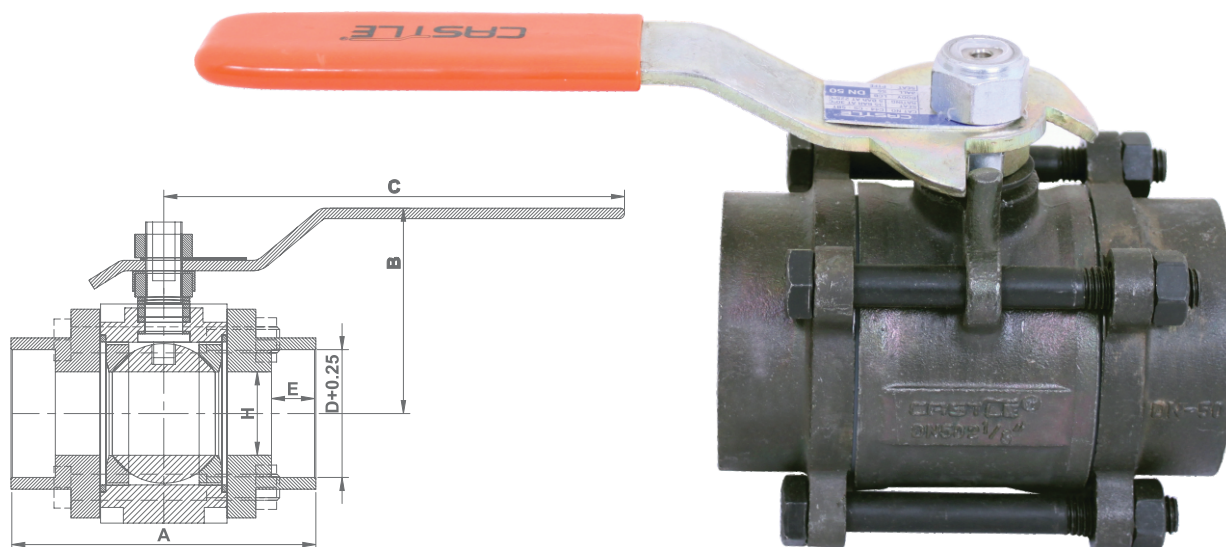# Castle Ball Valves for industrial refrigeration

Ball Valves

Application
Petroleum, Petrochemical, Chemical, Refrigeration, air-conditioning and engineering industries. Valves are compatible with Ammonia, CFC, HCFC, Oil, Air, Chemicals, Gas, Acids, Alkalies etc. amongst many other media.

Installation
The three piece design makes the Series C-44 valve the most easily maintainable valve in its type. By removing three body connector bolts and loosening the fourth, the body can be swung away using the fourth bolt as a fulcrum, to carry, out any maintenance on the valve. This feature allows the valve to be online and considerably reduces down time.

Safe Working Pressure : 40 Bar

Temp : -46/+125°C

MATERIAL SPECIFICATIONS	
Name of Part	Carbon Steel valve
Body	ASTM-A352 L.C.C.
Body Connector	
Ball	AISI 304 Gr. CF 8
Seat	Virgin PTFE
Stem	Stainless Steel AISI 304 Virgin PTFE
Body Seal	
Gland Pancking	35% Carbon filled PTFE
Stem Seal	

Model	SCREWED / SOCKET-WELD END (IN MM, UNLESS SPECIFIED)						Weight
DN	INCH	A	B	C	D+0.25	E	H	Kg
DN15 (1/2")	1/2" - 5/8"	64	45	122	21.8	9.7	11.2	0.6
DN20 (3/4")	7/8"	75	54	122	27.4	12.7	14.2	1
DN25 (1")	1.1/8"	94	75	148	34.1	12.7	22	1.7
DN32 (1.1/4")	1.3/8"	109	73	182	42.7	12.7	25	2.5
DN40 (1.5")	1.5/8"	118	73	182	49	12.7	32	3.7
DN50 (2")	2.1/8"	127	83	182	61	12.7	38	5
DN65 (2.5")	2.5/8"	145	260	230	77.5	15.9	50	8.5
DN80 (3")	3.1/8"	172	280	230	91	20	63	11.5
DN100 (4")	4.1.8"	185	295	230	117.5	25	72	18
DN125 (5")	5.1/8"	230	295	230	142	25	96	25