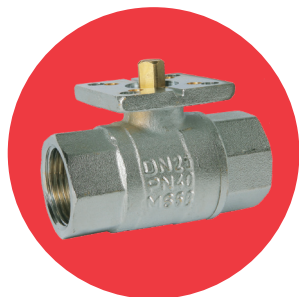


# ART 160

## PN40 Brass Ball Valve



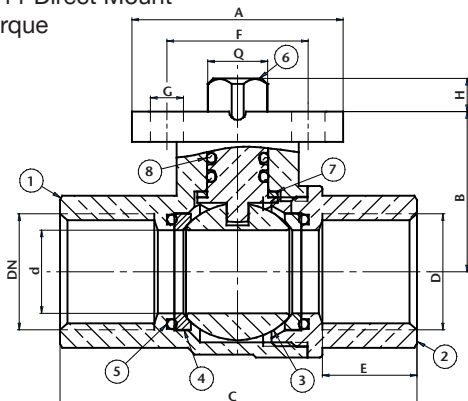
### Technical data

Max pressure:  $\frac{1}{4}$ " - 1" 40 Bar  
 $1\frac{1}{4}$ " 32 Bar  
 $1\frac{1}{2}$ " - 2 $\frac{1}{2}$ " 30 Bar  
 3" 25 Bar

Working temp: -20°C to +120°C

### Features

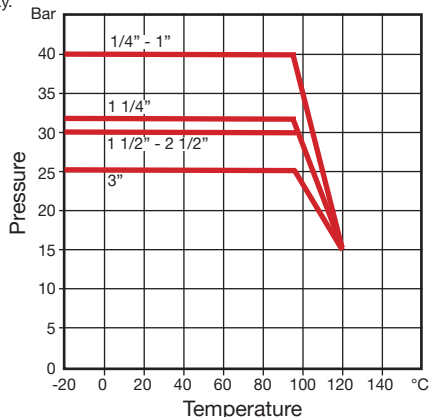
- Screwed BSP Parallel (ISO 228/1)
- PTFE seats & seals
- ISO 5211 Direct Mount
- Low torque



DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
d	11.5	15	15	20	25	32	38	47	64	76
A	38	38	38	38	50	50	50	50	70	70
B	29	29	29	33	37	42	58	64	90	100
C	64	64	64	76	88	96	103	121	165	188
G	6	6	6	6	6/7	6/7	6/7	6/7	8.5	8.5
E	17	17	17	19	21	22	22	24.5	34	37
F	36	36	36	36	36/50	36/50	36/50	36/50	70	70
Drilling	F03	F03	F03	F03	F03/F05	F03/F05	F03/F05	F03/F05	F07	F07
Q	9	9	9	9	9	9	11	11	14	14
H	10	10	10	10	10	10	12	12	16	16
Torque	3	3	3	4	5	10	15	15	20	20
Kv	5.4	6.0	16.2	29.4	43.0	89.0	230.0	264.0	538.0	870.0
Kgs	0.34	0.32	0.28	0.41	0.71	0.95	1.16	2.06	3.85	5.52

Torque calculated at zero pressure includes 25% safety, add 25% for dry duty.

N.	Part Name	Materials
1	Body	Brass / Chrome Plated CW617N
2	Cap	Brass / Chrome Plated CW617N
3	Ball	Brass / Chrome Plated CW617N
4	Seat	PTFE
5	O-Ring	PTFE
6	Stem	Brass / Nickel Plated CW614N
7	Washer	PTFE
8	O-Ring	Viton



V3 Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.