

# Hipress ball valve

## Manual operated

**PN 210**

### TECHNICAL FEATURES:

**Temperature limits:** for fluids from -10°C to +80°C

**Pressure limits:** for fluids from 210 bar

### SPECIFIC FEATURES:

- The HIPRESS valve, with reduced bore, has been designed for high pressures.

**Bore:** reduced.

**Stem:** anti blow out.

**Seats:** high resistance virgin PTFE .

**Upper seal:** 3 seals

2 anti-friction self-adjusting cone shaped seals, in PTFE - high and medium pressure.

1 O-Ring - low and medium pressure.

### Application fields:

The HIPRESS series is recommended for hydraulic installations, pneumatics and industrial plants in general, high pressure.

Threaded end connections:

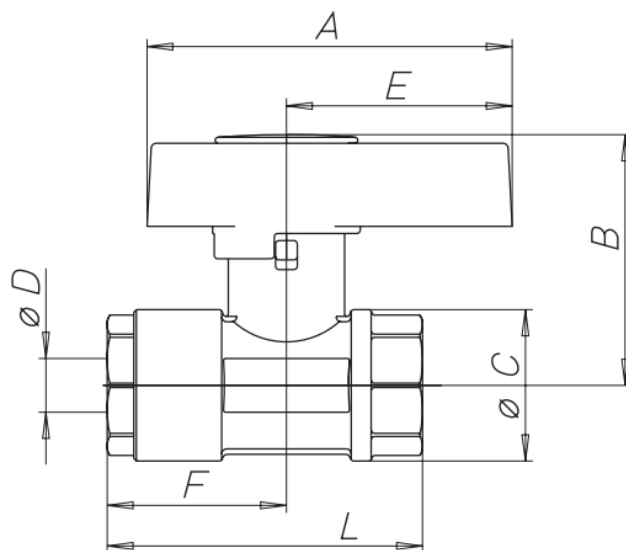
- Standard female according to UNI ISO 7/1 (UNI EN 10226).

### Operation devices:

Aluminium T-handle.

Available colours: black.

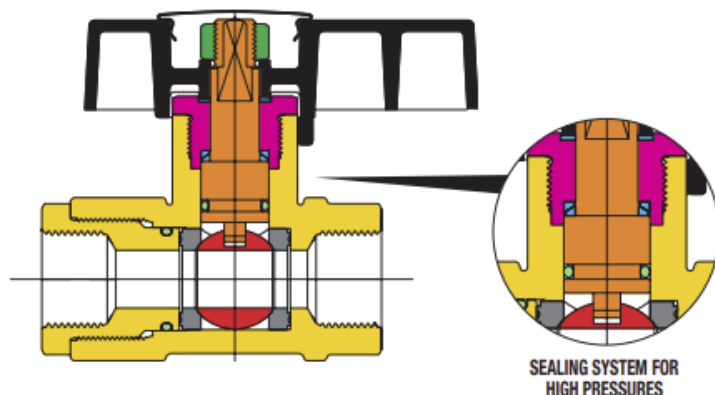
*All the valves comply with the regulation 97/23/CE and are tested 100% on pneumatic seal with electronic control.*













### DIMENSIONS

ARTICLE NUMBER	Nominal diameter	Thread	ØD mm	A mm	B mm	ØC mm	E mm	F mm	L mm	Kv
KKHIPRESS12	15	1/2	12	73	56	36	43	47	85	9,35
KKHIPRESS34	20	3/4	16	110	75	45	68	54	95	16,20

## MATERIALS:



LIST OF COMPONENTS: description/materials/treatments  
TEILELISTE: Beschreibung / Werkstoffe / Behandlungen

Body and threaded end Gehäuse und Gewindemuffe		CW617N (Pb ≤ 2,2% DIN 50930T6)
Gland Stopfbuchse		CW614N
Stem Betätigungsspindel		CW617N (Pb ≤ 2,2% DIN 50930T6)
Chromium pl. polished ball Blank verchromte Kugel		CW617N (Pb ≤ 2,2% DIN 50930T6)
Ball packing Kugeldichtungen		acetylic resin / Acetalharz (PEEK)
Stem packing Schaltwellenabdichtungen		PTFE
O-ring O-Ring Dichtung		FKM (Viton®)
T-handle operation device Flügelgriff z. Betätigung		aluminium alloy / alu-Legierung
Fixing nut Befestigungsmutter		zinc plated steel / zinkstahl
T-handle cover disk Schuttscheibe Flügelgriff		chromium pl. brass sheet / verchromtes Messingblech
Surface treatment Außenbehandlung	-	brilliant nickel-plating / glänzend vernickelte Oberfläche

## TEMPERATURE DIAGRAM:

