

Single-acting flow/braking control valves

FT 2243/5

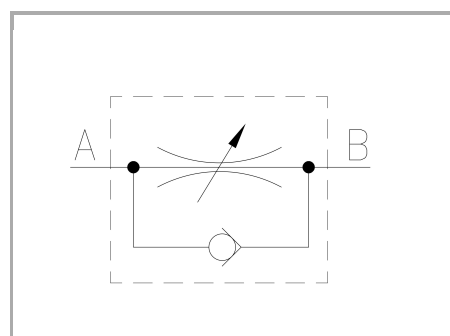
Single-acting flow control valves available from 1/4" to 3/4" size - METRIC THREADS. Max. working pressure 300 Bar, adjustable oil flow rate from 0,2 to 80 Lt./min. (depending on the size)

Single-acting control

No pressure compensated flow control

METRIC threads

Stainless Steel AISI 316



Technical information

Technical description

They are composed of a needle throttling, inside which there is a ball single-acting valve. They can be used in the assembling in manifolds and integrated blocks and are also used as cylinder braking valves. Recommended filtration: 60 micron or inferior. Max. working pressure: 300 bar

Materials

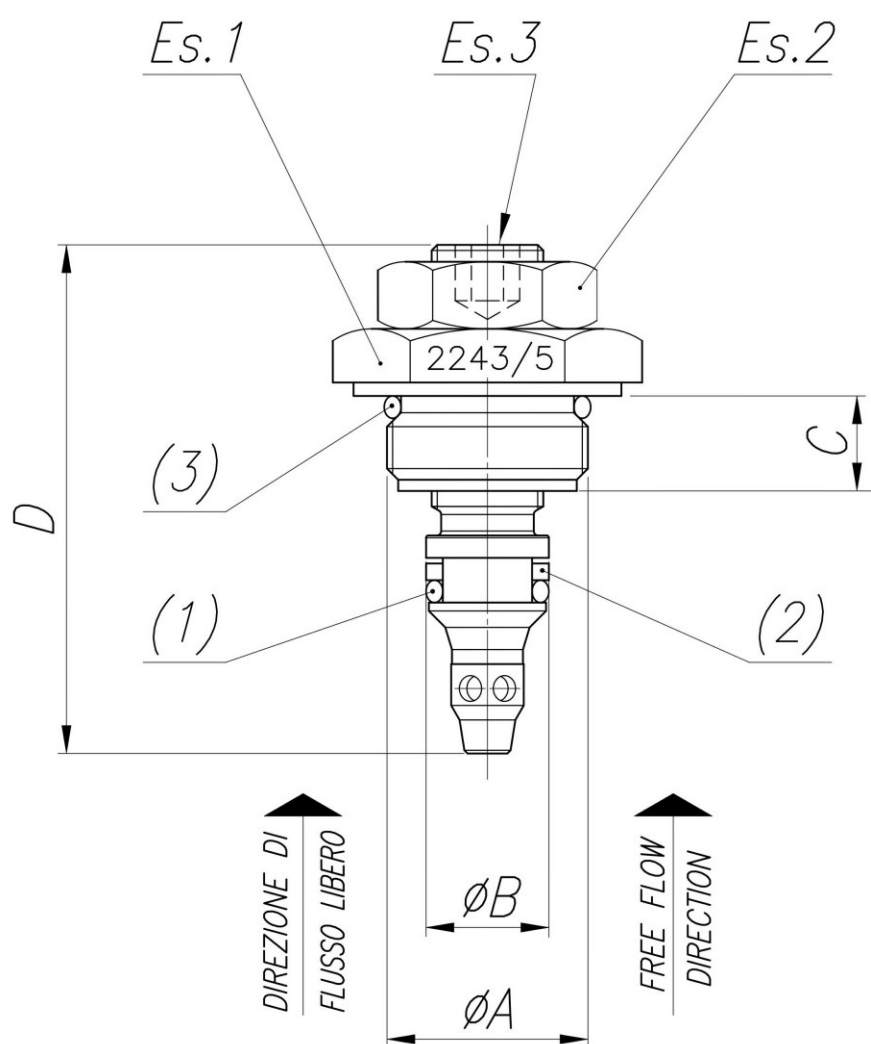
CORPO / BODY	Acciaio INOX /Stainless Steel AISI 316
SPILLO DI REGOLAZIONE / ADJUSTING NEEDLE	Acciaio INOX /Stainless Steel AISI 630
GUARNIZIONI / GASKETS	FPM
DADO / NUT	Acciaio INOX /Stainless Steel AISI 316
ANELLI ANTIESTRUSIONE / ANTI-EXTRUSION RINGS	PTFE

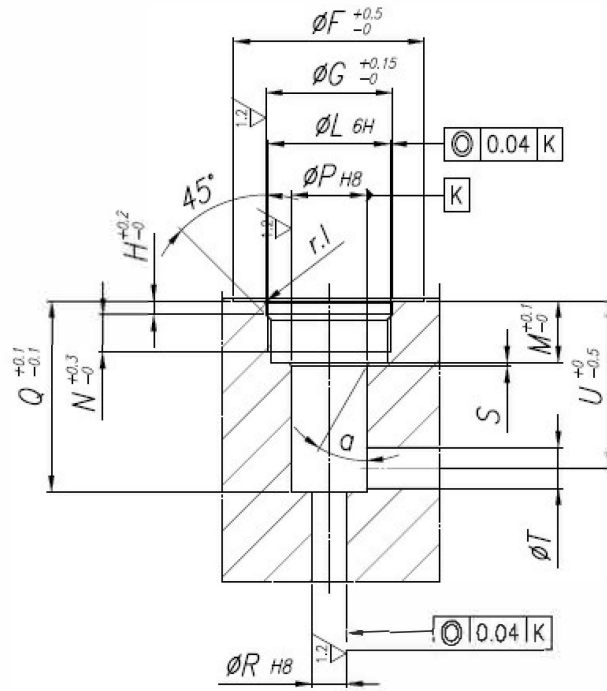
Technical data

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
14	300	1300	-20°C/+130°C	25
38	300	1300	-20°C/+130°C	25
12	300	1300	-20°C/+130°C	25
34	300	1300	-20°C/+130°C	25

Dimensional tables and drawings

TIPO / TYPE	ØA	ØB	C	D	Es. 1	Es. 2	Es. 3	(1) OR	(2) BK	(3) OR	PESO / WEIGHT KG
14	M17x1	10	8,5	44,5	22	17	4	106	106	2056	0,046
38	M18x1	11	8,5	45,5	24	17	5	2031	2031	2062	0,055
12	M22x1,5	14	13,5	66,5	27	19	7	2043	2043	2075	0,107
34	M27x1,5	18	18	82	32	22	9	2056	2056	3093	0,189





	ϕF	ϕG	H	ϕL	M	N	ϕP	Q	ϕR	S	ϕT	U	$r.1$	a
14	26	17.5	2	M17x1	9	5.5	10	28	4	0.6	4.5	25	0.3	30°
38	28	18.5	2	M18x1	9	5	11	28	5	0.6	6	24.5	0.3	30°
12	33	22.5	2.5	M22x1.5	15	10	14	40.5	8	1	8	36	0.3	20°
34	35	28	3.5	M27x1.5	21	15	18	54.5	10	1.5	10	48.5	0.5	20°