



Plate Microfine double-acting flow control valves

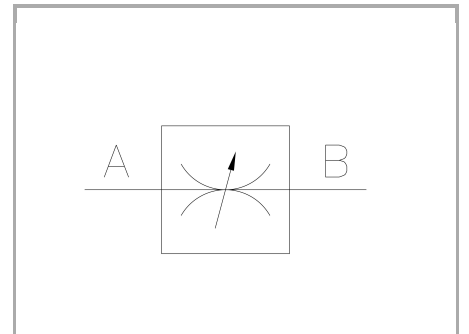
FT 281/2

Double-acting flow control valves available in sizes 1/8", 03 and 60. Max. working pressure 250 Bar, adjustable oil flow rate from 0,1 to 4 Lt./min.

Plate mounted valves

Double-acting control

Carbon steel



Technical information

Technical description

They are the most suitable solution for those applications requiring precise adjustment characteristics or for low flow rate. They are provided with plate connections mod. CETOP 03 or interchangeable with the widely used valves (kind 60). The connection O-rings are equipped in series. Max. working pressure 250 bar.

Materials

| | |
|--|--|
| CORPO BASETTA / CETOP BODY | Acciaio/Steel 11 S Mn Pb 37-UNI EN 10087 |
| CORPO CARTUCCIA / CARTRIDGE BODY | Acciaio/Steel 11 S Mn Pb 37-UNI EN 10087 |
| SPILO DI REGOLAZIONE / ADJUSTING NEEDLE | Acciaio legato/Alloy Steel |
| GUARNIZIONI / GASKETS | Di serie NBR - A richiesta FPM/Standard NBR-on demand FPM |
| ANELLI ANTIESTRUSIONE / ANTIEXTRUSION RINGS | PTFE |
| MANOPOLA TIPO MA / KNOB TYPE MA | Alluminio/Aluminum GD AlSi12- UNI EN AB 46100 |
| MANOPOLA TIPO MP / KNOB TYPE MP | ABS |

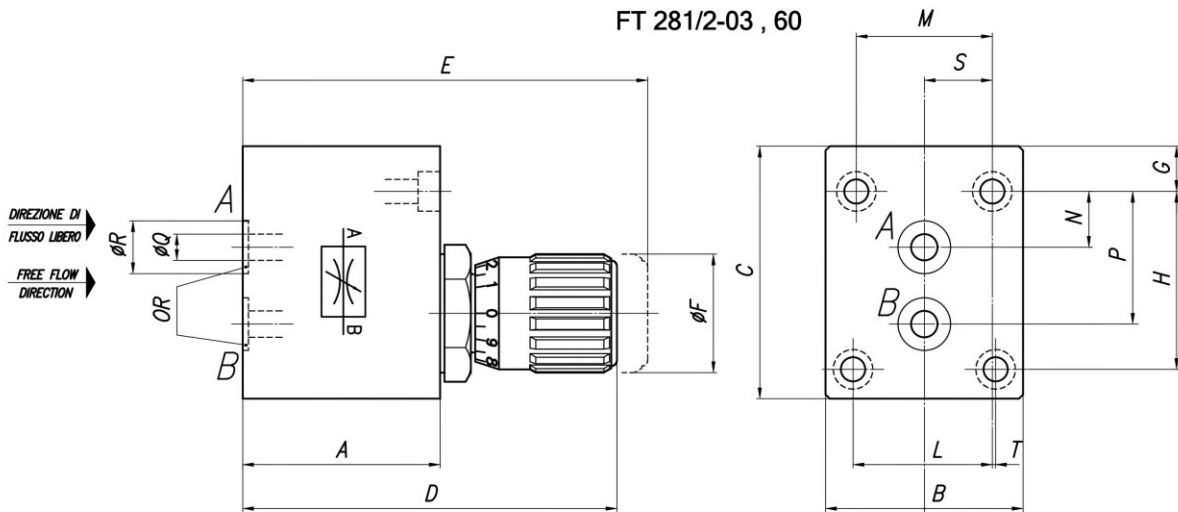
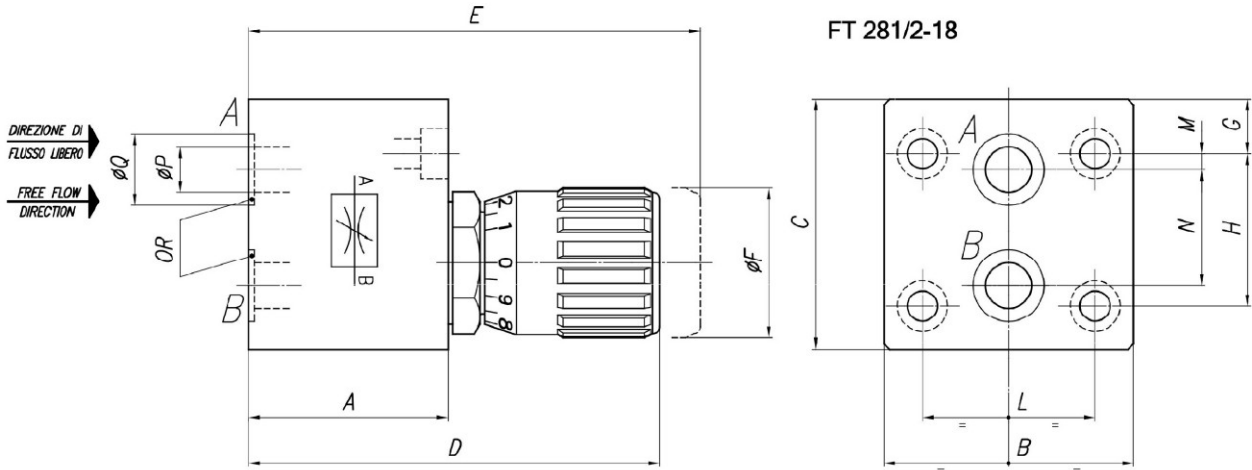


Technical data

| TIPO / TYPE | PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR | TEMPERATURA ESERCIZIO / WORKING TEMPERATURE | GRADO DI FILTRAZIONE μm / FILTRATION GRADE μm |
|-------------|---|--|--|
| 03 | 250 | -20°C/+100°C | 25 |
| 60 | 250 | -20°C/+100°C | 25 |
| 18 | 250 | -20°C/+100°C | 25 |

Dimensional tables and drawings

| FT 281/2-18 | | | | | | | | | | |
|------------------|------|------|-----------------|-----------------|-----------------|-----------------|---------------|---------------------|---------------------|----|
| TIPO / TYPE | A | B | C | D | E | $\varnothing F$ | G | H | | |
| 18 | 32 | 42 | 35 | 66 | 74 | 22 | 8 | 19 | | |
| TIPO / TYPE | L | M | N | P | $\varnothing Q$ | OR | VITI / SCREWS | PESO / WEIGHT KG | | |
| 18 | 29 | 2 | 16 | 4 | 10 | 2025 | M6x40 | 0,358 | | |
| FT 281/2-03 , 60 | | | | | | | | | | |
| TIPO / TYPE | A | B | C | D | E | $\varnothing F$ | G | H | L | M |
| 03 | 32 | 45 | 52 | 66 | 74 | 22 | 5,75 | 40,5 | 31,75 | 31 |
| 60 | 32 | 45 | 52 | 66 | 74 | 22 | 5,75 | 40,5 | 31,75 | 31 |
| TIPO / TYPE | N | P | $\varnothing Q$ | $\varnothing R$ | S | T | OR | VITI / SCREWS | PESO / WEIGHT KG | |
| 03 | 12,7 | 30,2 | 5 | 12 | 15,5 | 0,75 | 108 | M5x40 | 0,592 | |
| 60 | 10 | 33 | 5 | 17,2 | 15,5 | 0,75 | 2056 | M5x40 | 0,583 | |





Flow rate curves

