



## Cartridge double-acting flow control valves PARALLEL BSPP THREADS

### FT 264/2

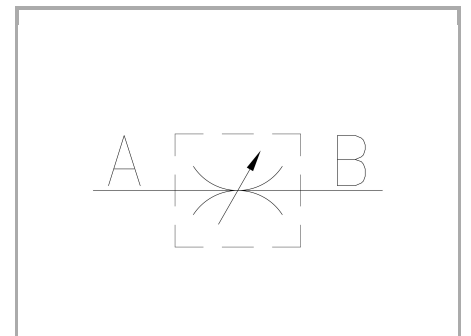
Double-acting flow control valves available from 1/8" to 3/4" size - BSPP THREADS. Max. working pressure 320 Bar, adjustable oil flow rate from 0,2 to 90 Lt./min. (depending on the size)

**Double-acting control**

**No pressure compensated flow control**

**BSPP threads**

**Carbon steel**



## Technical information

### Technical description

They allow for regulation of flow in both directions.

### Materials

|   |   |
|---|---|
| CORPO VALVOLA / BODY VALVE                  | Acciaio/Steel 11 S Mn Pb 37-UNI EN 10087                  |
| SPILLO 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 - RA / KNOB TYPE MA - RA   | Alluminio/Aluminum GD AlSi12- UNI EN AB 46100             |
| MANOPOLA TIPO MP / KNOB TYPE MP             | ABS   |

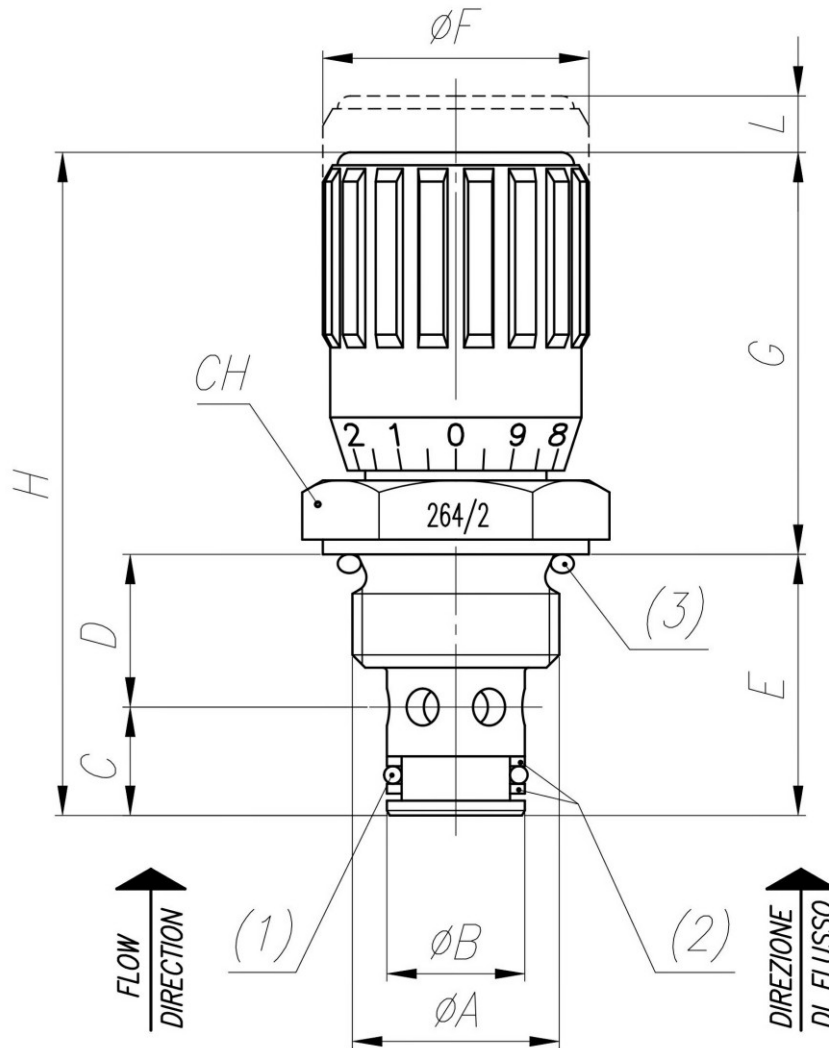
### Technical data

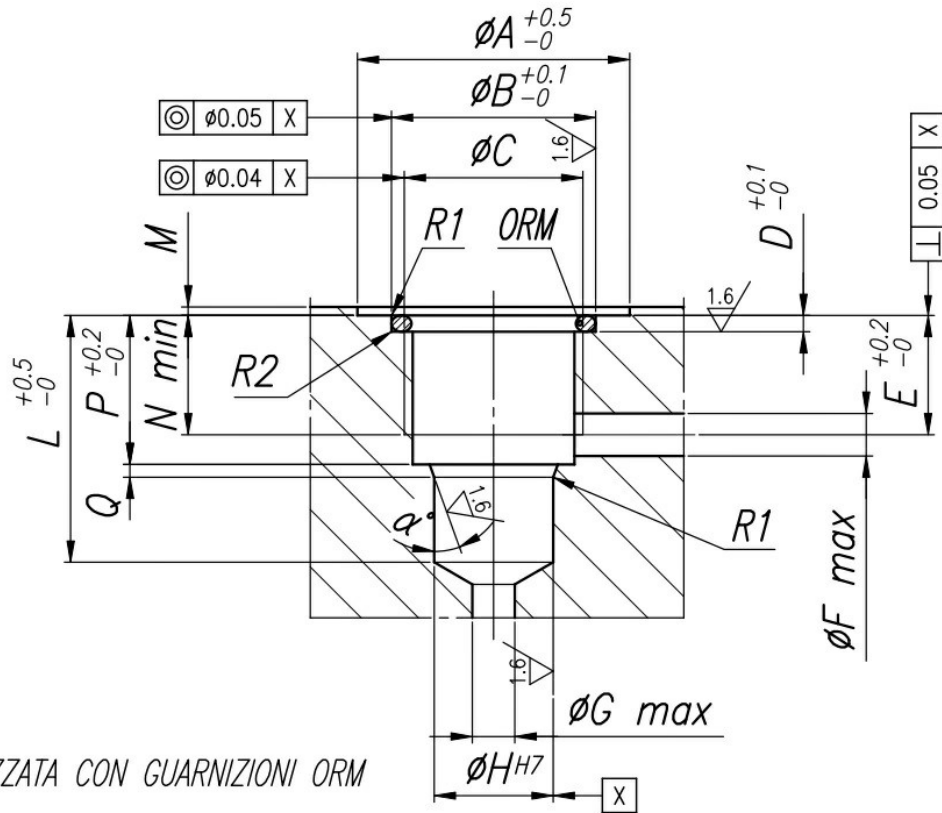
| TIPO / TYPE | PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR | MIN. PRESSIONE SCOPPIO BAR / MIN. BURSTING PRESSURE BAR | TEMPERATURA ESERCIZIO / WORKING TEMPERATURE | GRADO DI FILTRAZIONE µm / FILTRATION GRADE µm |
|-------------|--|---|---|---|
| 18          | 320  | 1300  | -20°C/+100°C                                | 25  |
| 14          | 320  | 1300  | -20°C/+100°C                                | 25  |
| 38          | 320  | 1300  | -20°C/+100°C                                | 25  |
| 12          | 320  | 1300  | -20°C/+100°C                                | 25  |
| 34          | 320  | 1300  | -20°C/+100°C                                | 25  |



## Dimensional tables and drawings

| TIPO / TYPE | ØA     | ØB | C  | D  | E  | ØF | G    | H     | L   | CH | (3)         | PESO / WEIGHT<br>KG |
|-------------|--------|----|----|----|----|----|------|-------|-----|----|-------------|---------------------|
| 18          | 1/2" G | 14 | 13 | 14 | 27 | 22 | 36,8 | 63,3  | 5,6 | 27 | ORM 0180-25 | 0,106               |
| 14          | 1/2" G | 14 | 11 | 16 | 27 | 27 | 40,8 | 67,3  | 4,9 | 27 | ORM 0180-25 | 0,124               |
| 38          | 1/2" G | 16 | 13 | 18 | 31 | 33 | 47   | 77,5  | 8,3 | 27 | ORM 0180-25 | 0,179               |
| 12          | 3/4" G | 19 | 16 | 25 | 40 | 38 | 54,6 | 94,6  | 9,9 | 32 | ORM 0250-25 | 0,303               |
| 34          | 1" G   | 27 | 18 | 26 | 44 | 47 | 64,6 | 108,6 | 12  | 41 | ORM 0300-25 | 0,567               |





TENUTA REALIZZATA CON GUARNIZIONI ORM

SEALING DONE WITH ORM GASKETS

|    | ORM     | φA | φB | φC       | D   | E    | φF | φG | φH | L  | M | N  | P    | Q   | R1  | R2   | α°  |
|----|---------|----|----|----------|-----|------|----|----|----|----|---|----|------|-----|-----|------|-----|
| 34 | 0300-30 | 47 | 36 | 1" Gas   | 2.4 | 24.5 | 12 | 12 | 27 | 46 | 1 | 21 | 30   | 1.5 | 0.1 | 0.75 | 70° |
| 12 | 0250-25 | 37 | 30 | 3/4" Gas | 1.9 | 24   | 10 | 10 | 19 | 42 | 1 | 21 | 29   | 1.5 | 0.1 | 0.75 | 70° |
| 38 | 0180-25 | 32 | 24 | 1/2" Gas | 1.9 | 16.5 | 8  | 8  | 16 | 33 | 1 | 14 | 20.5 | 1.5 | 0.1 | 0.75 | 70° |
| 14 | 0180-25 | 32 | 24 | 1/2" Gas | 1.9 | 14   | 5  | 5  | 14 | 29 | 1 | 14 | 17.5 | 1.5 | 0.1 | 0.75 | 70° |
| 18 | 0180-25 | 32 | 24 | 1/2" Gas | 1.9 | 14   | 5  | 5  | 14 | 29 | 1 | 14 | 17.5 | 1.5 | 0.1 | 0.75 | 70° |



## Flow rate curves

