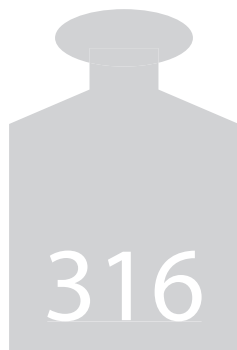




INOX Cylinder



INOX

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Technical information	
Diameter	Ø20 - Ø25 - Ø32 - Ø40 - Ø50 - Ø63 - Ø80 - Ø100 - Ø125 - Ø160 - Ø200 mm
Stroke*	10 - 25 - 50 mm Single acting
	5 - 10 - 25 - 50 - 70 - 75 - 80 - 90 - 100 - 125 - 150 - 160 - 200 - 250 - 300 - 400 - 500 - 600 - 700 - 800 - 900 - 1000 mm Double acting
Medium	Air
Pressure range	1 ... 10 bar (Single acting)
	2 ... 10 bar (Double acting)
Temperature range	0°C ... +80°C
	0°C ... + 150°C (high temperature version)
	Below 0°C air has to be dried.
Versions	VENX, VEFX, VENXV, VEFXV (Single acting)
	VINX/VIFX, VINTX, VBFX/VBNX, DIMX, RIMX/RIMOX, HIFX, HBFX (Double acting)

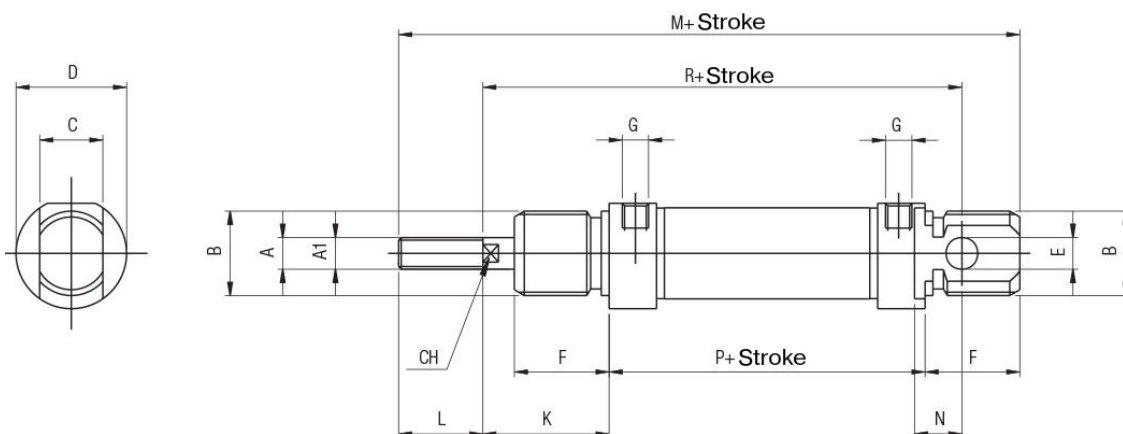
Materials	HIFX, HBFX	
Tube	Stainless steel	Stainless steel
Heads	Stainless steel	Stainless steel
Piston	Aluminum	Die-cast aluminum
Piston rod	Stainless steel	Stainless steel
Guide bushing	Technopolymer	Sintered bronze
Seals	PUR	PUR

Round Cylinder | ISO 6432

RIMX

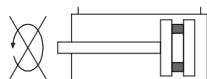


RIMX

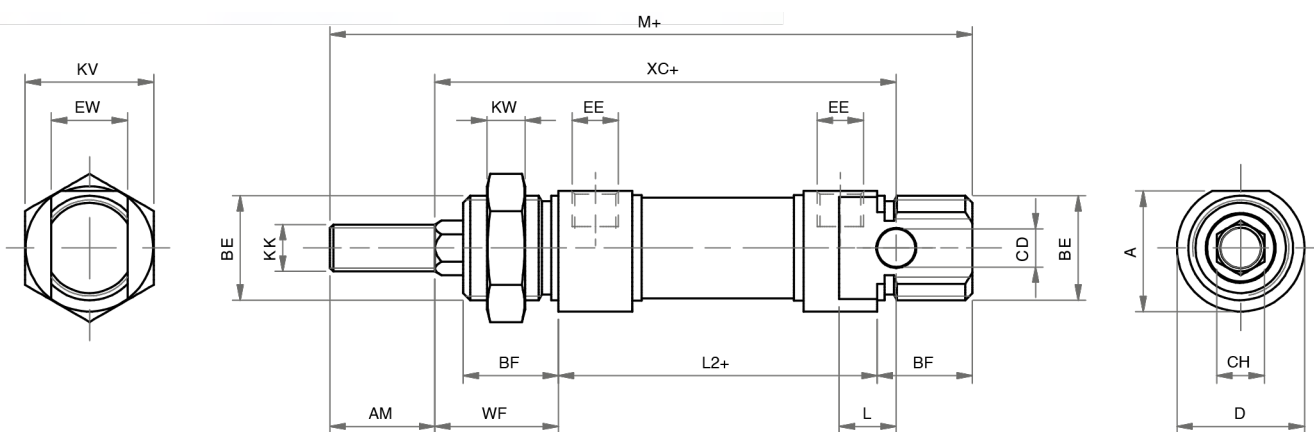


Ø [mm]	A	B	C	D	E	K	L	M	N	P	R	AM	EE	KK	SW
Ø16	6	M16x1,5	12	19	6	22	18	109	9	53	82	16	M5	M6	5
Ø20	8	M22x1,5	16	27	8	24	20	131	12	67	95	20	G1/8"	M8	7
Ø25	10	M22x1,5	16	30	8	28	22	140	12	68	104	22	G1/8"	M10x1,25	9

RIMOX



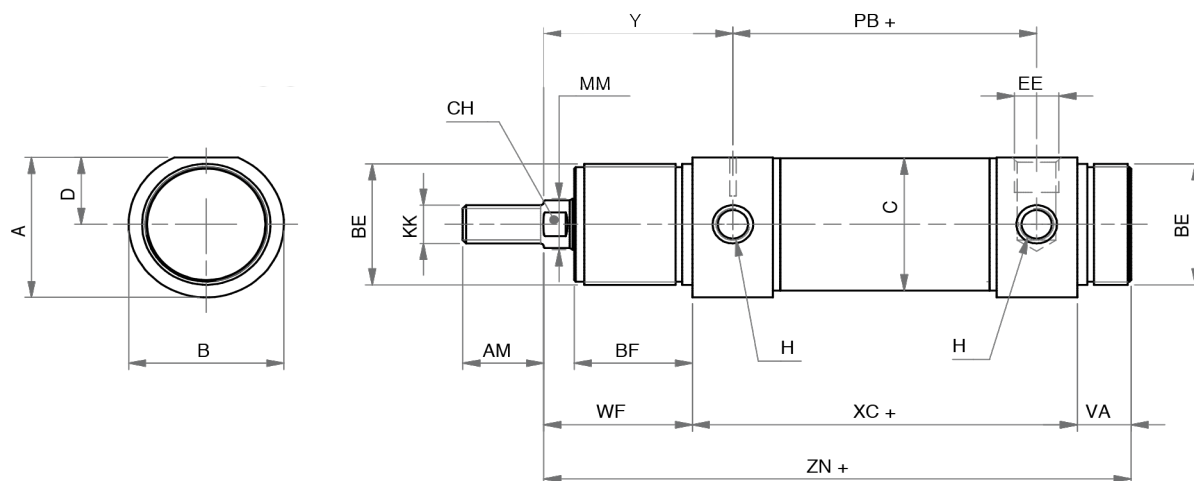
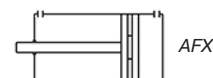
RIMOX



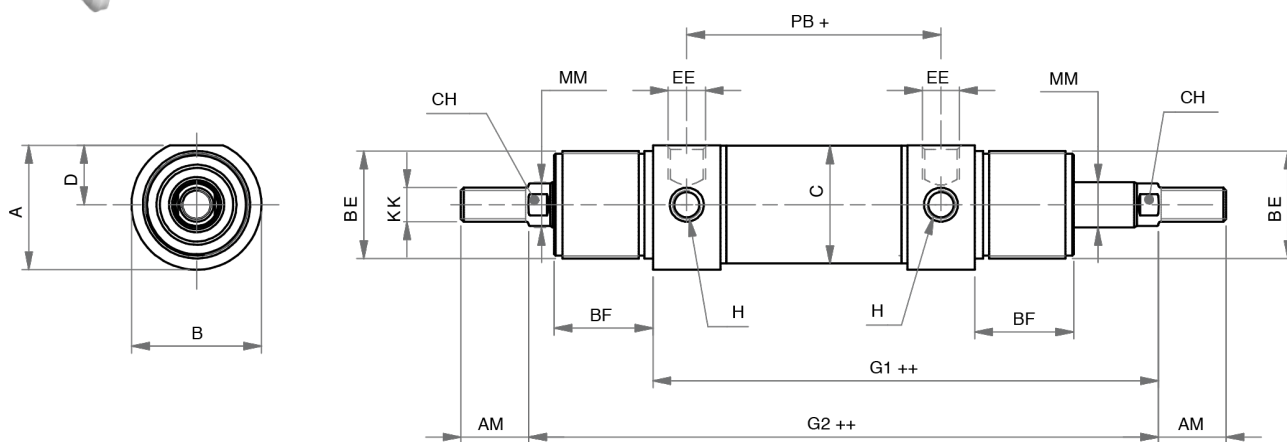
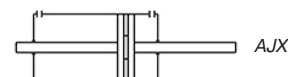
Ø [mm]	A	AM	BE	BF	CD	CH	D	EE	EW	KK	KV	KW	L	L2+	M+	WF	XC+
Ø16	18	16	M16x1,5	18	6	6	19	M5	12	M6	22	8	9	53	109	22	82
Ø20	25,5	20	M22x1,5	20	8	8	27	G1/8	16	M8	27	11	12	67	131	24	95
Ø25	28,5	22	M22x1,5	22	8	10	30	G1/8	16	M10x1,25	27	11	12	68	140	28	104



Round Cylinder AFX/AJX



Ø [mm]	A	AM	B	BE	BF	C	CH	D	EE	H	KK	MM	PB+	VA	WF	XC+	Y	ZN+
Ø32	36,5	20	38	M30x1,5	30	33,6	10	17,5	G1/8	M8x1	M10x1,25	12	78	14	38	96	47	148
Ø40	44	24	46	M38x1,5	35	41,6	12	21	G1/4	M10x1	M12x1,25	16	89	16	45	113	57	174
Ø50	55	32	57	M45x1,5	38	52,4	16	26,5	G1/4	M12x1,5	M16x1,5	20	96	18	50	120	62	188
Ø63	67,5	32	70	M45x1,5	38	65,4	16	32,5	G3/8	M14x1,5	M16x1,5	20	98	18	50	124	63	192

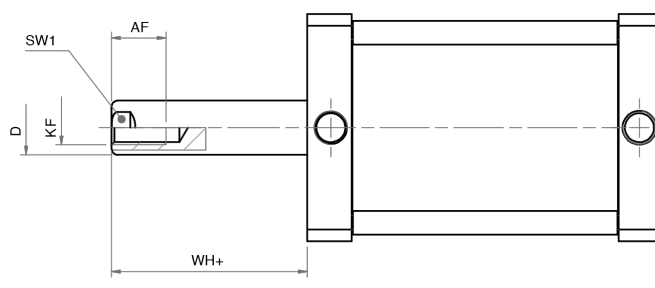
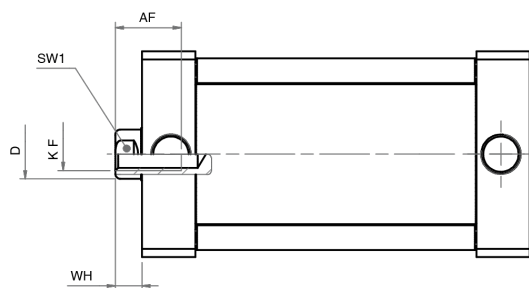
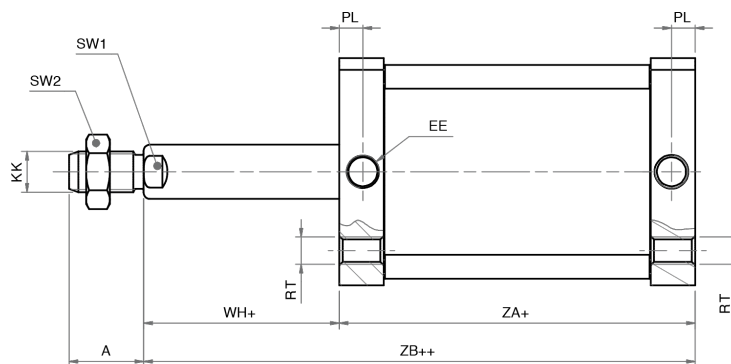
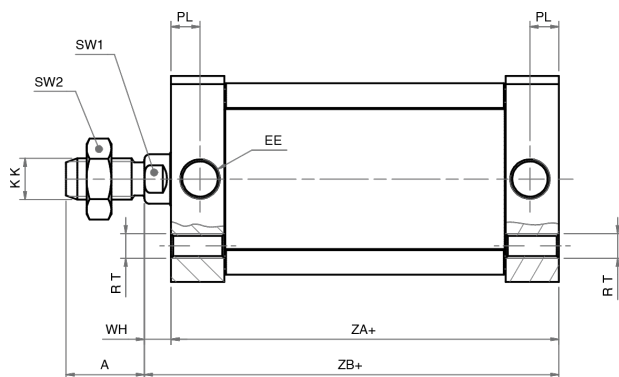
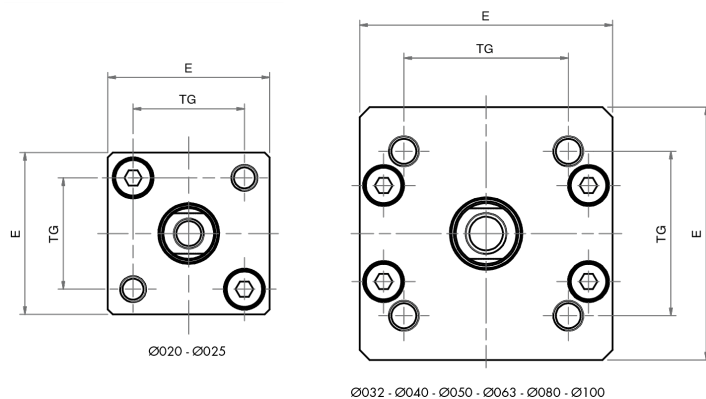


Ø [mm]	A	AM	B	BE	BF	C	CH	D	EE	G1	G2	H	KK	MM	PB+
Ø32	36,5	20	38	M30x1,5	30	33,6	10	17,5	G1/8	134	172	M8x1	M10x1,25	12	78
Ø40	44	24	46	M38x1,5	35	41,6	13	21	G1/4	158	203	M10x1	M12x1,25	16	89
Ø50	55	32	57	M45x1,5	38	52,4	17	26,5	G1/4	170	220	M12x1,5	M16x1,5	20	96
Ø63	67,5	32	70	M45x1,5	38	65,4	17	32,5	G3/8	174	224	M14x1,5	M16x1,5	20	98



Compact Cylinder | ISO 21287

VENX/VEFX/VENVX/VEFVX



VENX/VEFX

VENVX/VEFVX

Ø [mm]	A	AF	D	E	EE	KF	KK	PL	RT	SW1	SW2	TG	WH	ZA+	ZB+
Ø20	16	10	10	32	M5	M6	M8	6	M5	8	13	22	6,5	47*	53,5*
Ø25	16	10	10	36	M5	M6	M8	6	M5	8	13	26	6	49*	55*
Ø32	19	12	12	50	G1/8	M8	M10x1,25	7	M6	10	17	32,5	6,5	44*	50,5*
Ø40	19	12	12	57	G1/8	M8	M10x1,25	7	M6	10	17	38	7	45*	52*
Ø50	22	16	16	67	G1/8	M10	M12x1,25	7	M8	13	19	46,5	8	45*	53*
Ø63	22	16	16	80	G1/8	M10	M12x1,25	7	M8	13	19	56,5	8	49*	57*
Ø80	28	20	20	96	G1/8	M12	M16x1,5	7,5	M10	17	24	72	10	54*	64*
Ø100	28	25	25	116	G1/8	M12	M16x1,5	7,5	M10	22	24	89	10	67*	77*

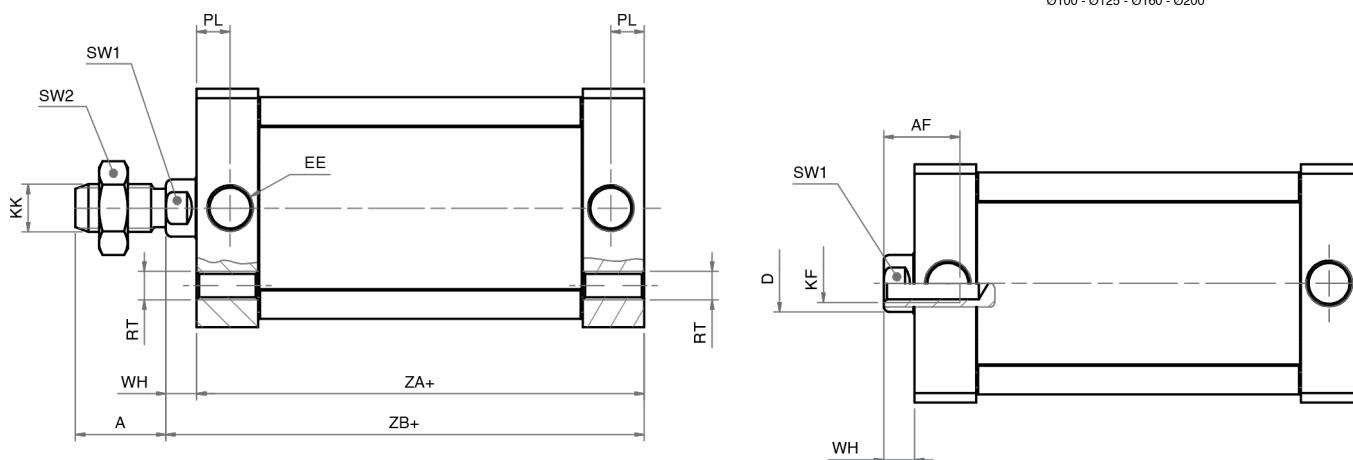
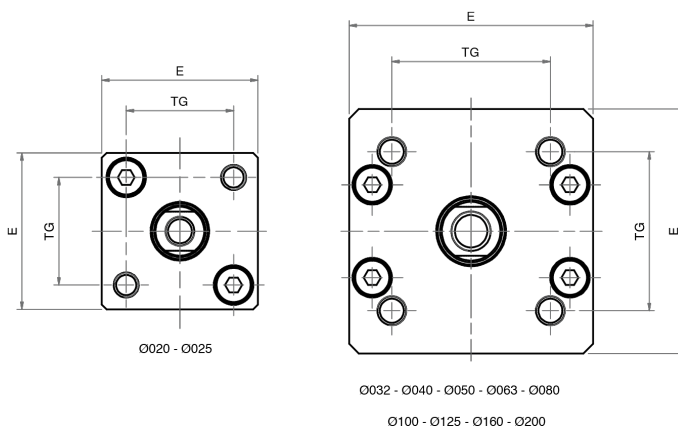
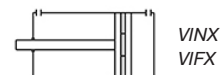
*VENX, VEFX for 50 mm stroke version please add: Ø20 +10 mm, Ø25-Ø63 +20 mm, Ø80-Ø100 + 30 mm

*VENVX, VEFVX for 50 mm stroke version please add: Ø20-Ø25 +10 mm, Ø32-Ø63 +10 mm, Ø80-Ø100 + 20 mm



Compact Cylinder | ISO 21287 VINX/VIFX

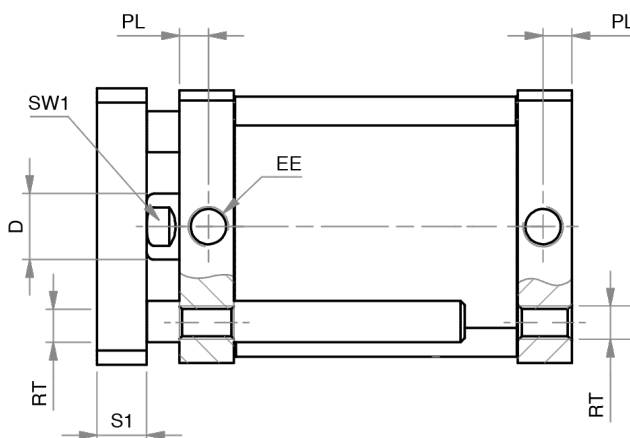
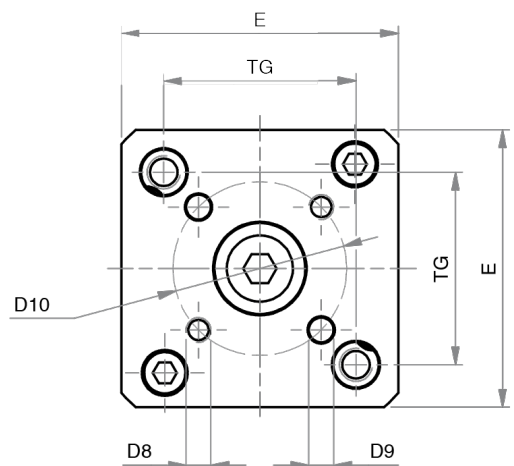
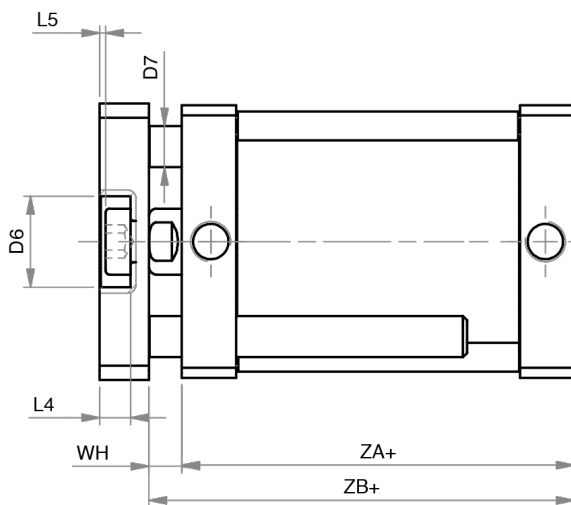
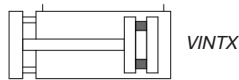
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Ø [mm]	A	AF	D	E	EE	KF	KK	PL	RT	SW1	SW2	TG	WH	ZA+	ZB+
Ø20	16	10	10	32	M5	M6	M8	6	M5	8	13	22	6,5	37	43,5
Ø25	16	10	10	36	M5	M6	M8	6	M5	8	13	26	6	39	45
Ø32	19	12	12	50	G1/8	M8	M10x1,25	7	M6	10	17	32,5	6,5	44	50,5
Ø40	19	12	12	57	G1/8	M8	M10x1,25	7	M6	10	17	38	7	45	52
Ø50	22	16	16	67	G1/8	M10	M12x1,25	7	M8	13	19	46,5	8	45	53
Ø63	22	16	16	80	G1/8	M10	M12x1,25	7	M8	13	19	56,5	8	49	57
Ø80	28	20	20	96	G1/8	M12	M16x1,5	7,5	M10	17	24	72	10	54	64
Ø100	28	20	25	116	G1/8	M12	M16x1,5	7,5	M10	22	24	89	10	67	77
Ø125	54	25	30	140	1/4"	M14	M27x2	10	M12	28	41	110	10	78	88
Ø160	72	30	40	180	3/8"	M20	M36x2	12	M16	36	55	140	12	87	99
Ø200	72	30	40	220	3/8"	M20	M36x2	12	M16	36	55	175	12	87	99



Compact Cylinder | ISO 21287 VINTX

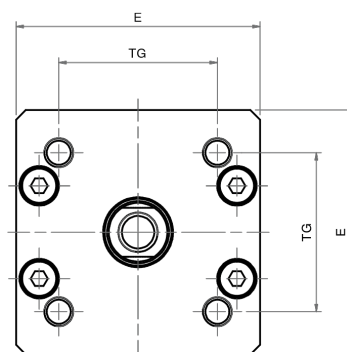
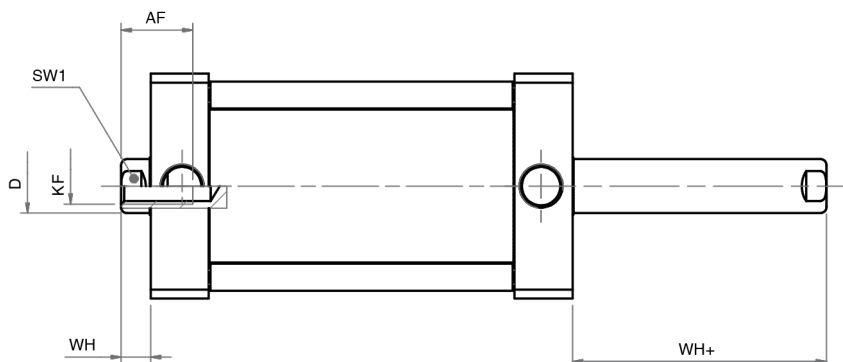
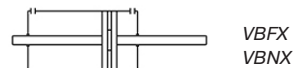


Ø [mm]	D	D6	D7	D8	D9	D10	E	EE	SW1	L4	L5	PL	RT	S1	TG	WH	ZA+	ZB+
Ø20	10	11	6	M4	4	17	32	M5	8	5	1	6	M5	8	22	6,5	37	43,5
Ø25	10	14	6	M5	5	22	36	M5	8	5	1	6	M5	8	26	6	39	45
Ø32	12	17	6	M5	5	28	50	G1/8	10	6,5	1,5	7	M6	10	32,5	6,5	44	50,5
Ø40	12	17	8	M5	5	33	57	G1/8	10	6,5	1,5	7	M6	10	38	7	45	52
Ø50	16	22	10	M6	6	42	67	G1/8	13	7,5	1,5	7	M8	12	46,5	8	45	53
Ø63	16	22	10	M6	6	50	80	G1/8	13	7,5	1,5	7	M8	12	56,5	8	49	57
Ø80	20	28	12	M8	8	65	96	G1/8	17	9	2	7,5	M10	14	72	10	54	64
Ø100	25	30	14	M10	10	80	116	G1/8	22	10	3	7,5	M10	14	89	10	67	77

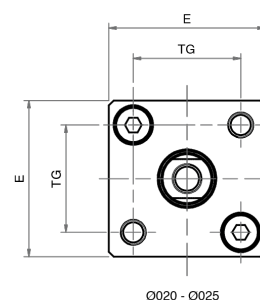
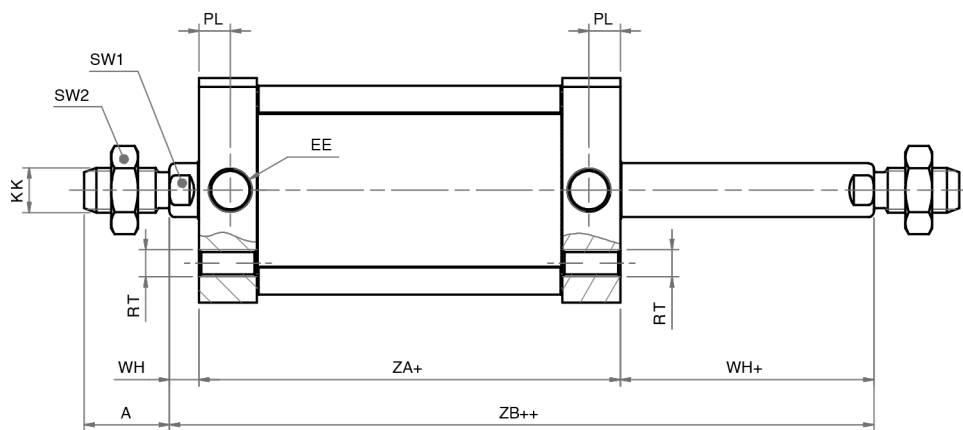


Compact Cylinder | ISO 21287 VBFX/VBNX

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Ø032 - Ø040 - Ø050 - Ø063 - Ø080
Ø100 - Ø125 - Ø160 - Ø200



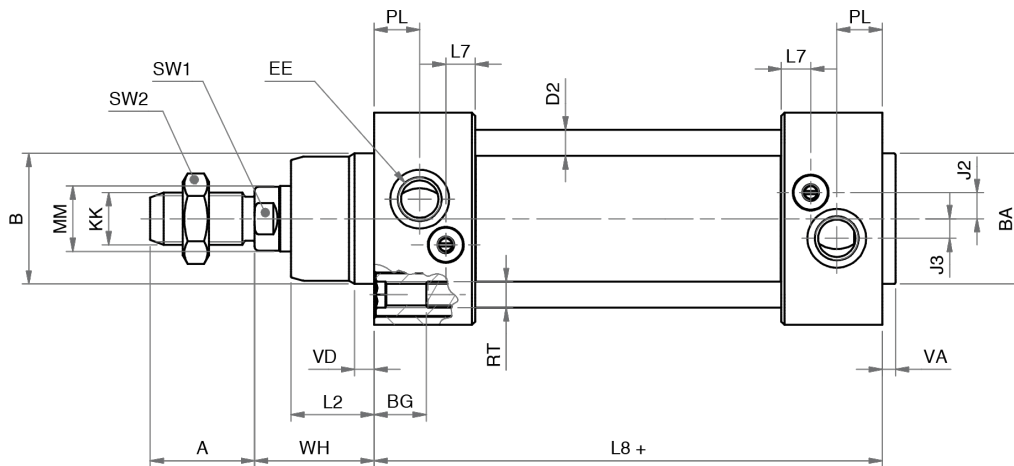
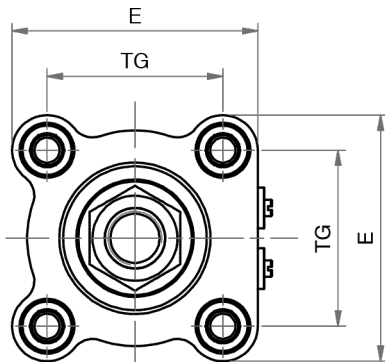
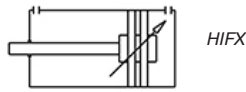
Ø020 - Ø025

Ø [mm]	A	AF	D	E	EE	KF	KK	PL	RT	SW1	SW2	TG	WH	WH+	ZA+	ZB++
Ø20	16	10	10	32	M5	M6	M8	6	M5	8	13	22	6,5	6,5	37	43,5
Ø25	16	10	10	36	M5	M6	M8	6	M5	8	13	26	6	6	39	45
Ø32	19	12	12	50	G1/8	M8	M10x1,25	7	M6	10	17	32,5	6,5	6,5	44	50,5
Ø40	19	12	12	57	G1/8	M8	M10x1,25	7	M6	10	17	38	7	7	45	52
Ø50	22	16	16	67	G1/8	M10	M12x1,25	7	M8	13	19	46,5	8	8	45	53
Ø63	22	16	16	80	G1/8	M10	M12x1,25	7	M8	13	19	56,5	8	8	49	57
Ø80	28	20	20	96	G1/8	M12	M16x1,5	7,5	M10	17	24	72	10	10	54	64
Ø100	28	20	25	116	G1/8	M12	M16x1,5	7,5	M10	22	24	89	10	10	67	77
Ø125	54	25	30	140	1/4"	M14	M27x2	10	M12	28	41	110	10	10	78	88
Ø160	72	30	40	180	3/8"	M20	M36x2	12	M16	36	55	140	12	12	87	99
Ø200	72	30	40	220	3/8"	M20	M36x2	12	M16	36	55	175	12	12	87	99



Tie-rod Cylinder | ISO 15552

HIFX



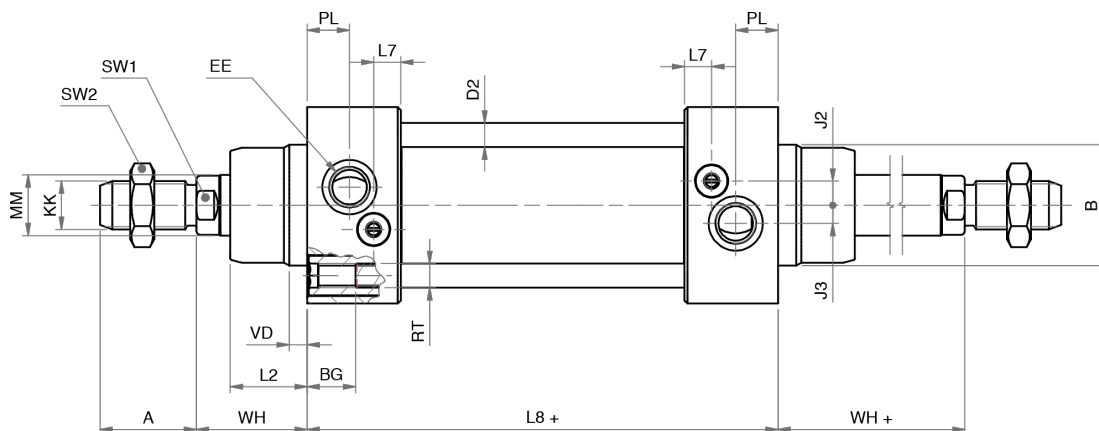
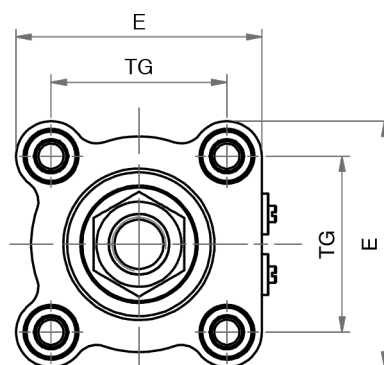
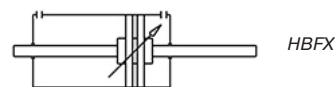
Ø [mm]	A	B	BA	BG	D2	E	EE	J2	J3	KK	L2
Ø32	32	30	30	16	6	48	G1/8	6,6	5,3	M10x1,25	18
Ø40	24	35	35	16	6	52	G1/4	8,5	5	M12x1,25	22
Ø50	32	40	40	16	8	65	G1/4	8	6	M16x1,5	25,5
Ø63	32	45	45	16	8	75	G3/8	10	6,5	M16x1,5	26
Ø80	40	45	45	18	10	95	G3/8	8	8	M20x1,5	32
Ø100	40	55	55	18	10	115	G1/2	15	7	M20x1,5	38
Ø125	54	60	60	20	12	140	G1/2	13	7	M27x2	46

Ø [mm]	L7	L8+	MM	PL	RT	SW1	SW2	TG	VA	VD	WH
Ø32	7,2	94	12	13	M6	10	17	32,5	4	5	26
Ø40	9,2	105	16	14	M6	13	19	38	4	5	30
Ø50	9	106	20	14	M8	17	24	46,5	4	6	37
Ø63	9,5	121	20	16	M8	17	24	56,5	4	6	37
Ø80	11	128	25	16	M10	22	30	72	4	7	46
Ø100	12	138	25	18	M10	22	30	89	4	7	51
Ø125	12	160	32	18	M12	27	41	110	6	10	65



Tie-rod Cylinder | ISO 15552 HBFX

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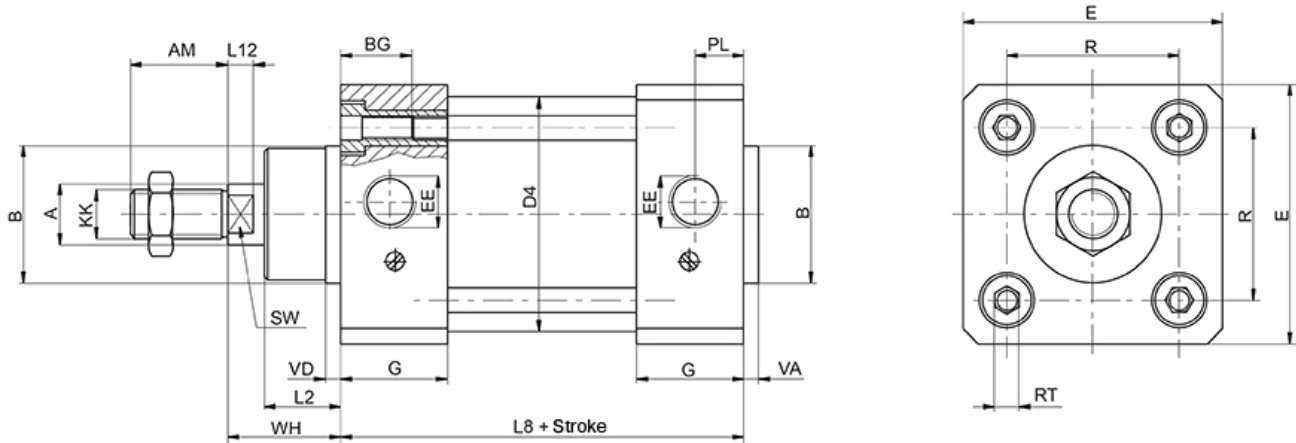
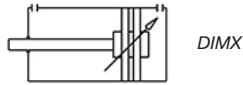


Ø [mm]	A	B	BA	BG	D2	E	EE	J2	J3	KK	L2
Ø32	22	30	30	16	6	48	G1/8	6,6	5,3	M10x1,25	18
Ø40	24	35	35	16	6	52	G1/4	8,5	5	M12x1,25	22
Ø50	32	40	40	16	8	65	G1/4	8	6	M16x1,5	25,5
Ø63	32	45	45	16	8	75	G3/8	10	6,5	M16x1,5	26
Ø80	40	45	45	18	10	95	G3/8	8	8	M20x1,5	32
Ø100	40	55	55	18	10	115	G1/2	15	7	M20x1,5	38
Ø125	54	60	60	20	12	140	G1/2	13	7	M27x2	46

Ø [mm]	L7	L8+	MM	PL	RT	SW1	SW2	TG	VD	WH	WH+
Ø32	7,2	94	12	13	M6	10	17	32,5	5	26	26
Ø40	9,2	105	16	14	M6	13	19	38	5	30	30
Ø50	9	106	20	14	M8	17	24	46,5	6	37	37
Ø63	9,5	121	20	16	M8	17	24	56,5	6	37	37
Ø80	11	128	25	16	M10	22	30	72	7	46	46
Ø100	12	138	25	18	M10	22	30	89	7	51	51
Ø125	12	160	32	18	M12	27	41	110	10	65	65



Tie-rod Cylinder | ISO 15552 DIMX



Ø [mm]	A	AM	B	BG	E	EE	G	KK	L2	L8	L12	PL	R	RT	SW	VA	VD	WH
Ø160	40	72	65	24	182	G3/4	59	M36x2	38	180	12	27	140	M16	38	6	6	80
Ø200	40	72	75	24	222	G3/4	61	M36x2	55	180	12	35	175	M16	38	6	6	95

