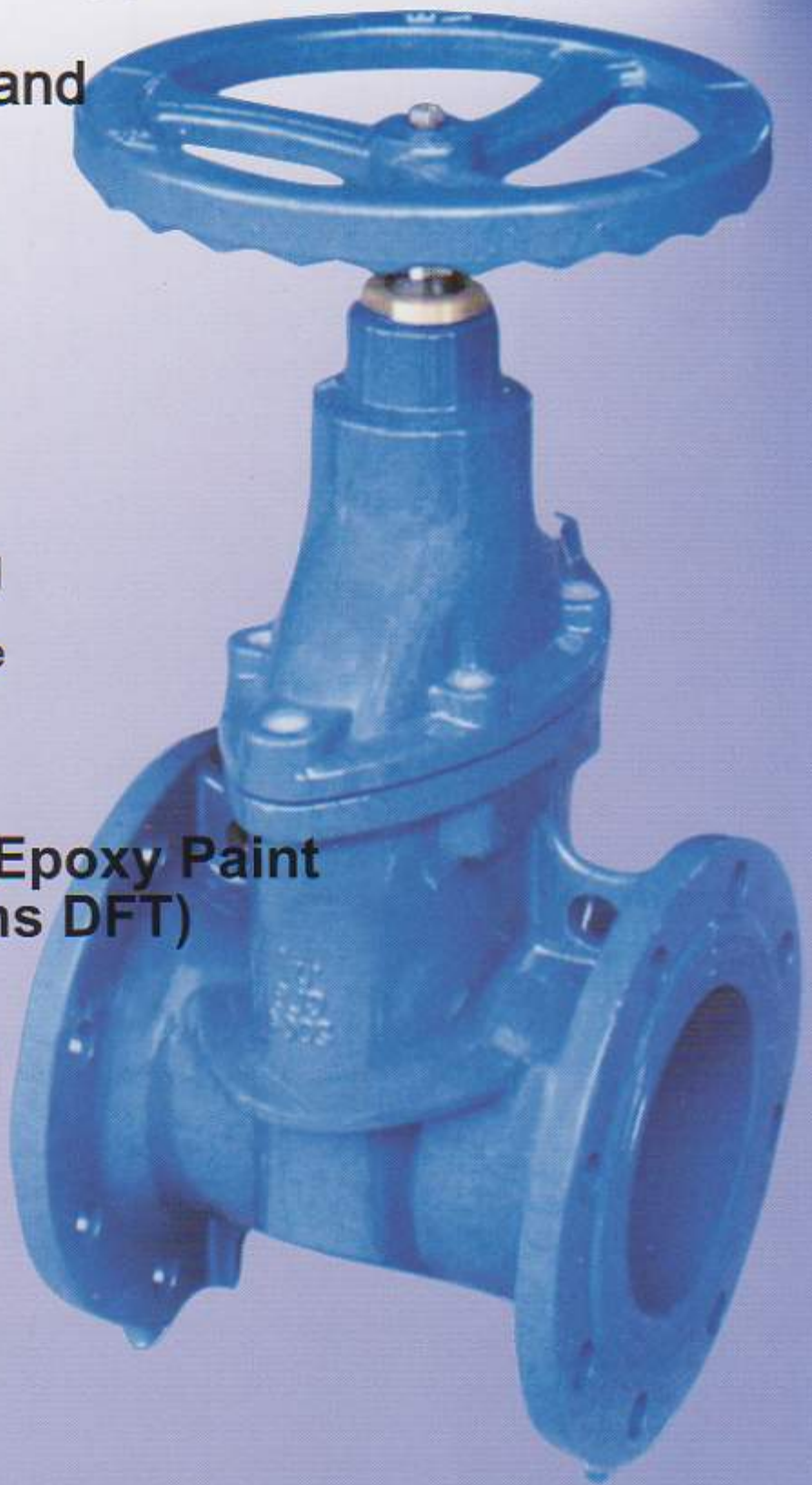
HAH Resilient Seated Ductile Iron Gate Valve

Comply to BS 5163 Type B Non-Rising Stem

For Water, Sewage and Neutral Liquids



Diameter Range:
50mm to 500mm

Operation Temperature
-10deg to +70deg

Maximum Working Pressure
16 bar (PN16)

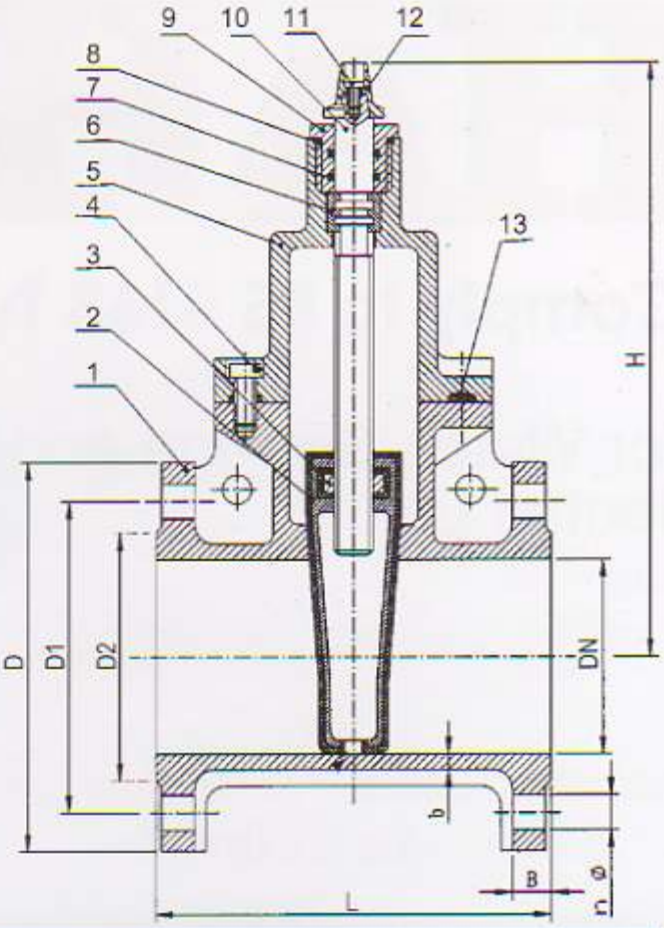
Finishes
Fusion Bonded Epoxy Paint (Min. 250 microns DFT)

Operation Method
Manual Operated CW Closing

Optional:
- Captop, Handwheel, Rising Stem, CCW Closing,
- DN550 - DN700 Gate Valve available upon request

SPECIFICATIONS

No	Part	Material
1	Body	Ductile Iron BS EN 1563 Gr 420/12
2	Resilient Wedge	EPDM ASTM D2000 65° - 85° IRHD
3	Stem Nut	Gunmetal BS 1400 AB1
4	Bonnet Bolt	Zinc Plated Steel BS 3692 Gr 5
5	Bonnet	Ductile Iron BS EN 1563 Gr 420/12
6	Thrust Collar	Gunmetal BS 1400 AB1
7	O Ring Seal	NBR ASTM D2000 70° IRHD
8	O Ring Seal	NBR ASTM D2000 70° IRHD
9	Gland Nut	Gunmetal BS 1400 AB1
10	Stem	Stainless Steel BS 970 Part 1 Gr 431 S29
11	Cap Bolt	Zinc Plated Steel BS 3692 Gr 5
12	Stem Cap	Ductile Iron BS EN 1563 Gr 420/12
13	Bonnet Gasket	NBR ASTM D2000 70° IRHD



DIMENSIONS & WEIGHTS

DN mm	H mm	L mm	D mm	D1 mm	D2 mm	B mm	b mm	No.-φ hole size	Weight kg
50	305	178	165	125	99	19	9	4-φ19	11.5
80	365	203	200	160	132	19	9	8-φ19	17.5
100	400	229	220	180	156	19	10	8-φ19	21.5
150	490	267	285	240	211	19	12	8-φ23	43
200	615	292	340	295	266	20	14	12-φ23	73
250	725	330	405	355	319	22	15	12-φ28	110
300	800	356	460	410	370	24	16	12-φ28	164
350	970	381	520	500	429	26.5	-	16-φ28	320
400	1020	406	580	560	480	28	-	16-φ31	430
450	1220	432	640	560	548	30	-	20-φ31	540
500	1370	457	715	650	609	31.5	-	20-φ34	690

Features

- Ductile Iron Wedge Fully vulcanised with EPDM
- Straight Through Bore ensures optimum flow characteristics.
- Watertight sealing by compression of the rubber without friction.
- O Ring Stem Seals replaceable in open position under full operating condition.
- Allow inspection and replacement of gate without removing valve from the pipeline.