



METRIC Thread cartridge single-acting flow control valves

FT 267/5

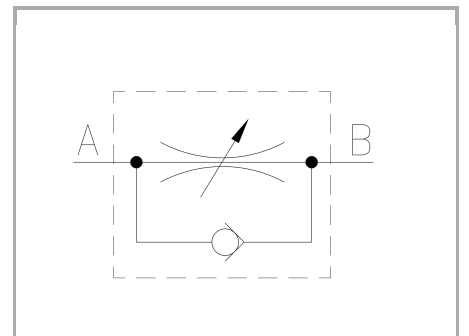
Single-acting flow control valves available from 1/4" to 1" size - METRIC THREADS. Max. working pressure 320 Bar, adjustable oil flow rate from 0,8 to 200 Lt./min. (depending on the size)

Single-acting control

No pressure compensated flow control

METRIC threads

Carbon steel



Technical information

Technical description

They control and, in case, shut-off the flow in one direction and allow the full free flow in the opposite direction. • Check valve calibrated at 0,35 bar

Materials

CORPO / 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
VALVOLA DI RITEGNO / CHECK VALVE	Acciaio/Steel 39 Ni Cr Mo 3-UNI EN 10083
MOLLA / SPRING	Acciaio/Steel C 85-UNI EN 10089
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

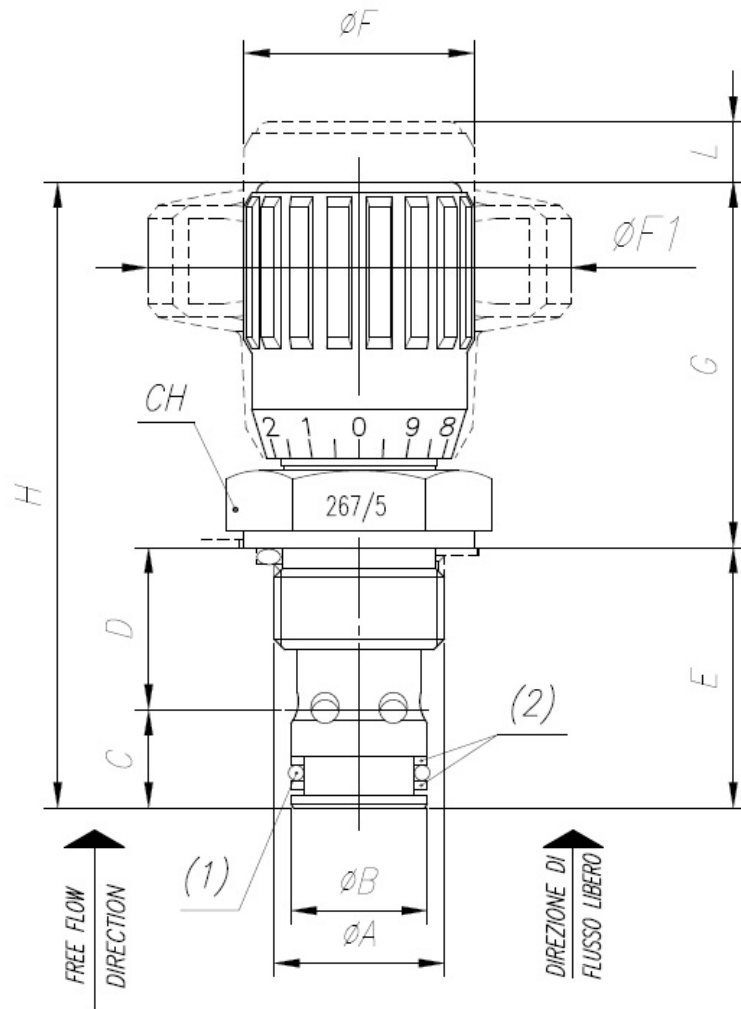


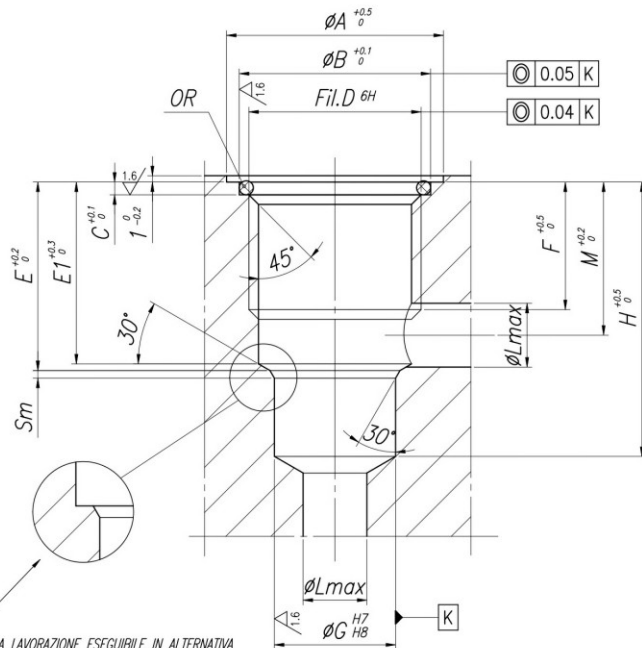
Technical data

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
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
100	320	1300	-20°C/+100°C	25

Dimensional tables and drawings

TIPO / TYPE	ϕA UNI 4534	ϕB	C	D	E	ϕF	$\phi F1$	G	H	L	CH	PESO / WEIGHT KG
14	M20x1,5	16	11,5	19	30,5	27	50	43	73,5	4	27	0,130
38	M27x2	19	14	26	40	33	49	52,5	92,5	6	32	0,250
12	M33x2	27	17	27,5	44,5	38	60	60	104,5	7	41	0,340
34	M42x2	35	19,5	33	52,5	47	70	69,5	122	8	50	0,620
100	M52x2	45	22,5	42	64,5	58	120	85	149,5	12	60	1,632



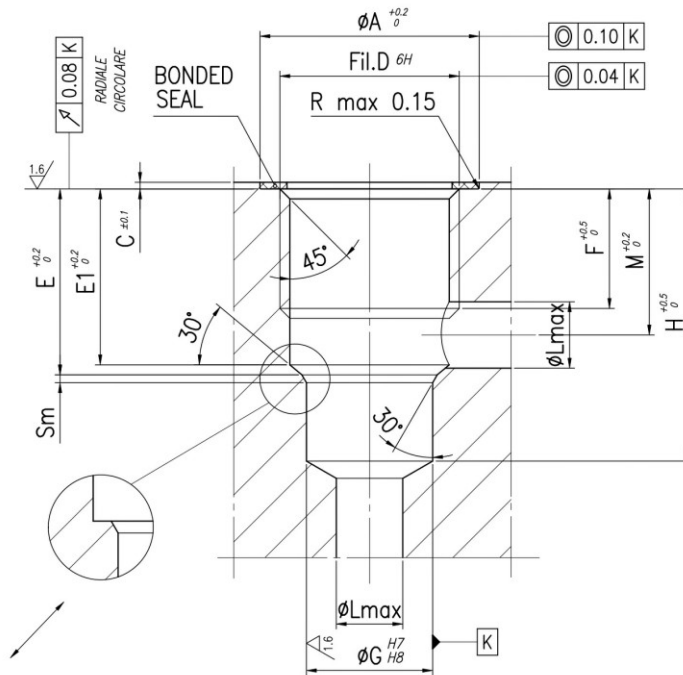


-PARTICOLARE DELLA LAVORAZIONE ESEGUIBILE IN ALTERNATIVA
A QUELLA CONICA ELIMINANDO LA QUOTA E1

-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 <small>UNI 4534</small>	E	E1	F	ϕG	H	ϕL	M	Sm	OR
14	28	24	2	M20x1.5	21	20.5	13.5	16	33.5	8	16.2	1	3075
38	34	30	2	M27x2	30	28.5	20	19	43	10	24	1.2	3100
12	43	36	2	M33x2	32.5	32	20	27	47.5	12	25.5	1.2	3125
34	60	45	2	M42x2	38.5	37	23.5	35	57	16	30.5	1.5	3162
100	61	55	2.2	M52x2	46	45	27	45	67.5	20	34.5	1.5	3200

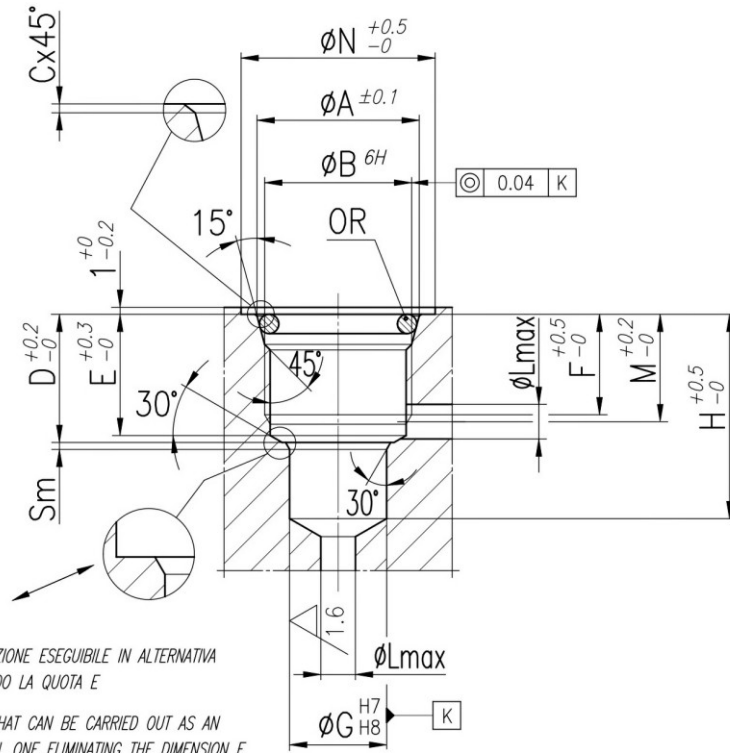


-PARTICOLARE DELLA LAVORAZIONE ESEGUIBILE IN ALTERNATIVA
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TENUTA REALIZZATA CON BONDED SEAL
SEALING DONE WITH BONDED SEALS

	ϕA	C	D <small>UNI 4534</small>	E	E1	F	ϕG	H	ϕL	M	Sm	BONDED SEAL
14	27	1	M20x1.5	20	19.5	12	16	32	8	15.2	1	400-513
38	33	1.3	M27x2	28	26.5	18	19	41	10	22	1.2	400-520
12	40	1.3	M33x2	30.5	30	18	27	45.5	12	23	1.2	400-515
34	50	1.3	M42x2	36.5	35	21.5	35	55	16	28.5	1.5	400-516



-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 <small>UNI 4534</small>	C	D	E	F	φG	H	φL	M	φN	Sm	OR
14	22.3	M20x1.5	0.25	21	20.5	13.5	16	33.5	8	16.2	28	1.2	3068
38	29.1	M27x2	0.3	30	28.5	20	19	43	10	24	34	1.2	132
12	36	M33x2	0.3	32.5	32	20	27	47.5	13	25	43	1.2	4112
34	45	M42x2	0.3	38.5	37	23.5	35	57	16	29	60	1.5	4150
100	55	M52x2	0.3	46	45	27	45	67.5	20	34.5	61	1.5	4187



Flow rate curves

