s.84 IR6

1/2" - 1"
EN 10226-1

HIGH TEMPERATURE RESISTANCE
Now approved for **HTB** use (Hochtemperaturbeständigkeit)
Class B 0,1 (0,1 bar @650°C for at least 30 minutes).

Quality
• 24h 100% seal test guaranteed
• Dual sealing system allows valve to be operated in either direction making installation easier
• No metal-to-metal moving parts
• No maintenance ever required
• Handle clearly shows ball position
• Silicone-free lubricant on all seals
• Handle stops on body to avoid stresses at stem
• Chrome plated brass ball for longer life with rinse hole

Body
• Hot forged sand blasted external nickel plated brass body and cap sealed with Loctite® or equivalent thread sealant
• Finest brass according to EN 12165 and EN 12164 specifications

Stem
• Blowout-proof nickel plated brass stem
• Maintenance- free, double FPM O-rings at the stem for maximum safety

Sealing
• Pure PTFE self-lubricating seats with flexible-lip design

Threads
• EN 10226-1, ISO 228 parallel female by female threads

Upon request
• Stainless steel ball (1.4401 / AISI 316)
• Glass filled PTFE seals
• Custom design

PED directive
• The product described in this document meets the requirements of PED Directive 2014/68/UE and according to art.4 par.3, it does not require CE marking

Flow
• Full port to DIN 3357 for maximum flow

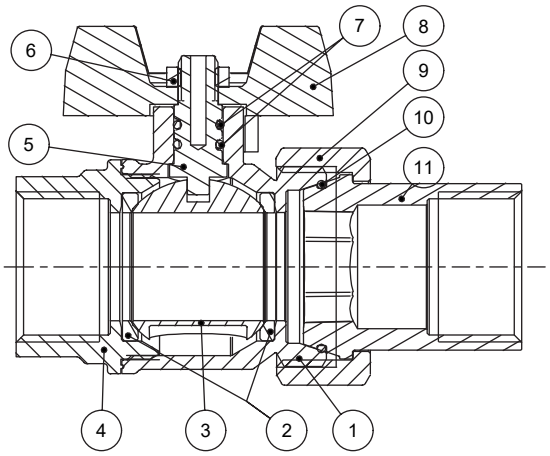
Handle
• Aluminum T-handle, painted yellow.
• **WARNING:** do not exceed reasonable temperature and/or electrical load
• T-handle removable with valve in service

Working pressure & temperature
• 40 bar (600 PSI) non-shock cold working pressure
• -40°C to +170°C (-40°F to +350°F)
• For use with dangerous fluids temperature rating is -20°C +60°C and pressure rating is 5 bar / **HTB** Class B 0,1
• **WARNING:** freezing of the fluid in the installation may severely damage the valve

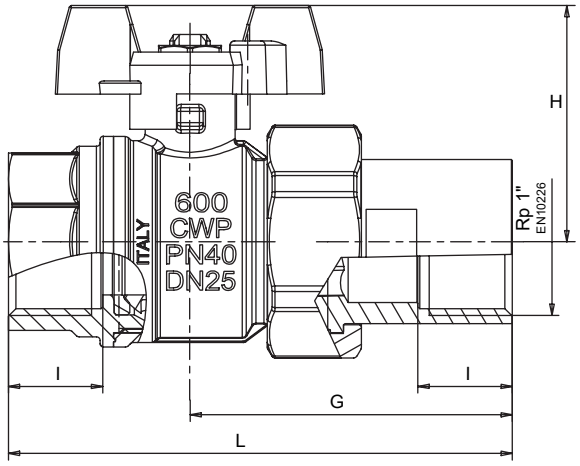
Options
• Stem extension
• Geomet® carbon steel handle with PVC dip coating
• Stainless steel handle (1.4016 / AISI 430)
• Taper male by union end
• Oval lockable handle
• Patented locking device
• Stubby handle
• RuB memory stop designed to be installed with our stubby handle

Approved by or in compliance with
• RoHS Compliant (EU)
• DIN-DVGW (Germany) – MOP 5 B 0,1*
• ARGB-KVBG (Belgium) – MOP 5 bar for outside building gas installation*

NOTE: approvals apply to specific configurations/sizes only.
* = valve only is approved to EN331 / EN1775.



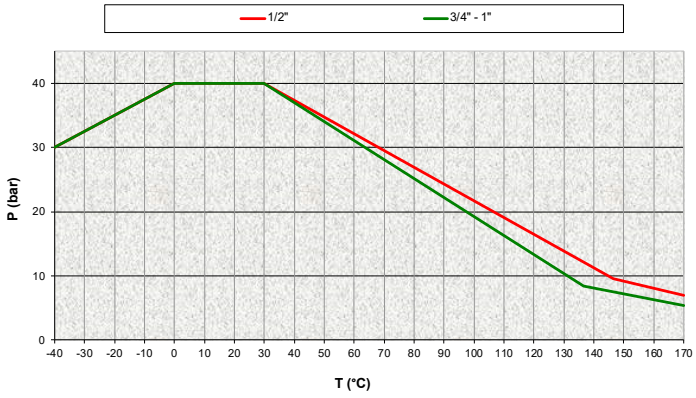
	Part description	Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Nickel plated end-cap (external nickel plated, unplated inside)	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	CB4FF (EN10263-2)
7	O-Ring	2	FPM
8	Yellow T-handle	1	EN AC-46100 (EN1676)
9	Nickel plated union nut	1	CW617N
10	O-Ring	1	FPM
11	Nickel plated union end	1	CW617N



Code	S84D1R6	S84E1R6	S84F1R6
D (inch)	1/2	3/4	1
DN (mm)	15	20	25
I (mm)	15.5	17	21
L (mm)	84.2	95.5	112
G (mm)	55	63.5	71.7
H (mm)	43	49.5	53.5
Kv (m3/h)	28	42	70

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

Pressure-temperature chart



Pressure drop chart