s.84 IR6

Female/Female
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

APPROVED BY OR IN COMPLIANCE WITH
- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- DIN-DVGW (Germany) – MOP 5 B 0,1*
- ARGB-KVBG (Belgium) – MOP 5 bar for outside building gas installation*

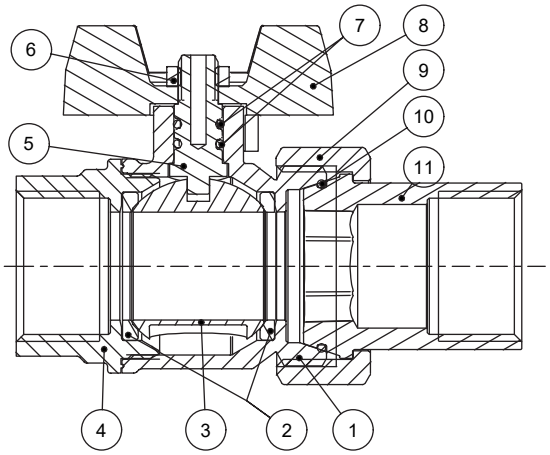
NOTE: approvals apply to specific configurations/sizes only.
* = valve only is approved to EN331 / EN1775.

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

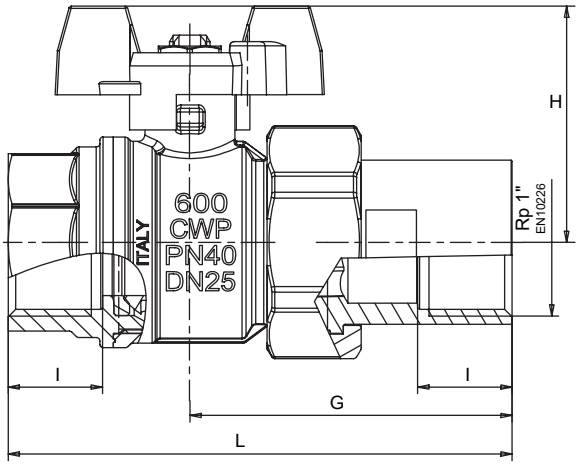
s.84 IR6 XCES84IR6 - 5813

GAS

	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	C4C (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

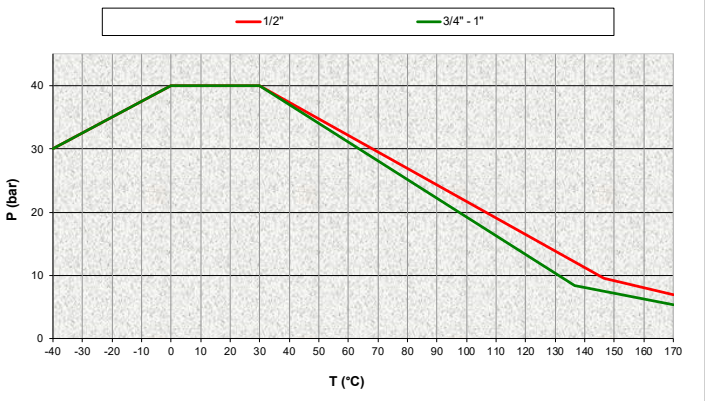


Code	S84D1R6	S84E1R6	S84F1R6
D (inch)	1/2"	3/4"	1"
DN (mm)	15	20	25
I (mm)	15.5	17	21
L (mm)	84.2	95.5	112
G (mm)	55	63.5	71.7
H (mm)	43	49.5	53.5
Kv (m3/h)	28	42	62



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

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART