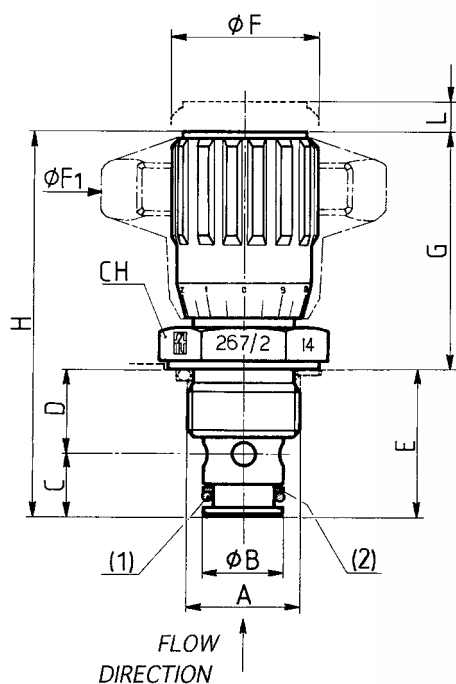




DIMENSIONS

TYPE	A	ØB	C	D	E	ØF	ØF1	G	H	L	CH	WEIGHT KG
18	M15x1	12	9,3	11,2	20,5	22	40	35	55,5	5	22	0,064
14	M20x1,5	14	11	15,5	26,5	27	50	42,5	68,5	7	27	0,125
38	M20x1,5	16	13	17,5	30,5	33	70	48,5	78,5	9	27	0,180
12	M27x2	19	15,5	24,5	40	38	80	56	96	10,5	32	0,305
34	M33x2	27	18	26	44	47	100	63,5	109	13	41	0,580
100	M42x2	35	22	30,5	52,5	58	120	82	134,5	20	50	1,185

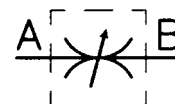
MATERIALS

BODY	11 S MN PB 30 - UNI EN 10087
NEEDLE	1 C 40 - UNI 8373
OR	NITRILE
ANTIEXTRUSION RING	PTFE
KNOB	GD AL SI 12 - UNI EN AB 46100
KNOB (MP)	ABS

EXAMPLE FOR ORDERING

	CODE	TYPE	VITON SEAL	PLASTIC KNOB
STEEL	FT 267/2	38	V	MP
STAINLESS STEEL	FT 2267/2	12	-	MP





THREADED CARTRIDGE MOUNTED DOUBLE-ACTING CONTROL VALVES

They allow for regulation of flow in both directions.

On request

- Version AISI 316 Code FT 2267/2
- Complete with Viton seals (V)
- Knob in ABS (mp)
- Lobes aluminium die-cast handwheel (RA)



FT 267/2

TECHNICAL DATA

TIPO	TYPE FLOW SECTION CM ²	MAX. WORKING PRESSURE BAR	MIN. BURSTING PRESSURE BAR	WORKING TEMPERATURE °C	FILTRATION GRADE µM ABSOLUTE
18	0,12	320	1300	-20°/+100°	25
14	0,19	320	1300	-20°/+100°	25
38	0,39	320	1300	-20°/+100°	25
12	0,68	320	1300	-20°/+100°	25
34	1,13	320	1300	-20°/+100°	25
100	2,09	320	1300	-20°/+100°	25

SEAL KIT ON THE NEEDLE

TYPE	OR	BK
18	2018	2018
14	2021	2021
38	108	108
12	2043	2043
34	115	115
100	123	123

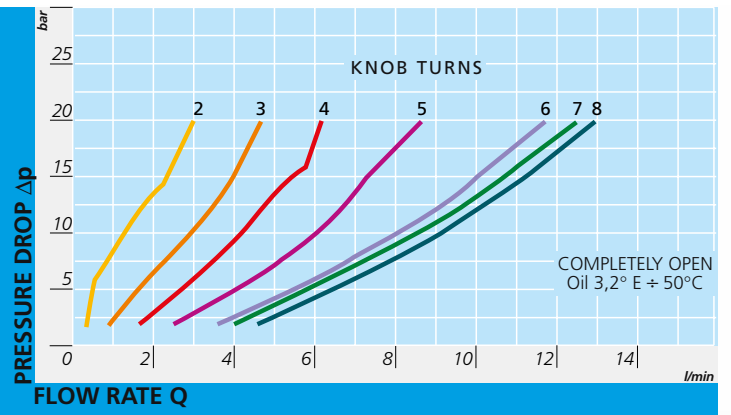
SEAL KIT ON THE SEATING

TYPE	1 (OR)	2 (BK)
18	108	267/2-022.00.1-18
14	2043	267/2-022.00.1-14
38	2050	267/2-022.00.1-38
12	2062	267/2-022.00.1-12
34	130	267/2-022.00.1-34
100	3118	267/5-022.00.1-34

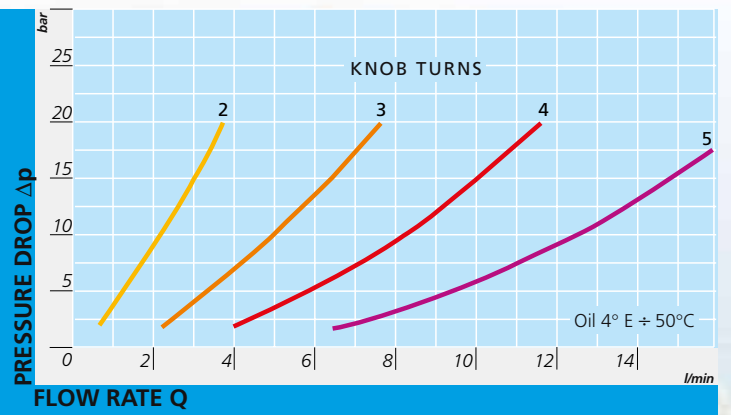


FT 267/2

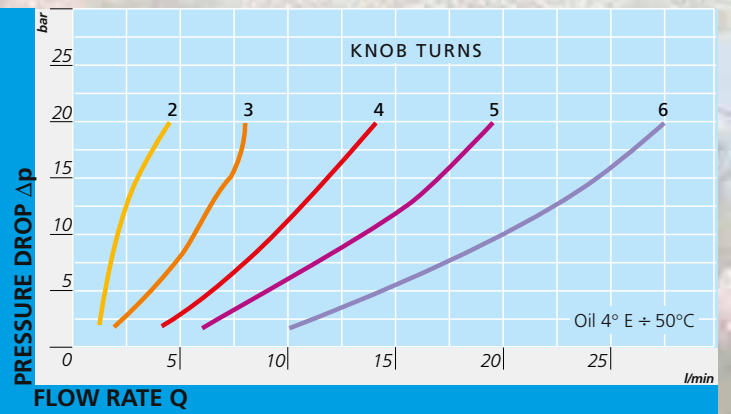
FT 267/2 - 18



FT 267/2 - 14



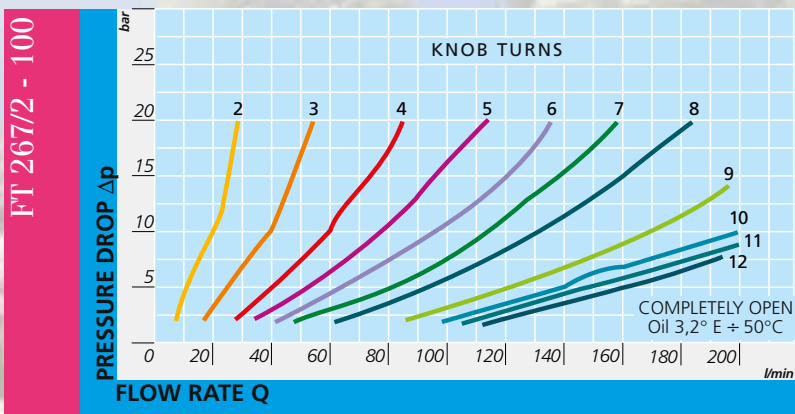
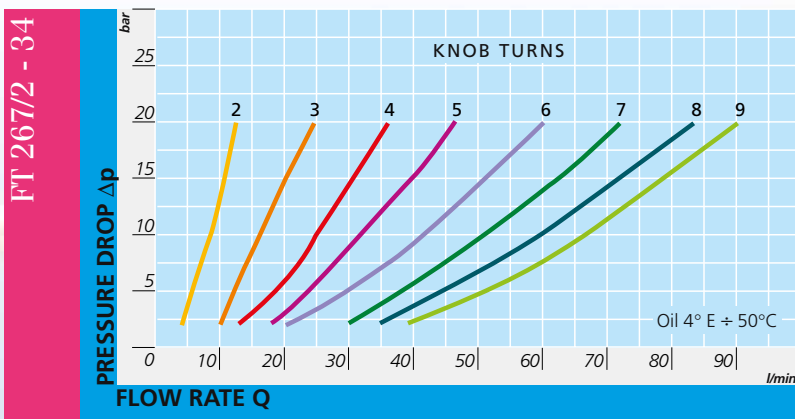
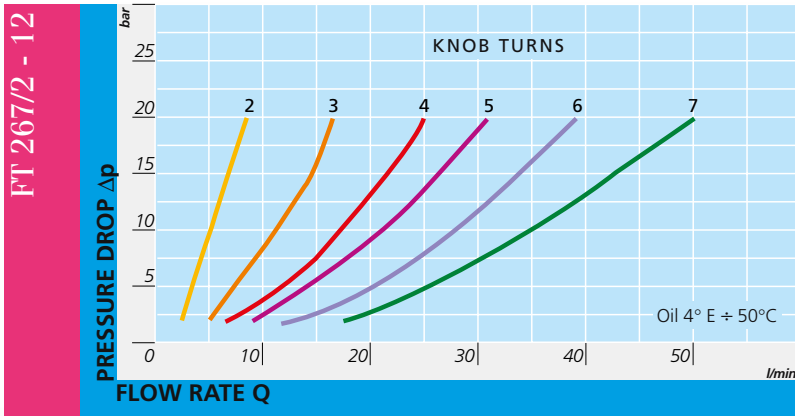
FT 267/2 - 38



FLOW RATE CURVES



FT 267/2



[illegible]

76

SEATING MACHINING DRAWINGS FOR THREADED CARTRIDGE MOUNTED VALVES



FT 247/2 - FT 267/2 - FT 267/5

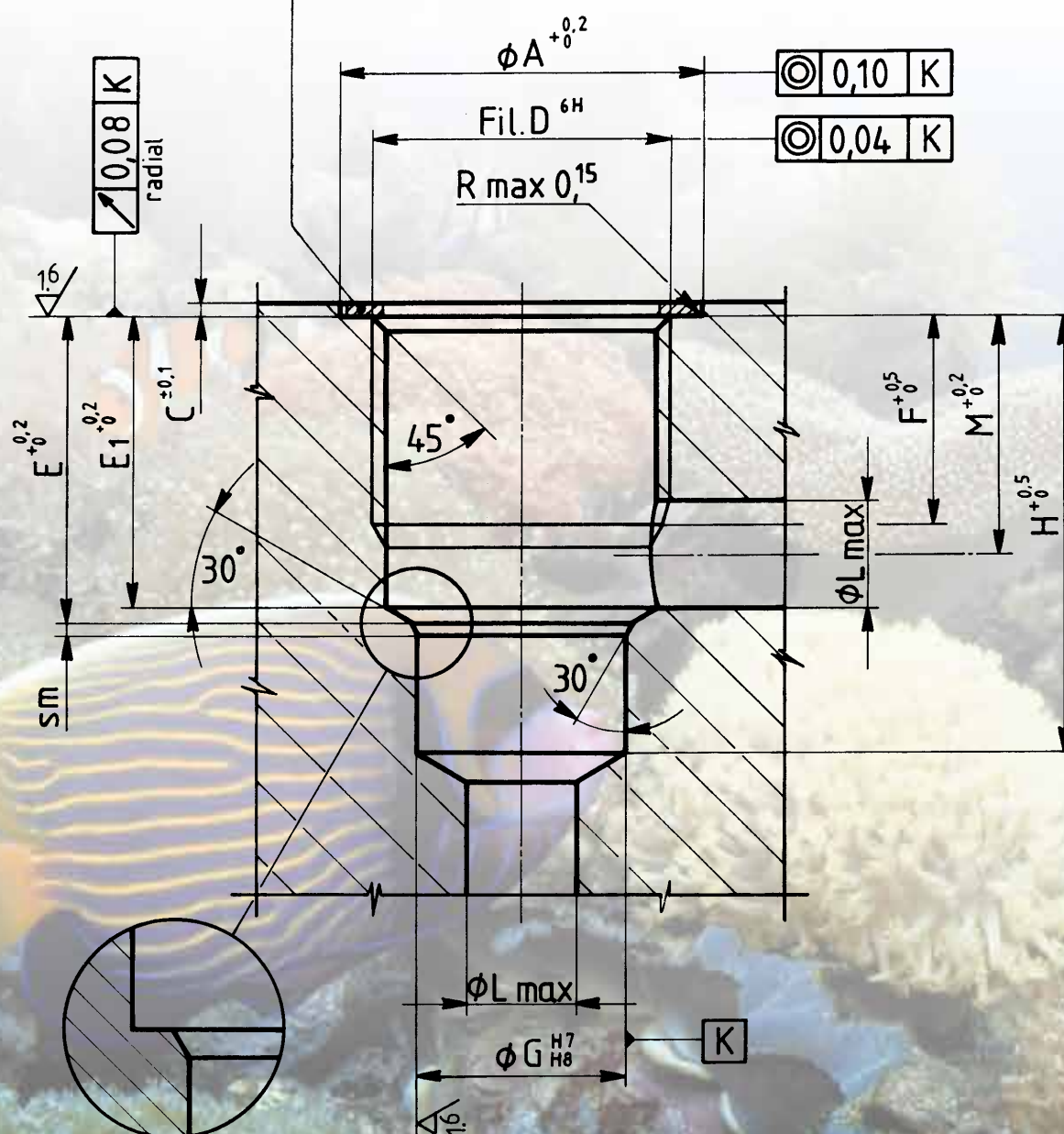
FLAT SEATING FOR OR - FT 247/2 - 267/2

TYPE	ØA	ØB	C	^D UNI 4534	E	E1	F	ØG	H	ØL	M	SM	OR
18	23	19	2	M15x1	14	13	11	12	21,5	4	11,5	0,5	3056
14	28	24	2	M20x1,5	17,5	16,5	13,5	14	28,5	5	14,5	1	3075
38	28	24	2	M20x1,5	21	20,5	13,5	16	33,5	8	16,2	1,2	3075
12	34	30	2	M27x2	30	28,5	20	19	43	10	24	1,2	3100
34	43	36	2	M33x2	32,5	32	20	27	47,5	13	25	1,2	3125
100	60	45	2	M42x2	38,5	37	23,5	35	57	16	30,5	1,5	3162

FLAT SEATING FOR OR - FT 267/5

TYPE	ØA	ØB	C	^D UNI 4534	E	E1	F	ØG	H	ØL	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

BONDED SEAL



78

SEATING MACHINING DRAWINGS FOR THREADED CARTRIDGE MOUNTED VALVES



FT 247/2 - FT 267/2 - FT 267/5

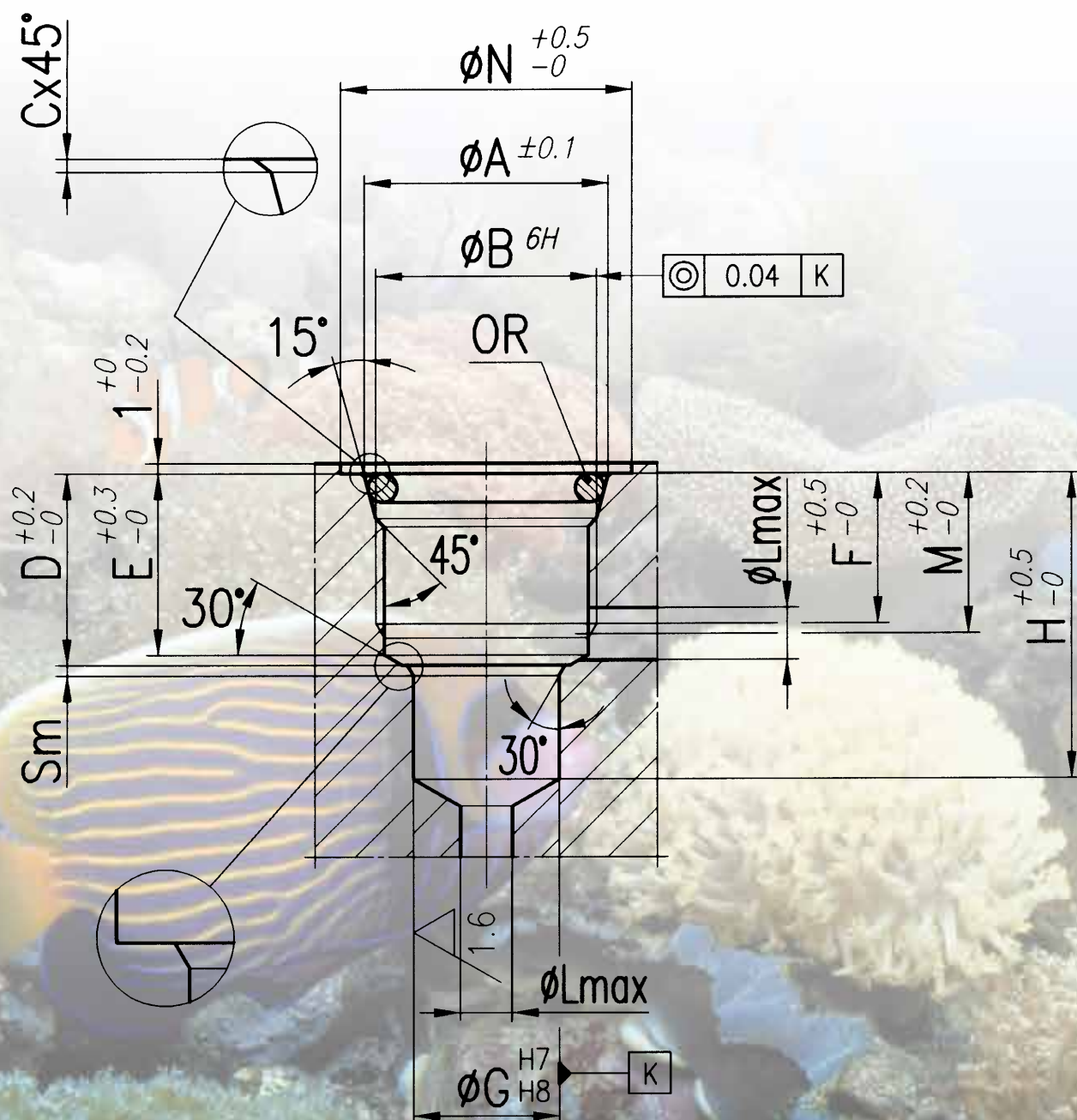
SEATING FOR BONDED SEAL - FT 247/2 - 267/2

TYPE	ØA	C	D UNI 4534	E	E1	F	ØG	H	ØL	M	SM	BONDED SEAL
18	23	1	M15x1	13	12	9	12	20	4	10,3	0,5	400-512
14	27	1	M20x1,5	16,5	15,5	12	14	27	5	13,3	1	400-513
38	27	1	M20x1,5	20	19,5	12	16	32	8	15,2	1,2	400-513
12	33	1,3	M27x2	28	26,5	18	19	41	10	22	1,2	400-520
34	40	1,3	M33x2	30,5	30	18	27	45,5	13	23	1,2	400-515
100	50	1,3	M42x2	36,5	35	21,5	35	55	16	28,5	1,5	400-516

SEATING FOR BONDED SEAL - FT 267/5

TYPE	ØA	C	D UNI 4534	E	E1	F	ØG	H	ØL	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

Sealing realized
with OR seals
on conical seating



Manufacturing detail
possible in alternative
to the conic seat removing
the quote E

SEATING MACHINING DRAWINGS FOR THREADED CARTRIDGE MOUNTED VALVES



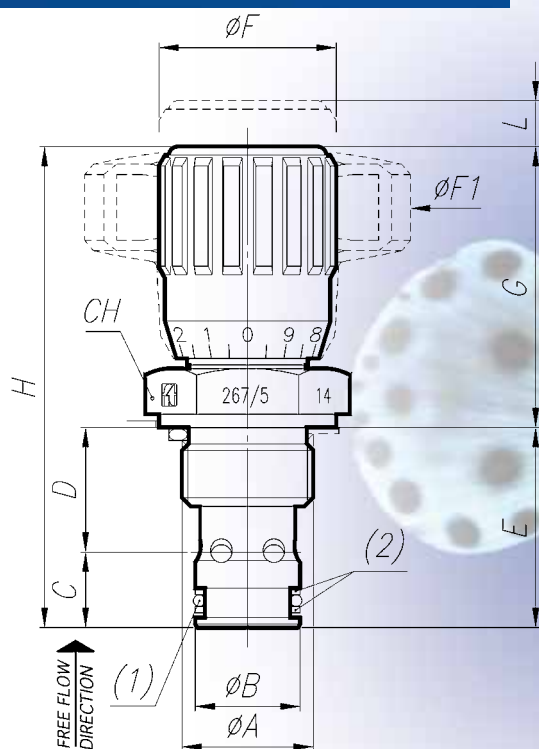
FT 247/2 - FT 267/2 - FT 267/5

CONICAL SEATING FOR OR - FT 247/2 - FT 267/2

TYPE	ØA	ØB UNI 4534	C	D	E	F	ØG	H	ØL	M	ØN	SM	OR
18	16,5	M15x1	0,25	14	13	11	12	21,5	4	11,5	23	0,5	2050
14	22,3	M20x1,5	0,25	17,5	16,5	13,5	14	28,5	5	14,5	28	1	3068
38	22,3	M20x1,5	0,25	21	20,5	13,5	16	33,5	8	16,2	28	1,2	3068
12	29,1	M27x2	0,3	30	28,5	20	19	43	10	24	34	1,2	132
34	36	M33x2	0,3	32,5	32	20	27	47,5	13	24	43	1,2	4112
100	45	M42x2	0,3	38,5	37	23,5	35	57	16	29	60	1,5	4150

CONICAL SEATING FOR OR - FT 267/5

TYPE	ØA	ØB UNI4534	C	D	E	F	ØG	H	ØL	M	ØN	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



MATERIALS

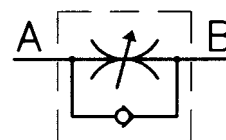
BODY	11 S MN PB 30 - UNI EN 10087
NEEDLE	38 NI CR MO4 - UNI EN 10083
OR	NITRILE
ANTIEXTRUSION RINGS	PTFE
CHECK VALVE	38 NI CR MO4 - UNI EN 10083
SPRING	C85 - UNI EN 10089
KNOB	GD AL SI 12 - UNI EN AB 46100
KNOB (MP)	ABS

EXAMPLE FOR ORDERING

	CODE	TYPE	VITON SEAL	PLASTIC KNOB
STEEL	FT 267/5	38	V	MP
STAINLESS STEEL	FT 2267/5	12	-	MP

DIMENSIONS

TYPE	ØA UNI 4534	ØB	C	D	E	ØF	ØF1	G	H	L	CH	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



CARTRIDGE MOUNTED SINGLE-ACTING CONTROL VALVES

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

On request

- Version in AISI 316 code FT 2267/5
- Complete with Viton seals (V)
- Knob in ABS (mp)
- Lobes aluminium die-cast handwheel (RA)



FT 267/5

TECHNICAL DATA

TYPE	TYPE FLOW SECTION CM ²	MAX. WORKING PRESSURE BAR	MIN. BURSTING PRESSURE BAR	WORKING TEMPERATURE °C	FILTRATION GRADE μM ABSOLUTE
14	0,07	320	1300	-20°/+100°	25
38	0,15	320	1300	-20°/+100°	25
12	0,37	320	1300	-20°/+100°	25
34	1,56	320	1300	-20°/+100°	25
100	3,80	320	1300	-20°/+100°	25

SEAL KIT ON THE NEEDLE

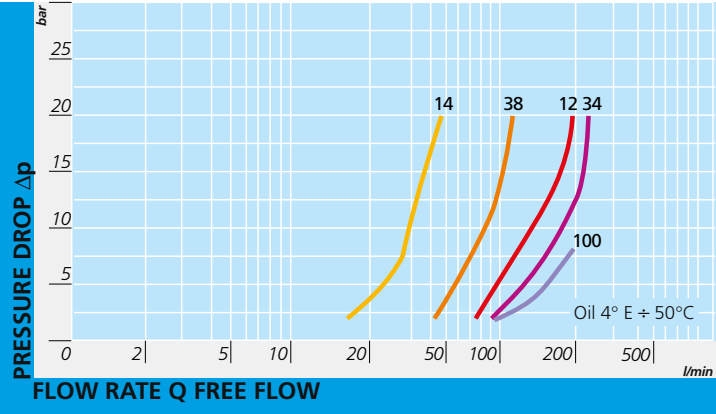
TYPE	OR	ANTIEXTRUSION RINGS
14	2021	200-801
38	2018	2018
12	106	106
34	108	108
100	112	112

SEAL KIT ON THE SEATING

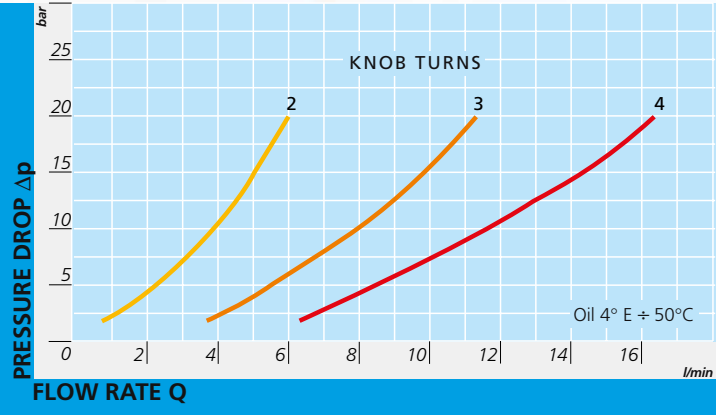
TYPE	1 (OR)	(2) BK SPECIAL
14	2050	267/2.022.00.1-38
38	2062	267/2.022.00.1-12
12	130	267/2.022.00.1-34
34	3118	267/5.022.00.1-34
100	3156	3156



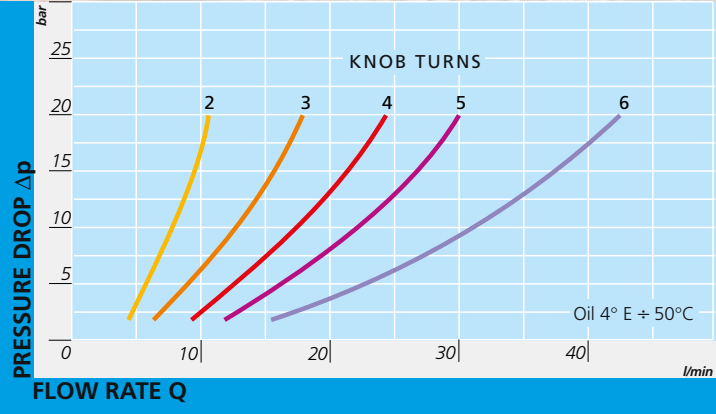
FT 267/5



FT 267/5 - 14



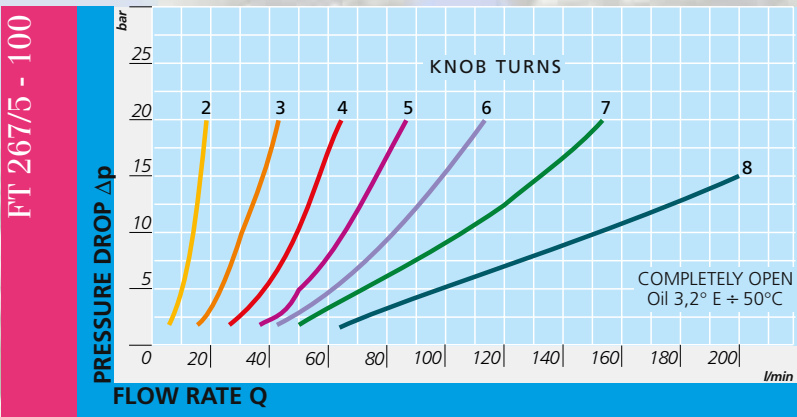
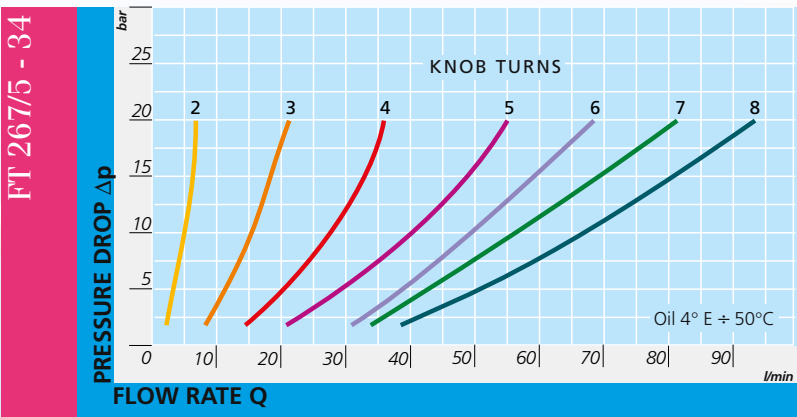
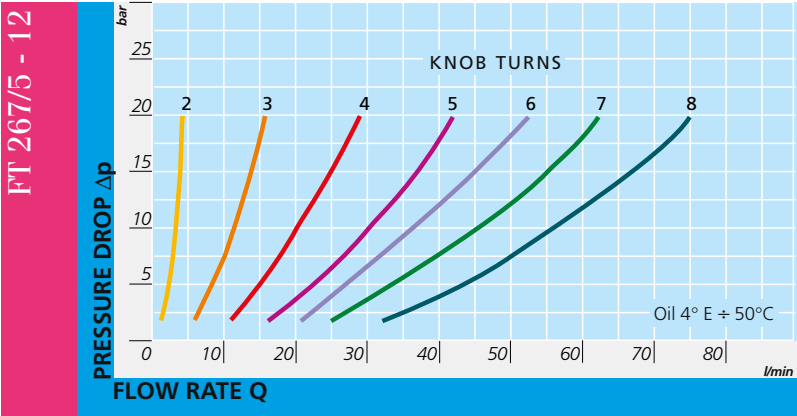
FT 267/5 - 38



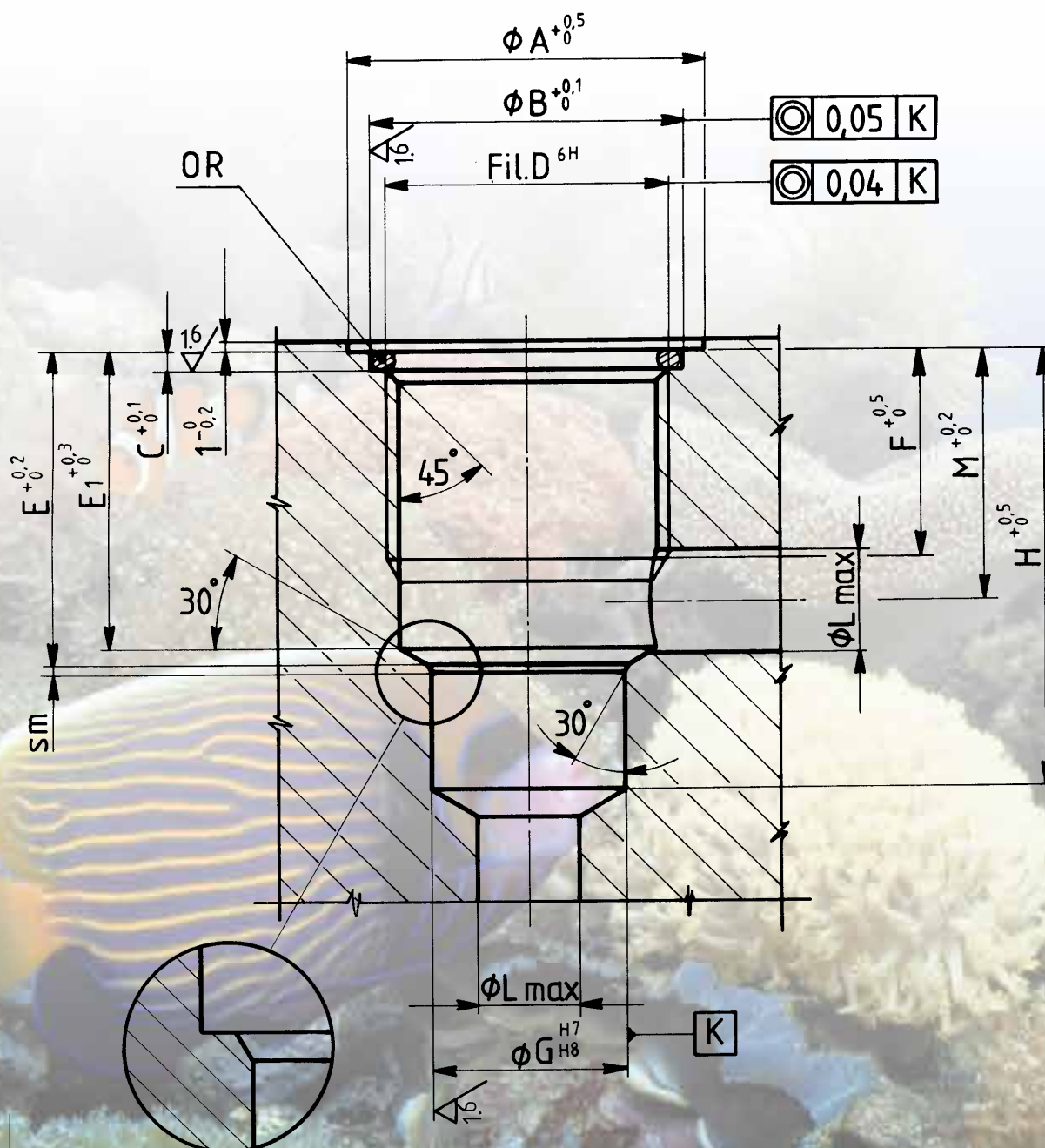
FLOW RATE CURVES



FT 267/5



Sealing realized
with OR seals
on flat seating



Manufacturing detail
possible in alternative
to the conic seat removing
the quote E1

SEATING MACHINING DRAWINGS FOR THREADED CARTRIDGE MOUNTED VALVES



FT 247/2 - FT 267/2 - FT 267/5

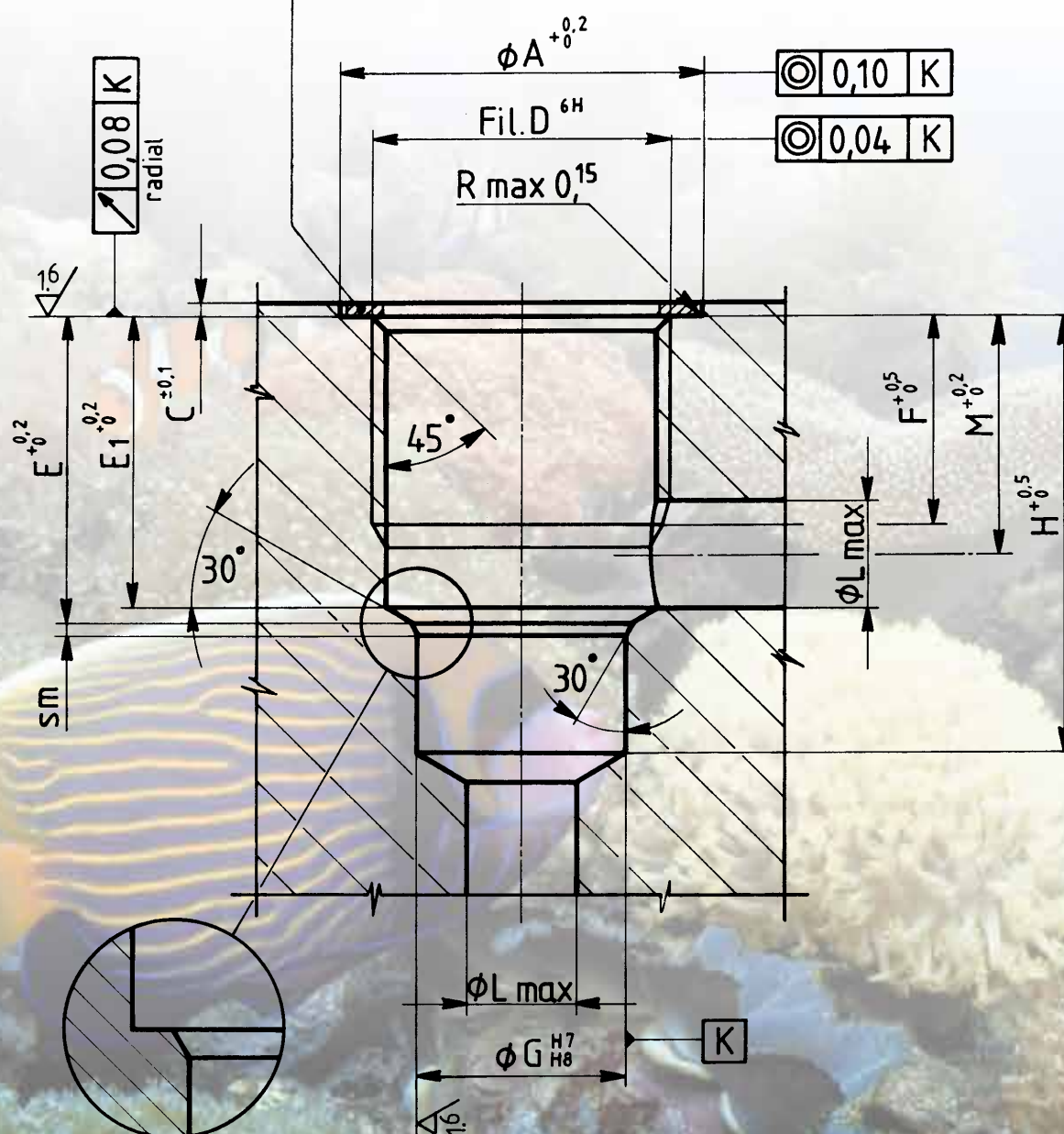
FLAT SEATING FOR OR - FT 247/2 - 267/2

TYPE	ØA	ØB	C	^D UNI 4534	E	E1	F	ØG	H	ØL	M	SM	OR
18	23	19	2	M15x1	14	13	11	12	21,5	4	11,5	0,5	3056
14	28	24	2	M20x1,5	17,5	16,5	13,5	14	28,5	5	14,5	1	3075
38	28	24	2	M20x1,5	21	20,5	13,5	16	33,5	8	16,2	1,2	3075
12	34	30	2	M27x2	30	28,5	20	19	43	10	24	1,2	3100
34	43	36	2	M33x2	32,5	32	20	27	47,5	13	25	1,2	3125
100	60	45	2	M42x2	38,5	37	23,5	35	57	16	30,5	1,5	3162

FLAT SEATING FOR OR - FT 267/5

TYPE	ØA	ØB	C	^D UNI 4534	E	E1	F	ØG	H	ØL	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

BONDED SEAL



78

SEATING MACHINING DRAWINGS FOR THREADED CARTRIDGE MOUNTED VALVES



FT 247/2 - FT 267/2 - FT 267/5

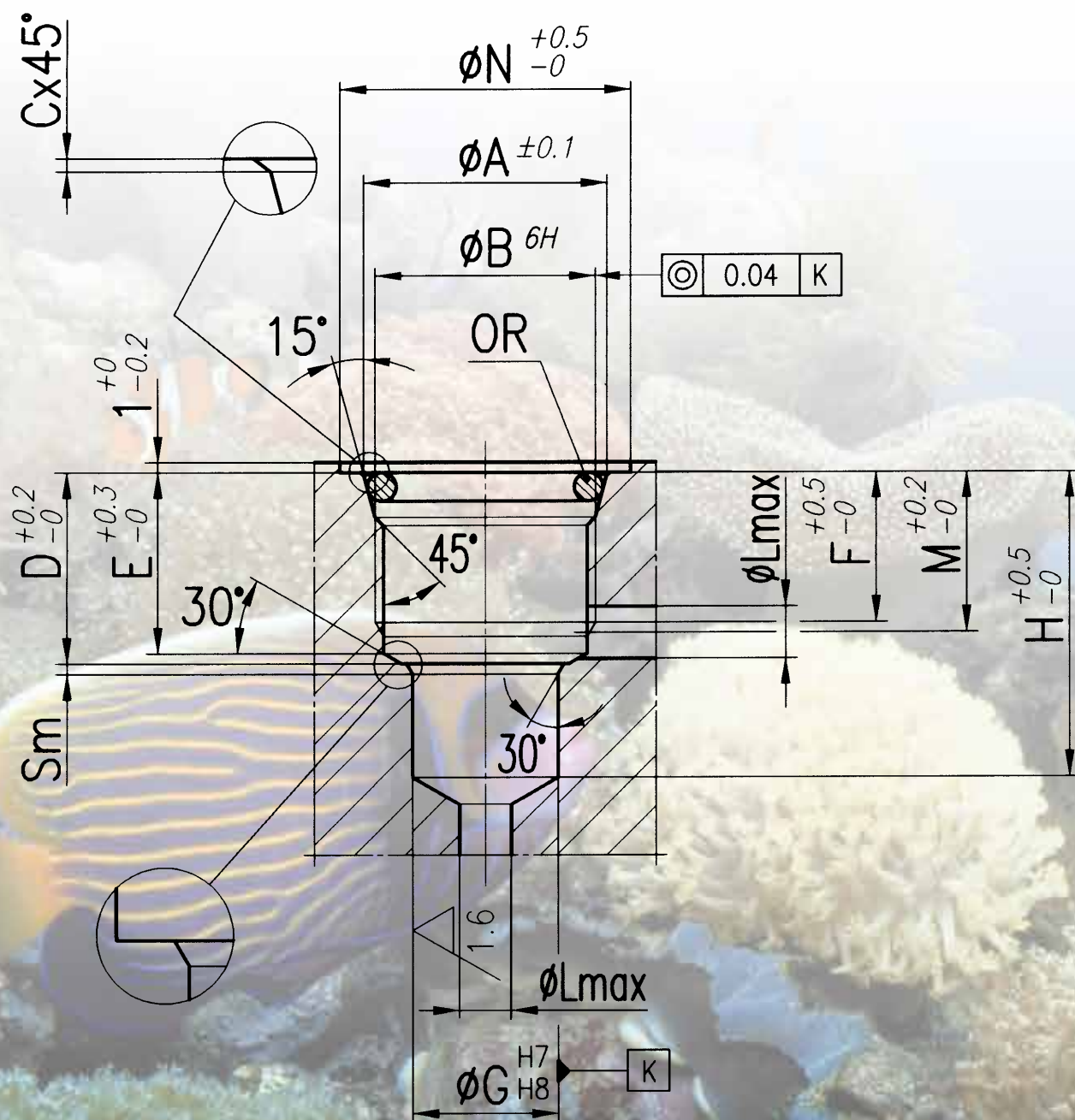
SEATING FOR BONDED SEAL - FT 247/2 - 267/2

TYPE	ØA	C	D UNI 4534	E	E1	F	ØG	H	ØL	M	SM	BONDED SEAL
18	23	1	M15x1	13	12	9	12	20	4	10,3	0,5	400-512
14	27	1	M20x1,5	16,5	15,5	12	14	27	5	13,3	1	400-513
38	27	1	M20x1,5	20	19,5	12	16	32	8	15,2	1,2	400-513
12	33	1,3	M27x2	28	26,5	18	19	41	10	22	1,2	400-520
34	40	1,3	M33x2	30,5	30	18	27	45,5	13	23	1,2	400-515
100	50	1,3	M42x2	36,5	35	21,5	35	55	16	28,5	1,5	400-516

SEATING FOR BONDED SEAL - FT 267/5

TYPE	ØA	C	D UNI 4534	E	E1	F	ØG	H	ØL	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

Sealing realized
with OR seals
on conical seating



Manufacturing detail
possible in alternative
to the conic seat removing
the quote E

SEATING MACHINING DRAWINGS FOR THREADED CARTRIDGE MOUNTED VALVES



FT 247/2 - FT 267/2 - FT 267/5

CONICAL SEATING FOR OR - FT 247/2 - FT 267/2

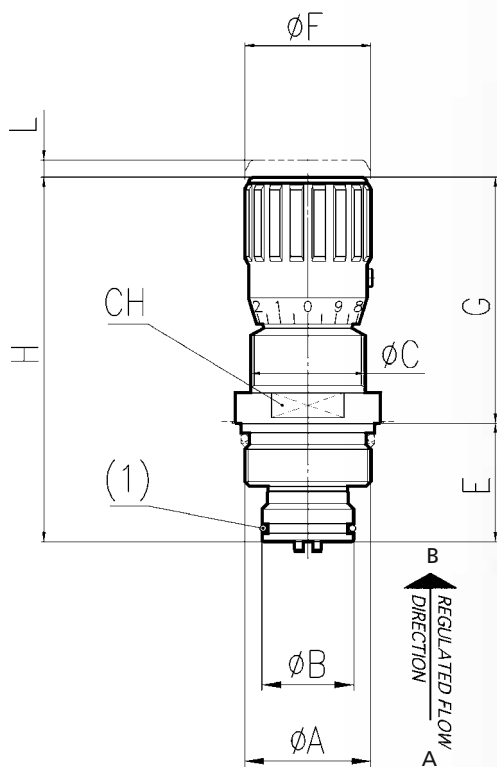
TYPE	ØA	ØB UNI 4534	C	D	E	F	ØG	H	ØL	M	ØN	SM	OR
18	16,5	M15x1	0,25	14	13	11	12	21,5	4	11,5	23	0,5	2050
14	22,3	M20x1,5	0,25	17,5	16,5	13,5	14	28,5	5	14,5	28	1	3068
38	22,3	M20x1,5	0,25	21	20,5	13,5	16	33,5	8	16,2	28	1,2	3068
12	29,1	M27x2	0,3	30	28,5	20	19	43	10	24	34	1,2	132
34	36	M33x2	0,3	32,5	32	20	27	47,5	13	24	43	1,2	4112
100	45	M42x2	0,3	38,5	37	23,5	35	57	16	29	60	1,5	4150

CONICAL SEATING FOR OR - FT 267/5

TYPE	ØA	ØB UNI4534	C	D	E	F	ØG	H	ØL	M	ØN	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



FT 287/2



MATERIALS

BODY BASE	11S MN Pb 30 - UNI EN 10087
COMPENSATION UNIT	38 NI CR MO 4 - UNI EN 10083
OR	NITRILE
ANTIEXTRUSION RING	PTFE
KNOB	GD AL SI 12 - UNI EN AB 46100

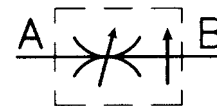
EXAMPLE FOR ORDERING

	CODE	TYPE	VITON SEAL
STEEL	FT 287/2	38	V



DIMENSIONS

TYPE	ØA UNI 4534	ØB	ØC	E	G	ØF	H	L	CH	(1) OR	WEIGHT KG
14	M33x1,5	24	M30x1,5	31	64,5	33	95,5	4,5	32	2081	0,350
38	M39x1,5	30	M35x1,5	34,5	82	38	116,5	6	38	2106	0,580
12	M48x2	35	M40x1,5	42	92,5	47	134,5	6,5	45	3118	0,960
34	M55x2	40	M50x1,5	49	115	58	164	7,5	55	3137	1,700



CARTRIDGE PRESSURE COMPENSATED FLOW CONTROL VALVES

Pressure compensated flow control valves, to insert in modular units in line. They are essentially composed of the central body of valves series FT 277/2 which may be screwed in units preset by the user.

The construction and functional characteristics reflect exactly those described for the two inlet valves.

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.

On page 94 is proposed a machining scheme for the embedding seat, which has to be observed to ensure the necessary accuracy of the valve.

The constructive system allows the user, already provided with those versions, either to request the two inlet base bodies only, so as to allow their quick transformation, or to store the single standard components to assemble in the various types according to the need.

On request

- Viton seals (V)



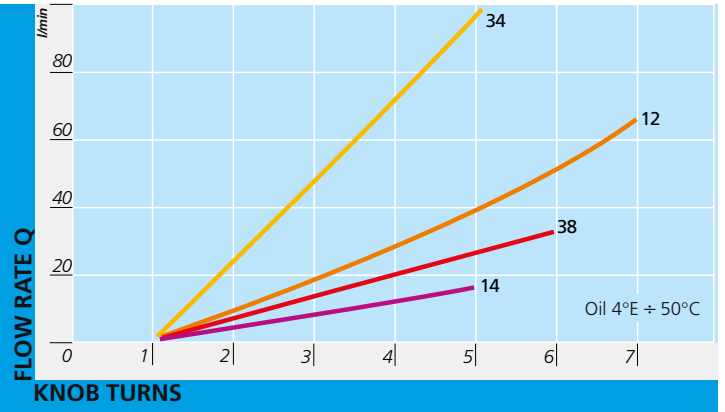
FT 287/2

TECHNICAL DATA

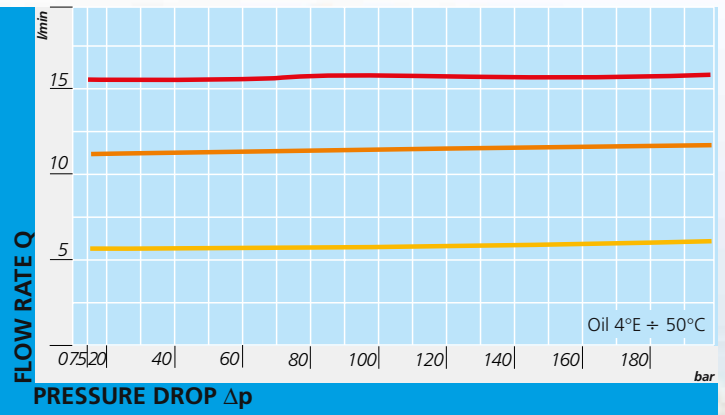
TYPE	MAX. WORKING PRES- SURE BAR	MIN. BURSTING PRESSU- RE BAR	WORKING TEMPERATURE °C	FILTRATION GRADE μM ABSOLUTE
14	320	7,5	-20°/+70°	25
38	320	10	-20°/+70°	25
12	320	12	-20°/+70°	25
34	320	15	-20°/+70°	25



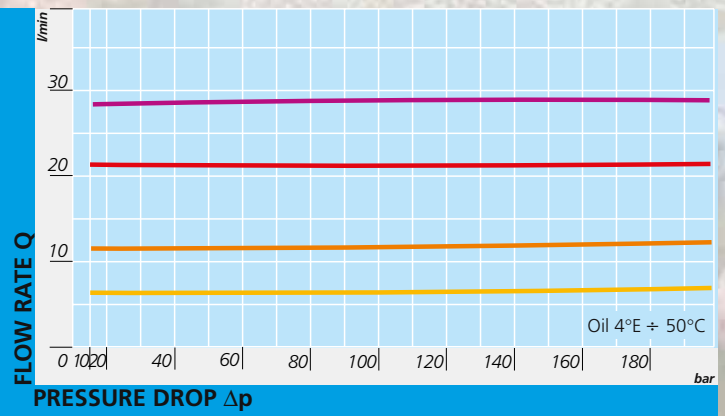
FT 287



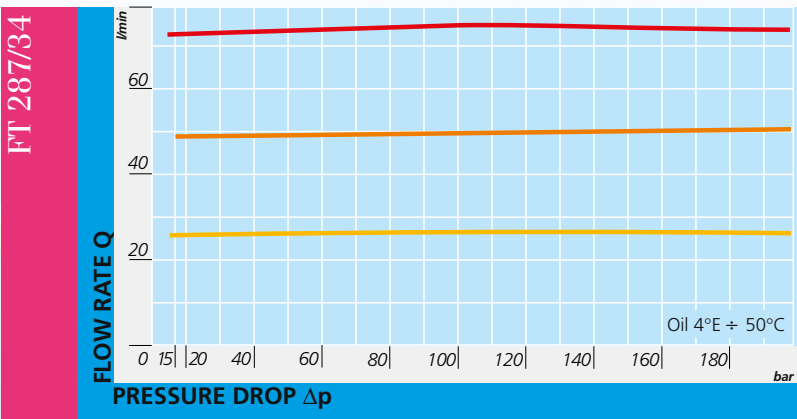
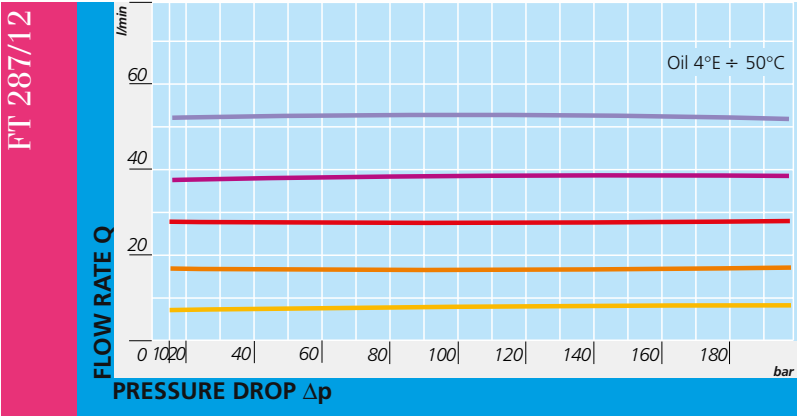
FT 287/14



FT 287/38

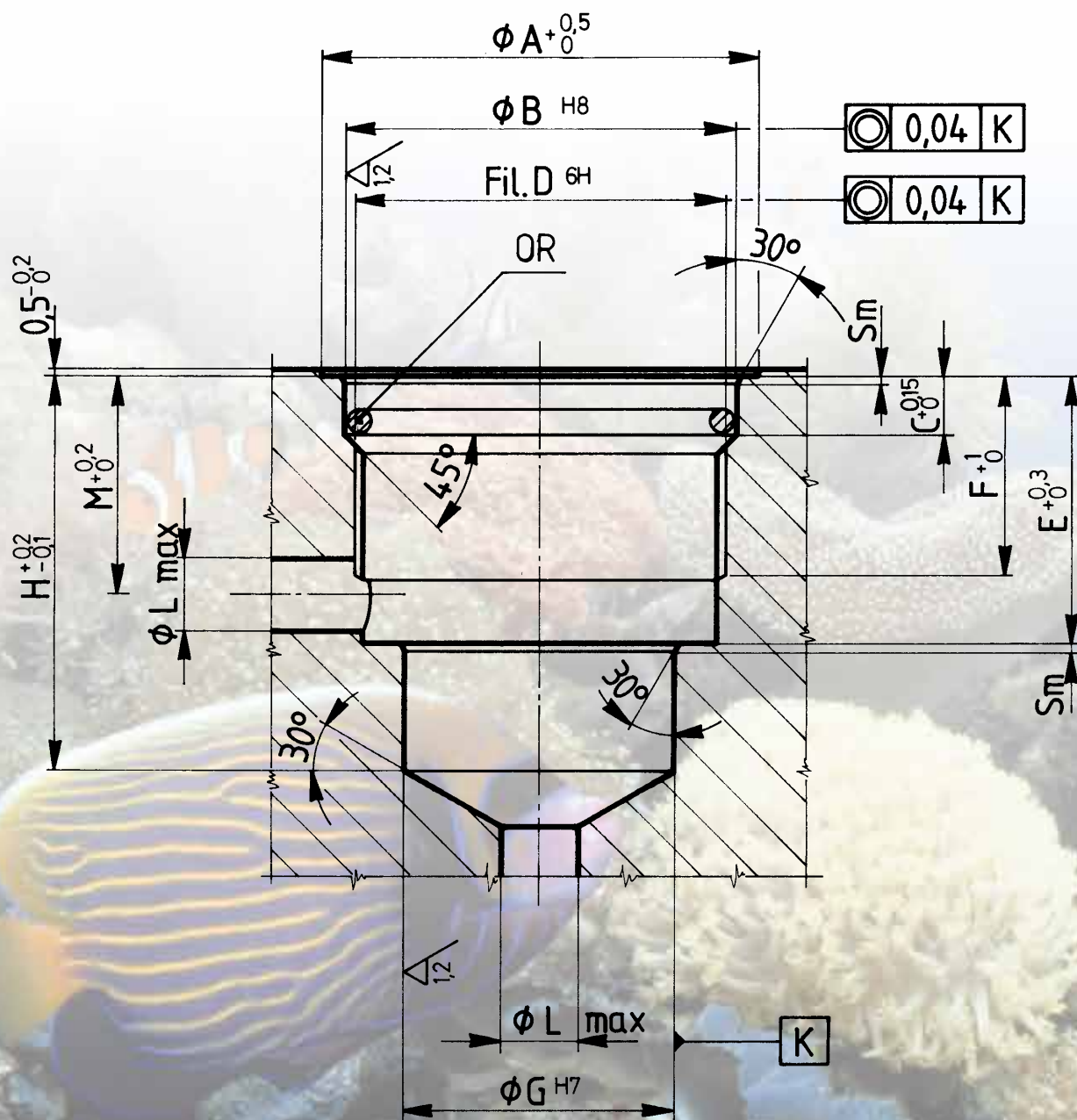


FLOW RATE CURVES



FT 287/2

Sealing realized
with OR seals
on conical
seating



DRAWING OF CAVITY MACHINE FOR CARTRIDGE MOUNTED VALVES



FT 287/2 - FT 297/2

TYPE	ØA	ØB	C	D UNI 4535	E	F	ØG	H	ØL	M	ØR	SM
14	39	35	5,2	M33x1,5	24	18	24	35,2	6,5	20	3118	0,8
38	44	40,5	5,2	M39x1,5	27,5	19	30	40	9	22,5	3143	0,8
12	53	49	6,5	M48x2	33,5	23,5	35	49	11	27,5	3175	0,8
34	63	58	7	M55x2	40	27	40	57	13,5	32,5	155	1