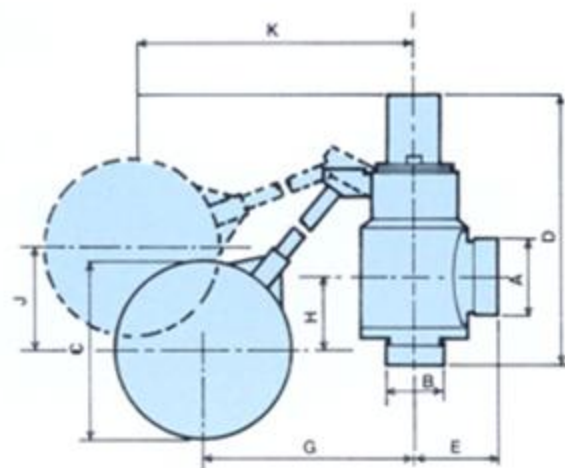


DIRECT ACTING FLOAT VALVE SERIES 7342 Stainless Steel Float

DESCRIPTION

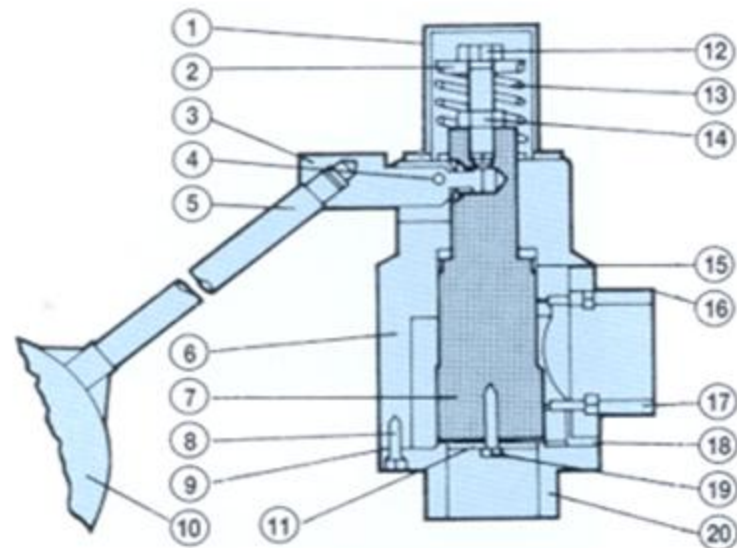
The VOSA 7342 series valve is a direct acting float actuated level control valve. The plunger and float arm has a direct mechanical linkage with a spring to assist valve opening and to reduce any water hammer that may occur from an unsteady surface. Length of the float can be altered if required. Can be used on clear or turbid fluids compatible with 316 stainless steel. Suitable as main valve or pilot on CLA-VAL valves.

| VOSA VALVES 40 mm & 50 mm | | |
|---|--------|--------|
| General dimensions. All dimensions in millimeters | | |
| VALVE SIZE | 40 mm | 50 mm |
| BODY RATINGS | 20 bar | 20 bar |
| MASS | 8.0 kg | 8.3 kg |
| A | 40BSPT | 50BSPT |
| B | 40BSPT | 50BSPT |
| C | 200 | 200 |
| D | 237 | 237 |
| E | 70 | 70 |
| G | 305 | 305 |
| H | 485 | 485 |
| J | 240 | 240 |
| K | 555 | 555 |



| | |
|-----------------|---|
| SIZES | 40mm & 50 mm |
| PRESSURE RATING | Max 2000 kPa. |
| TEMPERATURE | Water max 80 °C with nitrile seat 180 °C with viton seat |
| CONSTRUCTION | Model 7342 series – stainless steel Seat – standard nitrile removable. Other seat application Trim – integral |

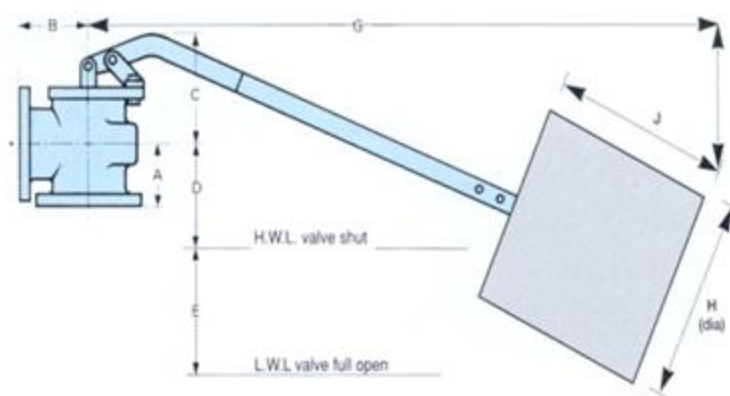
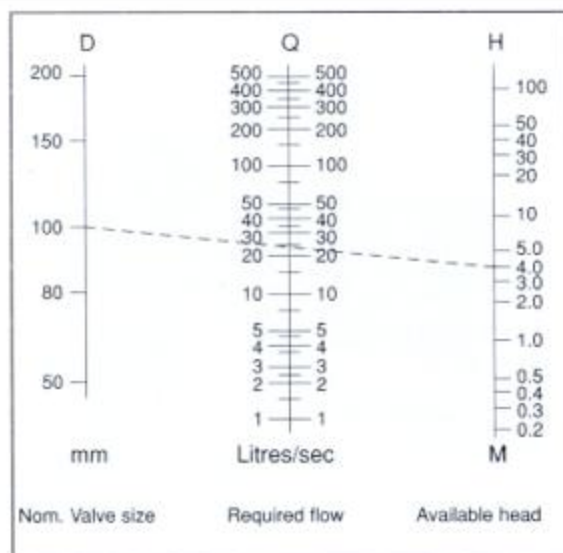
DIRECT ACTING FLOAT VALVE SERIES 7342



| No | DESCROPTION | No | DESCRIPTION |
|--------|---------------------------------|----|---------------------------|
| 01 | Cover | 12 | Stainless steel set screw |
| 02 | Spring collar | 13 | Spring (strong) |
| 03 | Pivot arm | 14 | Stainless steel nut |
| 04 | Clevis | 15 | O ring |
| 05 | Float arm | 16 | O ring |
| 06 | Valve body | 17 | Inlet |
| 07 | Piston | 18 | Resilient washer |
| 08, 09 | Stainless steel cap screws (12) | 19 | Stainless steel set screw |
| 10 | Float | 20 | Outlet |
| 11 | Stainless steel washer | | |

FLOAT VALVES pg 2 of 2

DIRECT ACTING FLOAT VALVE SERIES 7342



[Click here to zoom](#)

Basic formula $D=29,4 \sqrt{\frac{Q}{H}}$

D – valve bore in mm

H – net head in meters at inlet of valve

Q – maximum flow in liters per second

| SERIES 7354 | | | | |
|-------------|-----------------|----------|--------------|---------|
| VALVE SIZE | RATING SEAT MPa | BODY MPa | FLANGE TABLE | FIG No. |
| 50 - 200 | 1.0 | 1.6 | 10 | 7354 |

| SIZE | A | B | C | D | E | F | G | H | J | MASS |
|------|-----|-----|-----|-----|-----|-----|------|-----|-----|------|
| 50 | 105 | 89 | 130 | 140 | 255 | 300 | 1135 | 300 | 300 | 13 |
| 80 | 124 | 102 | 167 | 152 | 295 | 300 | 1350 | 350 | 350 | 22 |
| 100 | 146 | 140 | 220 | 190 | 365 | 350 | 1450 | 350 | 350 | 36 |
| 150 | 178 | 203 | 254 | 254 | 550 | 430 | 1530 | 500 | 400 | 74 |
| 200 | 184 | 241 | 340 | 210 | 610 | 430 | 1630 | 500 | 400 | 110 |

IMPORTANT: recommended maximum capacity based on 3 m/s pipe velocity