



Microfine cartridge double-acting flow control valves

FT 247/2

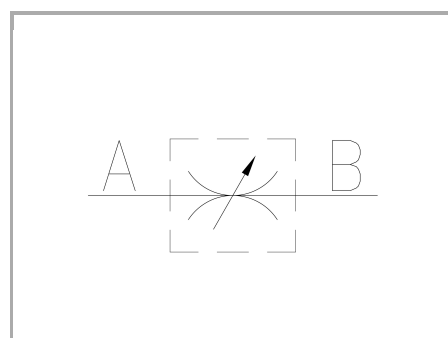
Double-acting flow control valves available only in 1/8" size. Max. working pressure 320 Bar, adjustable oil flow rate from 0,05 to 2,5 Lt./min. - METRIC THREADS

Double-acting control

Microfine regulation

METRIC threads

Carbon steel



Technical information

Technical description

Appreciated for their little sizes, suitable for their placing in control blocks. They have maintained the other characteristics of the series FT 257; they ensure: • efficient metallic sealing • mechanical secure against accidental needle withdrawal.

Materials

| | |
|---|---|
| CORPO / BODY | Acciaio/Steel 11 S Mn Pb 37-UNI EN 10087 |
| SPILO DI REGOLAZIONE / ADJUSTING NEEDLE | Acciaio AISI 303 / Alloy AISI 303 |
| 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 AISI12- UNI EN AB 46100 |
| MANOPOLA TIPO MP / KNOB TYPE MP | ABS |

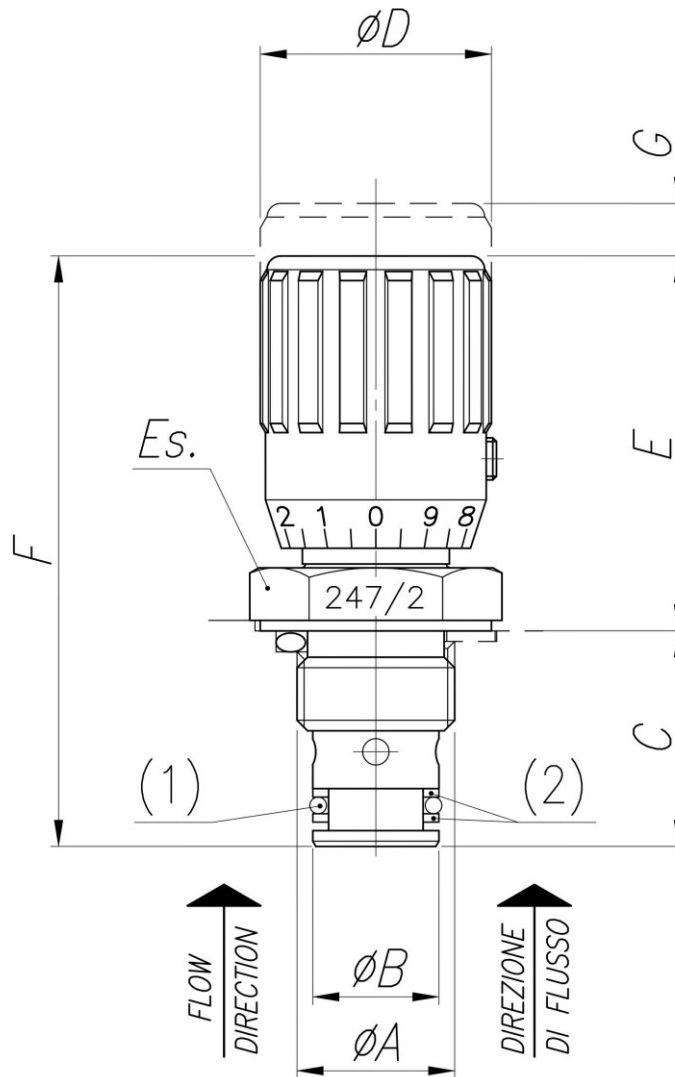
Technical data

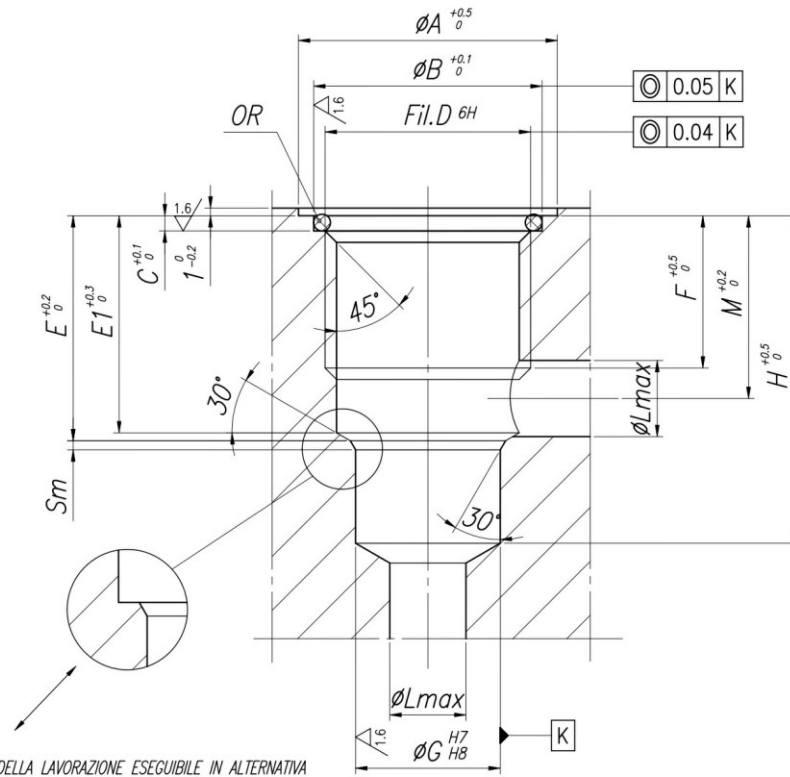
| TIPO / TYPE | PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR | MIN. PRESSIONE SCOPPIO BAR / MIN. BURSTING PRESSURE BAR | TEMPERATURA ESERCIZIO / WORKING TEMPERATURE | GRADO DI FILTRAZIONE μm / FILTRATION GRADE μm |
|-------------|--|---|---|---|
| 18 | 320 | 1300 | -20°C/+100°C | 25 |



Dimensional tables and drawings

| TIPO / TYPE | A UNI 4534 | $\varnothing B$ | C | $\varnothing D$ | E | F | G | Es. | PESO / WEIGHT KG |
|-------------|---------------|-----------------|------|-----------------|------|----|---|-----|---------------------|
| 18 | M15x1 | 12 | 20,5 | 22 | 34,5 | 55 | 8 | 22 | 0,069 |





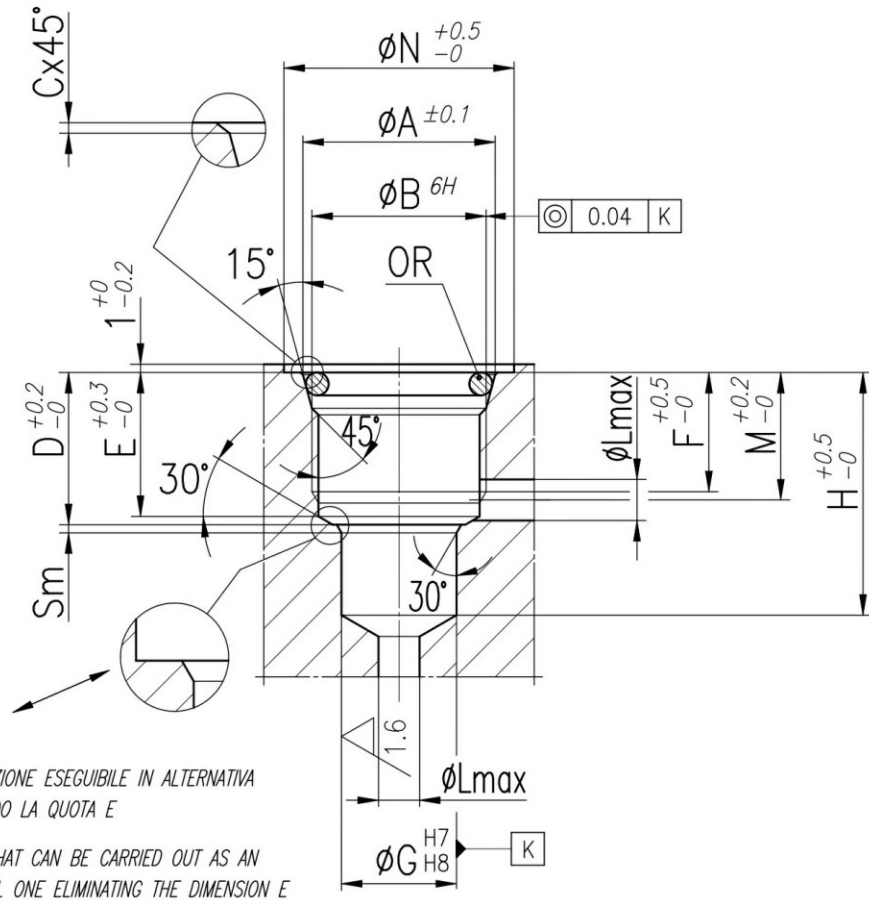
-PARTICOLARE DELLA LAVORAZIONE ESEGUIBILE IN ALTERNATIVA A QUELLA CONICA ELIMINANDO LA QUOTA E1

-DETAIL OF THE MACHINING THAT CAN BE CARRIED OUT AS AN ALTERNATIVE TO THE CONICAL ONE ELIMINATING THE DIMENSION E1

TENUTA REALIZZATA CON GUARNIZIONI OR SU SEDE PIANA

SEALING DONE WITH OR GASKETS ON FLAT SEATING

| | ϕA | ϕB | C | D UNI 4534 | E | E1 | F | ϕG | H | ϕL | M | Sm | OR |
|----|----------|----------|---|---------------|----|----|----|----------|------|----------|------|-----|------|
| 18 | 23 | 19 | 2 | M15x1 | 14 | 13 | 11 | 12 | 21.5 | 4 | 11.5 | 0.5 | 3056 |



-PARTICOLARE DELLA LAVORAZIONE ESEGUIBILE IN ALTERNATIVA A QUELLA CONICA ELIMINANDO LA QUOTA E
 -DETAIL OF THE MACHINING THAT CAN BE CARRIED OUT AS AN ALTERNATIVE TO THE CONICAL ONE ELIMINATING THE DIMENSION E

TENUTA REALIZZATA CON GUARNIZIONI OR SU SEDE CONICA
 SEALING DONE WITH OR GASKETS ON CONICAL SEATING

| | ϕA | ϕB UNI 4534 | C | D | E | F | ϕG | H | ϕL | M | ϕN | Sm | OR |
|----|----------|----------------------|------|----|----|----|----------|------|----------|------|----------|-----|------|
| 18 | 16.5 | M15x1 | 0.25 | 14 | 13 | 11 | 12 | 21.5 | 4 | 11.5 | 23 | 0.5 | 2050 |



Flow rate curves

