



METRIC Threads Microfine cartridge pressure compensated flow control valves

FT 297/2

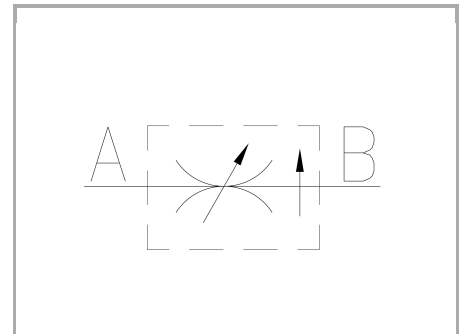
Microfine compensated flow control valves available from 1/4" size - METRIC THREADS
Max. working Pressure 320 Bar, adjustable oil flow rate from 0,2 to 2,5 Lt./min.

Double-acting control

Pressure compensated flow control

METRIC threads

Carbon steel



Technical information

Technical description

Pressure compensated flow control valves, to insert in modular units in line. They are essentially composed of a central body which may be screwed in units preset by the user. The construction and functional characteristics reflect exactly those of valves series FT 287. It is recommended to keep them in their protective wrapping until the mounting, in order to avoid possible drawbacks caused by eventual entry of particles into the delicate and essential parts for a good working.

Materials

CORPO BASE / BASE BODY	Acciaio/Steel 11 S Mn Pb 37-UNI EN 10087
GRUPPO DI COMPENSAZIONE / COMPENSATING UNIT	Acciaio/Steel 39 Ni Cr Mo 3-UNI EN 10083
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

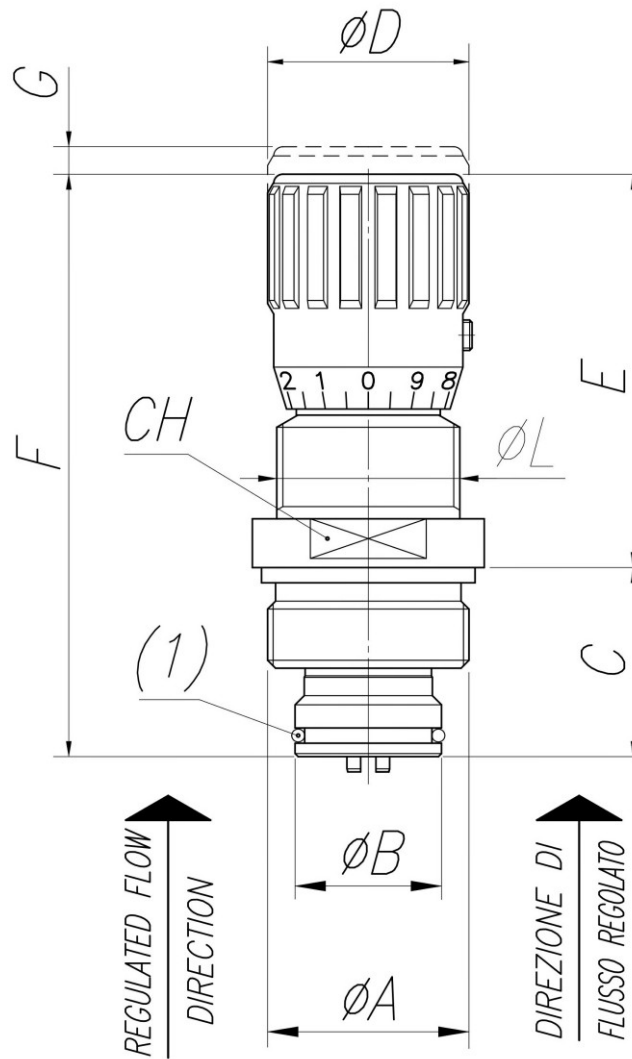
Technical data

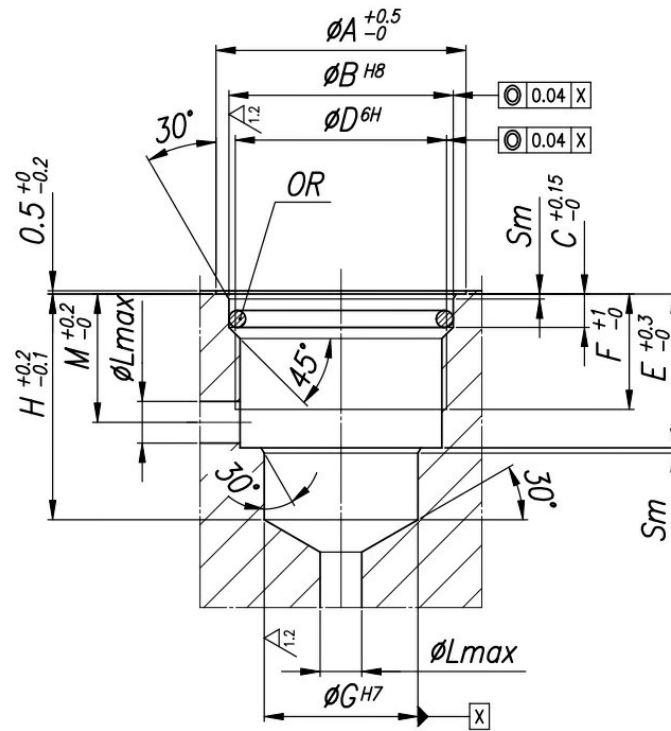
TIPO / TYPE	PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR	MIN. ΔP DI FUNZIONAMENTO BAR / MIN. WORKING ΔP BAR	TEMPERATURA ESERCIZIO / WORKING TEMPERATURE	GRADO DI FILTRAZIONE μm / FILTRATION GRADE μm
14	320	7,5	-20°C/+70°C	25



Dimensional tables and drawings

TIPO / TYPE	ϕA UNI 4534	ϕB	C	ϕD	E	F	G	ϕL	CH	(1) OR	PESO / WEIGHT KG
14	M33x1,5	24	31	33	64,5	95,5	4,5	M30x1,5	32	2081	0,35





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

	ϕA <small>UNI 4535</small>	ϕB	C	ϕD	E	F	ϕG	H	ϕL	M	Sm	OR
14	39	35	5.2	M33x1.5	24	18	24	35.2	6.5	20	0.8	3118
38	44	40.5	5.2	M39x1.5	27.5	19	30	40	9	22.5	0.8	3143
12	53	49	6.5	M48x2	33.5	23.5	35	49	11	27.5	0.8	3175
34	63	58	7	M55x2	40	27	40	57	13.5	32.5	1	155



Flow rate curves

