Art. “F” - BRASS BALL VALVE

DESCRIPTION
Ball valve with rotary pneumatic actuator.
Valve body: brass OT 58 nickel plated.
Ball: brass OT 58 heavy duty chromium plated.
Ball gasket: Virgin PTFE.

TECHNICAL FEATURES
Allowable temperatures:
For liquid: from -20°C up to +130°C (withs peaks of 150°C).
For gas: from -20°C up to +60°C.

Maximum temperatures for special uses (valve all open)
+100°C - fuel oils, mineral oils, margarine;
+90°C - seawater, drinking water (municipal water system);
+60°C - trichloroethylene, butane, methane, propane, carbon dioxide;
+40°C - inflammable alcohol, gasoline, illuminating gas, natural gas, limewater, soda water.

PRESSURE/TEMPERATURE LIMITS' DIAGRAM
For any pressure level there is the corresponding allowable temperature level.

Diagram made with the following analysis:
Inside seats and seal: hydraulic-test of recirculation water-glycol at 50%,
water hammer 1.1 PN e n°of cycles following UNI EN3828 - EN331.
Outside body and seal: hydraulic-test static 1.5 PN.
Limits of pressure: for liquids from 100 bar up to 40 bar.
for gas PN 5.

ACTUATOR PILOT PRESSURE
Double acting versions: from 3 to 8 bar.
Single acting versions: from 6 to 8 bar.
Connections with inner GAS ISO 228 thread female-female.
On request with inner NPT connections.
Control air 1/8” GAS connections.

VERSIONS AND SIZES
DA: 3/8” - 1/2” - 3/4” - 1” - 1”1/4 - 1”1/2 - 2” - 2”1/2
SANC: 3/8” - 1/2” - 3/4” - 1” - 1”1/4 - 1”1/2 - 2”
SANO: 3/8” - 1/2” - 3/4” - 1” - 1”1/4 - 1”1/2 - 2”
ANODIZING TREATMENT ON OUTSIDE DETAILS
MADE IN ALUMINIUM.
Art. “F” -

OVERALL DIMENSIONS

DOUBLE ACTING

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Art. “F” - BRASS BALL VALVE - LIGHT MODEL

**DESCRIPTION**
Ball valve with rotary actuator.
Valve body: brass.
Ball: brass heavy duty chromium plated.
Ball gasket: Virgin PTFE.

**ALLOWABLE TEMPERATURES**
Operating temperature: from -15°C to +100°C.
Max operating temperature for special uses (valve all open):
+100°C - fuel oils, mineral oils, margarine;
+ 90°C - seawater, drinking water (municipal water system);
+ 60°C - trichloroethylene, butane, methane, propane, carbon dioxide;
+ 40°C - inflammable alcohol, gasoline, illuminating gas, natural gas,
lime water, soda water.

**ACTUATOR PILOT PRESSURE**
From 3 to 8 bar.
Connections with inner GAS ISO 228 thread female-female.
On request with inner NPT connections.
Control air 1/8” GAS connections.

**VERSIONS AND SIZES**
DA: 3” - 4”

**ANODIZING TREATMENT ON OUTSIDE DETAILS**
MADE IN ALUMINIUM

**OVERALL DIMENSIONS**

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Subject to modifications without notice.
Please refer yourselves to the section of the INSTRUCTIONS, that are integral part of our Catalogue.