



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperature

0 °C (-20 °C with dry air)
+ 80 °C



Adapter for sensors

EXF



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

SILICON
FREE



Sensors recommended

DF - DT

CHARACTERISTICS

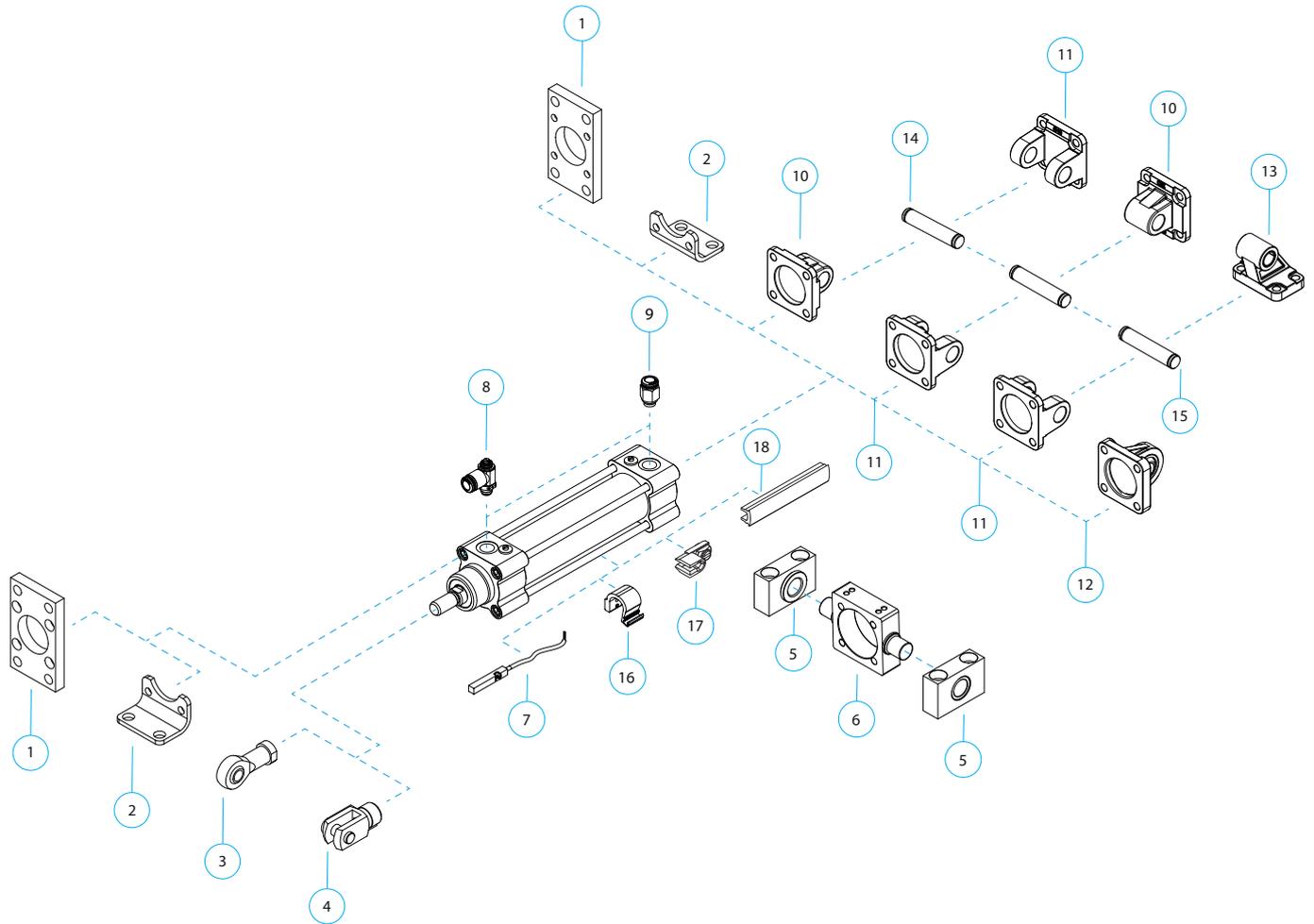
Fluids	Filtered and lubricated compressed air as well as non lubricated air
Piston rod	Stainless steel AISI 304/316
Rod seal	PU
Bush	Sinterized bronze
Front/rear head	Stainless steel AISI 304/316
Tube	Stainless steel AISI 304/316
Magnet	PBT+PTFE
Guide	Anodized Aluminium
Piston	Aluminium
Cushion	Pneumatic
Functioning	Double-acting cushioned magnetic Single or through piston rod.



Series	Ø mm	Stroke	Special version
V H I	0 3 2	0 0 2 5	V S
<p>▲ VHI Double Acting Cushioned Magnetic (AISI 304)</p> <p>▲ VLI Double Acting Cushioned Magnetic with Double Rod End (AISI 304)</p> <p>On request</p> <p>▲ VHJ Double Acting Cushioned Magnetic (AISI 316) (On request)</p>	<p>032</p> <p>040</p> <p>050</p> <p>063</p> <p>080</p> <p>100</p> <p>125</p>	<p>0025</p> <p>0050</p> <p>0075</p> <p>0080</p> <p>0100</p> <p>0125</p> <p>0150</p> <p>0160</p> <p>0200</p> <p>0250</p> <p>0300</p>	<p>0320</p> <p>0350</p> <p>0400</p> <p>0450</p> <p>0500</p> <p>0600</p> <p>0700</p> <p>0800</p> <p>0900</p> <p>1000</p> <p>VS Only Rod Seals in FKM V All FKM seals</p>

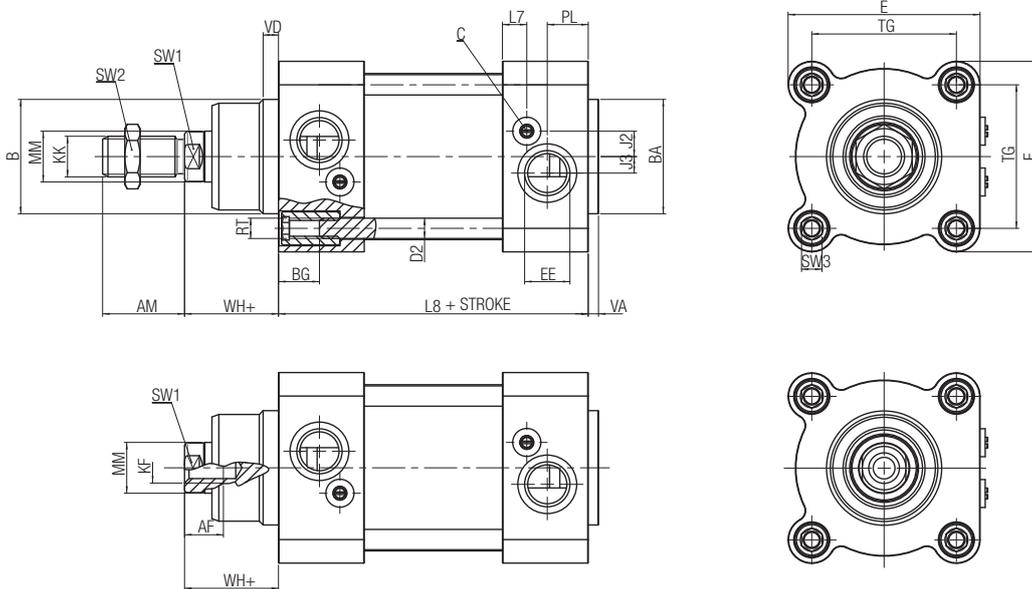
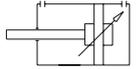
Intermediate or higher strokes are available upon request. Maximum stroke 2700 mm.

FIXING ELEMENTS AND ACCESSORIES - SERIES V



1	FLANGE - VFLI
2	LOW-RISE PEDESTAL - VCP1
3	FORK WITH ANGLED JOINT PIN - TFI
4	FORK WITH IN-LINE JOINT PIN - FCI
5	SUPPORT FOR INTERMEDIATE HINGE - VSI
6	FRONT - REAR HINGE - VCNF
7	MAGNETIC SWITCHES DT - DF
8	FLOW REGULATOR
9	PUSH IN FITTINGS
10	MALE CLEVIS WITH SELF-LUBRICATING BUSHES - VCM1
11	FEMALE HINGE WITH SELF-LUBRICATING BUSHES - VCF1
12	NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K - ALUMINIUM - VCSI
13	SQUARE JOINT - VASI
14	PIN WITH SEEGER - VPE1
15	PIN ANTI-ROTATION FOR NARROW FEMALE HINGE VCD - VPS1
16	BRACKET FOR SENSORS FOR CYLINDERS WITH TIE RODS - EXF
17	CABLE CLAMPING FOR DF SENSOR
18	DHF COVERING STRIP

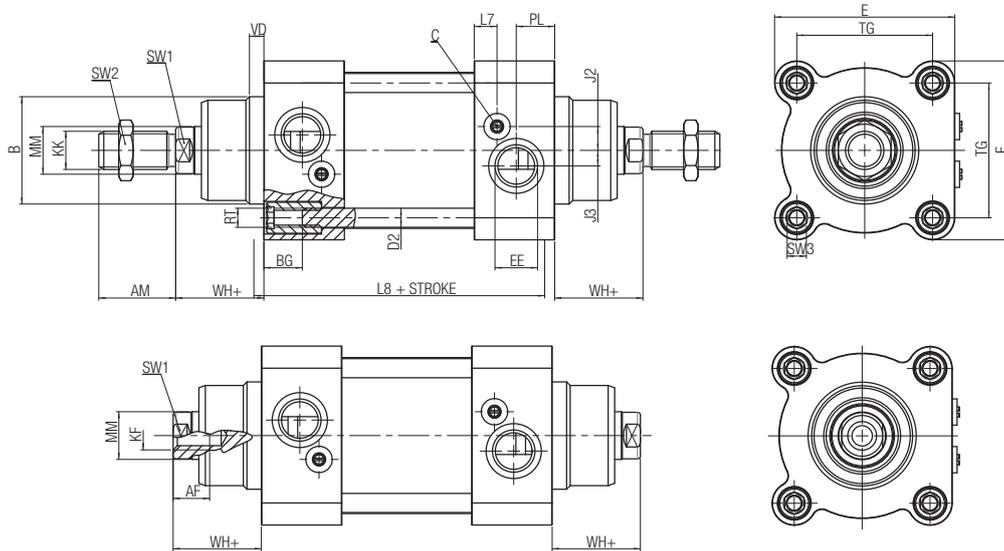
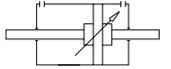
VHI - DOUBLE ACTING CUSHIONED MAGNETIC



Ø	AM	AF	ØB(d11)	ØBA (d11)	BG	ØD2	E	EE	J2	J3	KF	KK	L2	L7	L8+	ØMM	PL	RT	SW1	SW2	SW3	TG	VA	VD	WH
32	22	12	30	30	16	6	48	G1/8"	6.6	5.3	M6	M10x1.25	18	7.2	94	12	13	M6	10	17	6	32.5	4	5	26
40	24	12	35	35	16	6	52	G1/4"	8.5	5	M8	M12x1.25	22	9.2	105	16	14	M6	13	19	6	38	4	5	30
50	32	16	40	40	16	8	65	G1/4"	8	6	M8	M16x1.5	25.5	9	106	20	14	M8	17	24	8	46.5	4	6	37
63	32	16	45	45	16	8	75	G3/8"	10	6.5	M10	M16x1.5	26	9.5	121	20	16	M8	17	24	8	56.5	4	6	37
80	40	20	45	45	18	10	95	G3/8"	8	8	M10	M20x1.5	32	11	128	25	16	M10	22	30	10	72	4	7	46
100	40	20	55	55	18	10	115	G1/2"	15	7	M12	M20x1.5	38	12	138	25	18	M10	22	30	10	89	4	7	51
125	54	32	60	60	20	12	140	G1/2"	13	7	M16	M27x2	46	12	160	32	18	M12	27	41	-	110	6	10	65

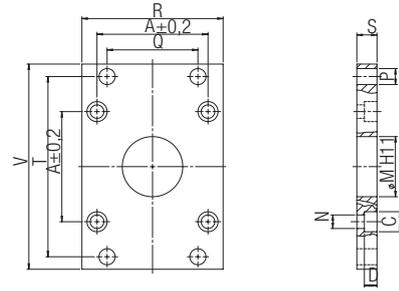
+ = Add Stroke

VLI - DOUBLE ACTING CUSHIONED MAGNETIC WITH DOUBLE ROD END



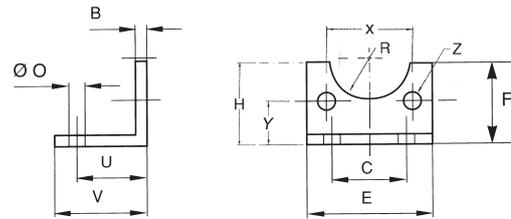
Ø	AM	AF	ØB(d11)	BG	ØD2	E	EE	J2	J3	KF	KK	L2	L7	L8+	ØMM	PL	RT	SW1	SW2	SW3	TG	VA	VD	WH	WH+
32	22	12	30	16	6	48	G1/8"	6.6	5.3	M6	M10x1.25	18	7.2	94	12	13	M6	10	17	6	32.5	4	5	26	26
40	24	12	35	16	6	52	G1/4"	8.5	5	M8	M12x1.25	22	9.2	105	16	14	M6	13	19	6	38	4	5	30	30
50	32	16	40	16	8	65	G1/4"	8	6	M8	M16x1.5	25.5	9	106	20	14	M8	17	24	8	46.5	4	6	37	37
63	32	16	45	16	8	75	G3/8"	10	6.5	M10	M16x1.5	26	9.5	121	20	16	M8	17	24	8	56.5	4	6	37	37
80	40	20	45	18	10	95	G3/8"	8	8	M10	M20x1.5	32	11	128	25	16	M10	22	30	10	72	4	7	46	46
100	40	20	55	18	10	115	G1/2"	15	7	M12	M20x1.5	38	12	138	25	18	M10	22	30	10	89	4	7	51	51
125	54	32	60	20	12	140	G1/2"	13	7	M16	M27x2	46	12	160	32	18	M12	27	41	-	110	6	10	65	65

FIXING ELEMENTS AND ACCESSORIES SERIES V - CYLINDERS STAINLESS STEEL ISO 15552

VFLI - FLANGE


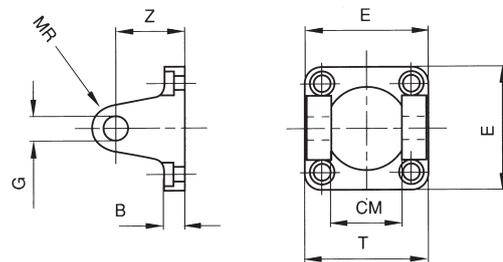
Code	Ø	Ø M	P	S	D	C	N	A	Q	R	T	V
VFLI 032	32	30	7	10	5	10.5	6.5	32.5	32	45	64	80
VFLI 040	40	35	9	10	5	11	6.5	38	36	52	72	90
VFLI 050	50	40	9	12	5.5	15	8.5	46.5	45	65	90	110
VFLI 063	63	45	9	12	5.5	15	8.5	56.5	50	75	100	120
VFLI 080	80	45	12	16	8	18	10.5	72	63	95	126	150
VFLI 100	100	55	14	16	8	18	10.5	89	75	115	150	170

Material: Stainless steel
SCREW: DIN912

VCP - LOW-RISE PEDESTAL


Code	Ø	B	C	E	F	O	U	V	R	Z	X	Y	H
VCPI 032	32	4	32	45	30	7	24	35	15	7	32.5	15.75	32
VCPI 040	40	4	36	52	30	9	28	36	17.5	7	38	17	36
VCPI 050	50	5	45	65	36	9	32	47	20	9	46.5	21.75	45
VCPI 063	63	5	50	75	35	9	32	45	22.5	9	56.5	21.75	50
VCPI 080	80	6	63	95	47	12	41	55	22.5	11	72	27	63
VCPI 100	100	6	75	115	53	14	41	57	27.5	11	89	26.5	71
VCPI 125	125	8	90	140	70	16	45	70	30	14	110	35	90

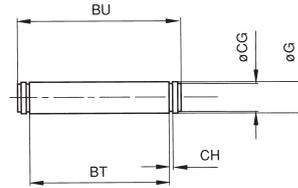
Material: Stainless steel

VCFI - FEMALE HINGE


Code	Ø	B	E	G	T	Z	CM	MR
VCFI 032	32	9	45	10	45	22	26	10
VCFI 040	40	9	52	12	52	25	28	12
VCFI 050	50	11	65	12	60	27	32	12
VCFI 063	63	11	75	16	70	32	40	16
VCFI 080	80	14	95	16	90	36	50	16
VCFI 100	100	14	115	20	110	41	60	20
VCFI 125	125	20	140	25	130	50	70	25

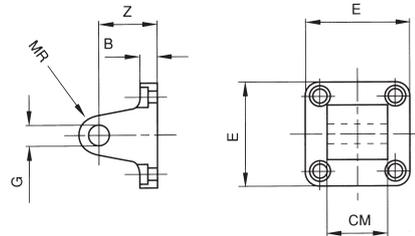
Material: Stainless steel

* With self-lubricating bushes

FIXING ELEMENTS AND ACCESSORIES SERIES V - CYLINDERS STAINLESS STEEL ISO 15552
VPEI - PIN WITH SEEGER


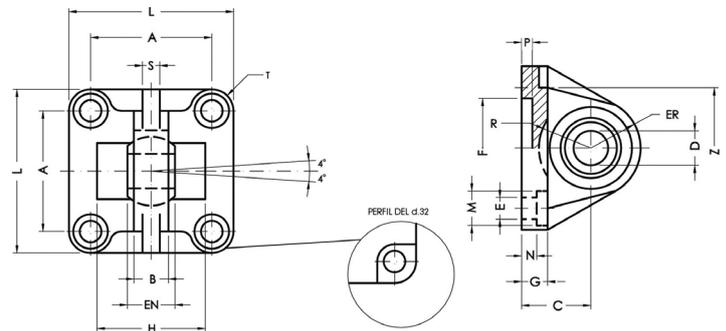
Code	Ø	G	BT	BU	CG	CH
VPEI 032	32	10	46	53	9.6	1.1
VPEI 040	40	12	53	60	11.5	1.1
VPEI 050	50	12	61	68	11.5	1.1
VPEI 063	63	16	71	78	15.2	1.1
VPEI 080	80	16	91	98	15.2	1.1
VPEI 100	100	20	111	118	19	1.3
VPEI 125	125	25	132	139	23.9	1.3

Material: Stainless steel

VCMI - MALE CLEVIS


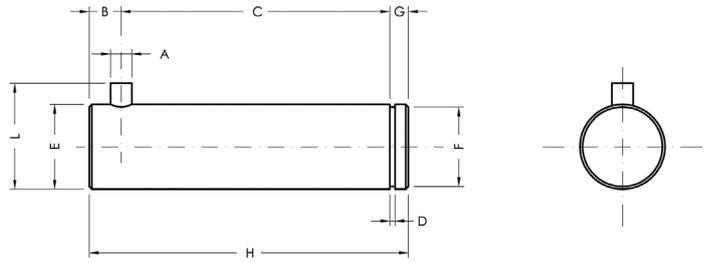
Code	Ø	B	E	G	Z	CM	MR
VCMI 032	32	9	45	10	22	26	10
VCMI 040	40	9	52	12	25	28	12
VCMI 050	50	11	65	12	27	32	12
VCMI 063	63	11	75	16	32	40	16
VCMI 080	80	14	95	16	36	50	16
VCMI 100	100	14	115	20	41	60	20
VCMI 125	125	20	140	25	50	70	25

Material: Stainless steel

VCSI - NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K


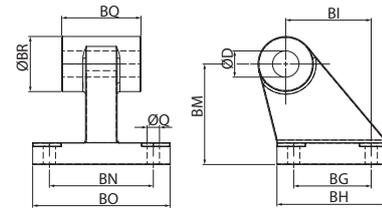
Code	Ø	A	B	C	D	EN	ER	F	G	E	L	M	N	P	H	R	S	Z	T
VCSI 032	32	32.5	10.5	22	10	14	16	30	9	6.6	45	11	5.5	5	-	-	4	32.5	6.25
VCSI 040	40	38	12	25	12	16	19	35	9	6.6	52	11	5.5	5	-	-	6	39	7
VCSI 050	50	46.5	15	27	16	21	21	40	11	9	65	15	6.5	5	51	18	8	47	9.25
VCSI 063	63	56.5	15	32	16	21	24	45	11	9	75	15	6.5	5	-	-	8	52	9.25
VCSI 080	80	72	18	36	20	25	28.5	45	14	11	95	18	10	5	72	24	10	67	11.5
VCSI 100	100	89	18	41	20	25	30	55	14	11	115	18	10	8	-	-	10	77	13
VCSI 125	125	110	25	50	30	37	40	60	20	13.5	140	20	10	7	-	-	13	98	15

Material: Stainless steel

FIXING ELEMENTS AND ACCESSORIES SERIES V - CYLINDERS STAINLESS STEEL ISO 15552
VPSI - PIN ANTI-ROTATION FOR NARROW FEMALE HINGE VCD


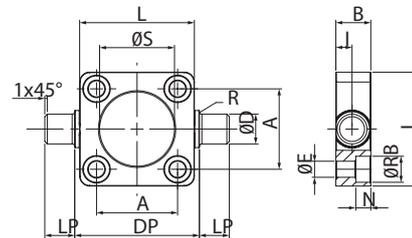
Code	Ø	A	C	D	E	F	G	H	L	B
VPSI 032	32	3	32.5	1.1	10	9.6	4	41	14	4.5
VPSI 040	40	4	38	1.1	12	11.5	4	48	16	6
VPSI 050	50	4	43	1.1	16	15.2	5	54	20	6
VPSI 063	63	4	49	1.1	16	15.2	5	54	20	6
VPSI 080	80	4	63	1.3	20	19	6	75	24	6
VPSI 100	100	4	73	1.3	20	19	6	85	24	6
VPSI 125	125	6	94	1.6	30	28.6	7	110	36	9

Material: Stainless steel

VASI - SQUARE JOINT


Code	Ø	Q	BG	BH	BI	BM	BN	BO	BQ	BR	ØD
VASI 032	32	6.6	18	31	21	32	38	51	26	20	10
VASI 040	40	6.6	22	35	24	36	41	54	28	22	12
VASI 050	50	9	30	45	33	45	50	65	32	26	12
VASI 063	63	9	35	50	37	50	52	67	40	30	16
VASI 080	80	11	40	60	47	63	66	86	50	30	16
VASI 100	100	11	50	70	55	71	76	96	60	38	20
VASI 125	125	14	60	90	70	90	94	124	70	45	25

Material: Stainless steel

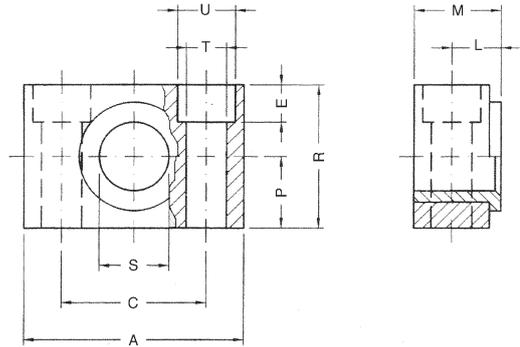
VCNF - FRONT - REAR HINGE


Code	Ø	A	L	DP	LP	D	S	B	R	I	E	RB	N	XV max
VCNF 032	32	32,5	46	50	12	12	30	14	1	6,5	6,5	10,5	6	84,5
VCNF 040	40	38	59	63	16	16	35	19	1,5	9	6,5	10,5	6	93,5
VCNF 050	50	46,5	69	75	16	16	40	19	1,6	9	8,5	13,5	8	101,5
VCNF 063	63	56,5	84	90	20	20	45	24	1,6	11,5	8,5	13,5	8	110,5
VCNF 080	80	72	102	110	20	20	45	24	1,6	11,5	10,5	16,5	10	125,5
VCNF 100	100	89	125	132	25	25	55	29	2	14	10,5	16,5	10	133,5
VCNF 125	125	110	150	160	25	25	60	30	2	15	13,5	20	12	163

Material: steel

FIXING ELEMENTS AND ACCESSORIES SERIES V - CYLINDERS STAINLESS STEEL ISO 15552

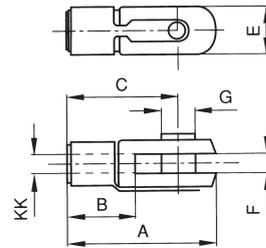
VSI - INTERMEDIATE HINGE SUPPORT



Code	Ø	A	M	R	P	C	S	L	U	T	E
VSI 032	32	46	18	30	15	32	12	10.5	11	6.6	7
VSI 040	40 - 50	55	21	36	18	36	16	12	15	9	9
VSI 063	63 - 80	65	23	40	20	42	20	13	18	11	11
VSI 100	100 - 125	75	28.5	50	25	50	25	16	20	14	13

Material: Steel / Suggested for VCNT - XCN - VCNL - VCNF

FC - YOKE WITH LOCABLE PIN

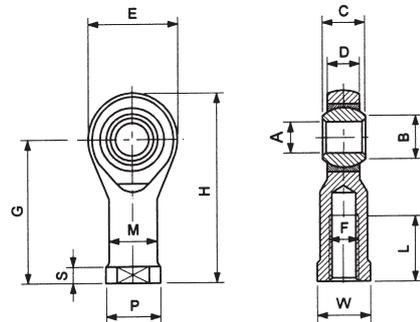


Code	KK	A	B	C	E	F	G
* FCI 025	M10x1.25	52	20	40	20	10	10
* FCI 040	M12x1.25	62	24	48	24	12	12
* FCI 050	M16x1.5	83	32	64	32	16	16
* FCI 080	M20x1.5	105	40	80	40	20	20
* FCI 125	M27x2	148	56	110	55	30	30

Material: Stainless steel

* With pin and seeger

TF - ROD ENDS SELF-LUBRICATING



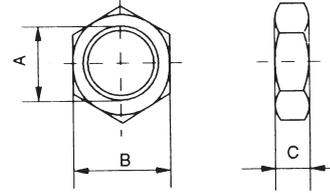
Code	F	A	B	C	Spera	D	E	G	H	L	M	P	S	W	Carico radiale D S	Peso	
	0 H7	0	0	0 -0.13		±0.13	±0.5	±0.5		±0.7	±0.7	±0.5	±0.7	±0.25	kg kg	g	
TFI 025	M10x1,25	10	12.9	14	19.05	11.5	30	43	58	15	15	19	6.5	16	1.200	3.100	88
TFI 040	M12x1,25	12	15.4	16	22.23	12.5	34	50	67	18	17.5	22	6.5	18	1.400	3.700	120
TFI 050	M16x1,5	16	19.3	21	28.58	15.5	42	64	85	24	22	27	8	24	2.500	6.300	240
TFI 080	M20x1,5	20	24.4	25	34.93	18.5	50	77	102	30	27.5	34	10	30	3.700	8.300	430
TFI 125	M27x2	28	32.3	35	47.59	26	66	103	136	41	37	46	14	41	7.100	14.200	1.120

Material: Stainless steel

D Dynamic; S Static

FIXING ELEMENTS AND ACCESSORIES SERIES V - CYLINDERS STAINLESS STEEL ISO 15552

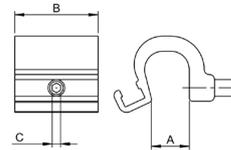
DAI2 - NUT FOR RODS



Code	A	B	C
ODA00 00 43 C9 00	M10x1.25	17	8
ODA00 00 43 E3 00	M12x1.25	19	7
ODA00 00 43 D5 00	M16x1.5	22	6
ODA00 00 43 F2 00	M20x1.5	30	9

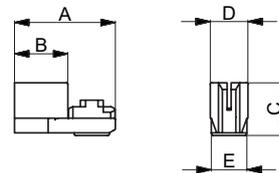
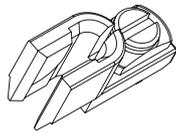
Material: Stainless steel

EXF - BRACKET FOR DSL - DSH - DT SENSORS



Code	Ø	A	B	C
EXF032	32 - 40	7.5	25	2
EXF050	50 - 63	11.3	25	2.5
EXF080	80 - 100 - 125	15.3	25	2.5

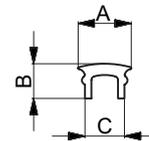
DF - SENSOR WIRE GUIDE CABLE CLAMP



Code	A	B	C	D	E
DF-001	15	7,8	7,9	5,8	5,5

Material: Polycarbonate body - chrome-plated steel screw

DHF - DF SENSOR WIRE COVER STRIP



Code	A	D	E
DHF-002010	7	4,6	5,2

Material: Pvc