

RQ - COMPACT CYLINDERS STRONG ANTI-ROTATION ISO 21287



Pressures

1,5 bar (0.15 MPa)
10 bar (1 MPa)



Reference Standard

ATEX
2014/34/UE



Temperature

-20 °C
+ 80 °C



Sensors recommended

DF - DT

CHARACTERISTICS

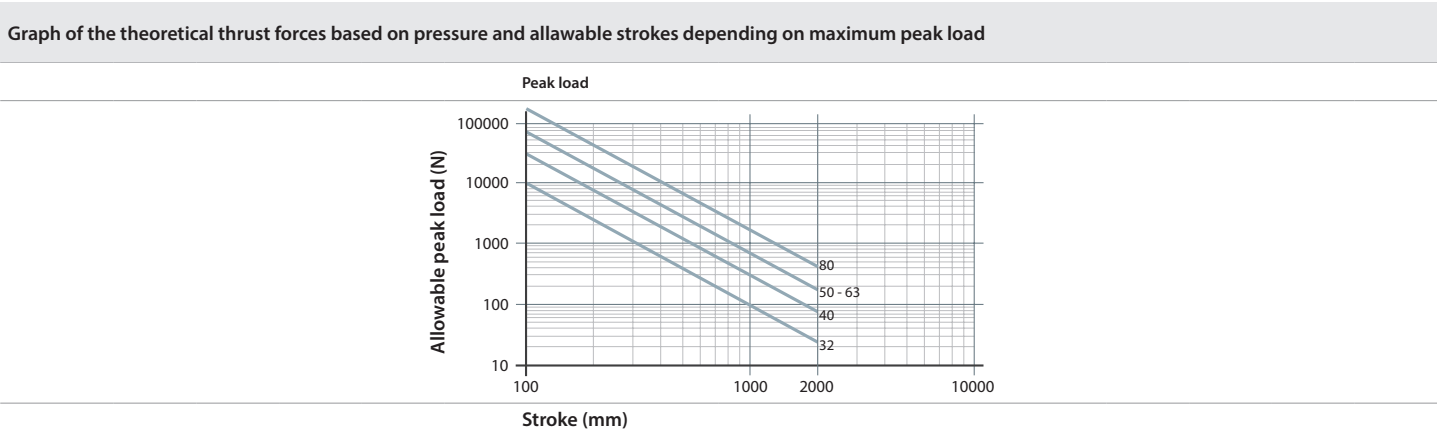
Fluid	filtered air, with or without lubrication
End-caps	die-cast aluminium
Barrel	anodized aluminium
Piston	aluminium
Guide slide	acetalic resin
Piston rod	chromium-plated steel, stainless steel on request
Piston seal	NBR
Guide bush for piston rod	acetalic resin
Shock absorber seals	NBR
Cushionings	adjustable on both sides (Original Univer standard)
Magnet	plasto-ferrite (standard)
Other available versions	tandem, two-position tandem, opposed tandem, with common piston rod (On request)



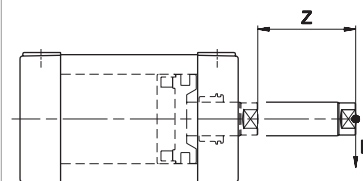
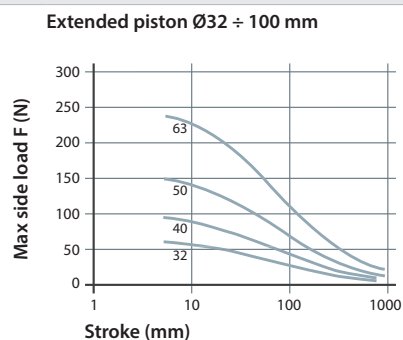
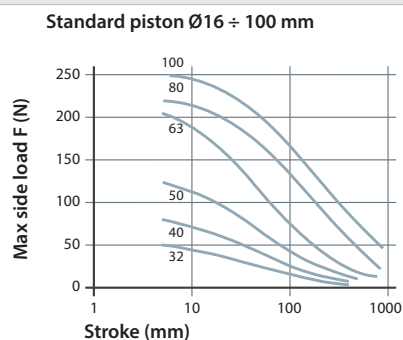
Series	Type	Version	Bore (mm)	Stroke (mm)	Option (mm)
R Q	2	0 0	0 3 2	0 0 2 5	
RQ Compact Cylinders STRONG Ø 32 ÷ Ø 63 mm - Octagonal tube	2 Chromium-plated steel female piston rod On request 1 Stainless steel female piston rod Stainless steel con flange	00 = D.E. Standard version 01 = D.E. Through piston rod 20 = D.E. Long piston Meaning D.E. = Double action S.E. = Single action	032 = Ø32 040 = Ø40 050 = Ø50 063 = Ø63	Double acting 0005 - 0010 - 0015 - 0020 - 0025 - 0030 - 0040 - 0050 - 0060 - 0080 Max standard stroke 0080 Max stroke with long piston (On request) (Ø32 Ø40) 0800 (Ø50 Ø63) 1000	H Hollow piston rod only for through piston rod versions without flange G Preset for locking unit only for D.A. cylinders with chromium-plated steel piston rod L Piston Rod Lock L1-N

Stroke tolerances		
Ø	mm²	Nm
32	+ 2-0	2
40	+ 2-0	3
50	+ 2-0	5
63	+ 2,5-0	8

Theoretical forces(N) - at different working pressure (bar)												
Ø	Surface area		Working pressure					Working pressure				
	mm²		bar					bar				
	Thrust	Traction	Thrust					Traction				
			2	4	6	8	10	2	4	6	8	10
32	804	691	161	322	482	643	804	138	276	414	553	691
40	1256	1056	251	502	754	1005	1256	211	422	633	844	1055
50	1962	1649	393	785	1178	1570	1963	330	660	990	1320	1650
63	3116	2802	623	1246	1869	2493	3116	560	1120	1680	2240	2800



Theoretical forces of spring traction for single-acting cylinder				
Ø	Max force	Min. force	Max stroke	Decrease per mm stroke
	N	N	mm	N/mm
32	40	24	25	0,64
40	50	35	25	0,6
50	90	49	25	1,64
63	90	49	25	1,64

Graph side load on piston rod


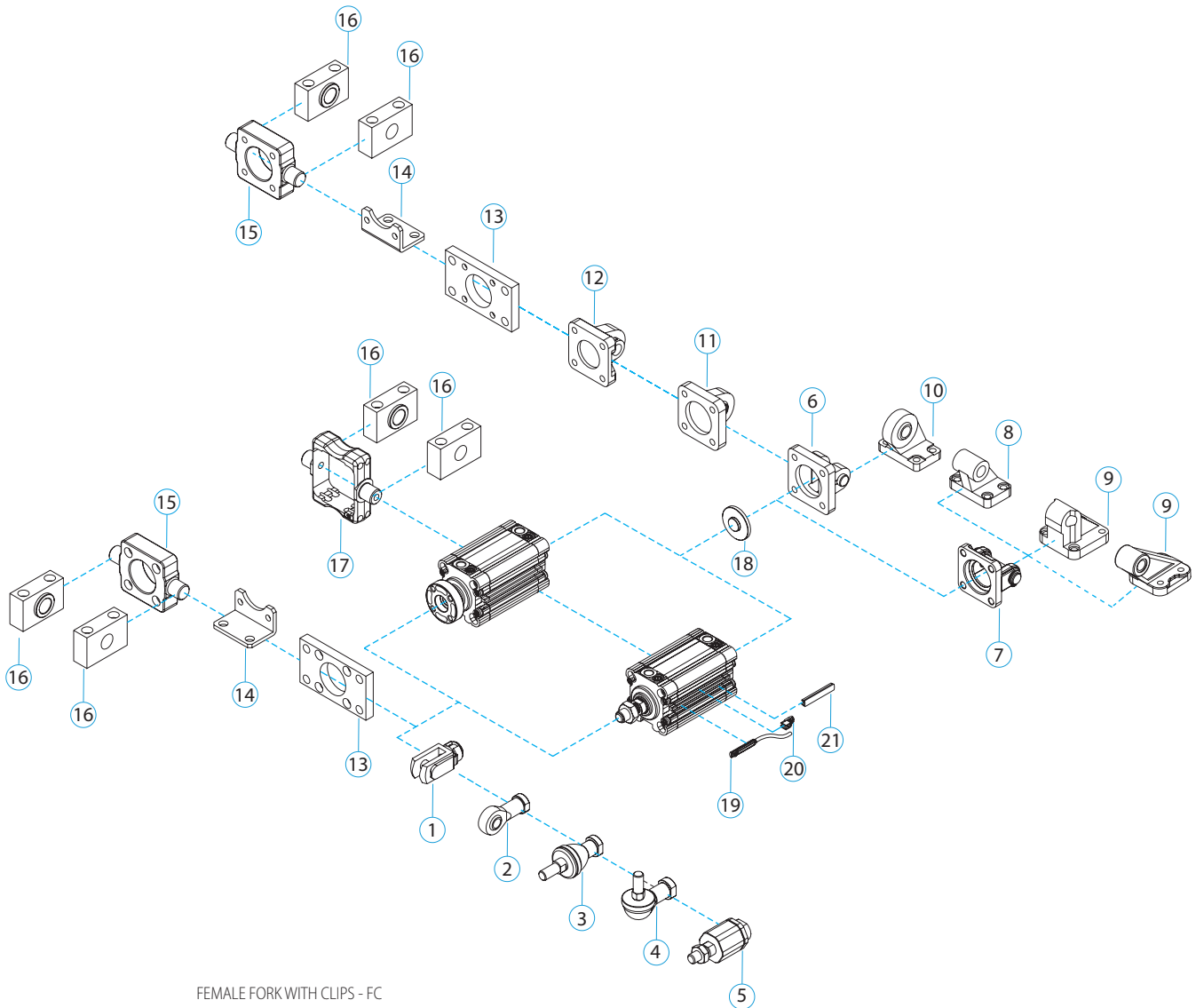
Z = Stroke
F = Force

Mass - non-rotating guided piston rod cylinder RQ200 and long piston RQ220

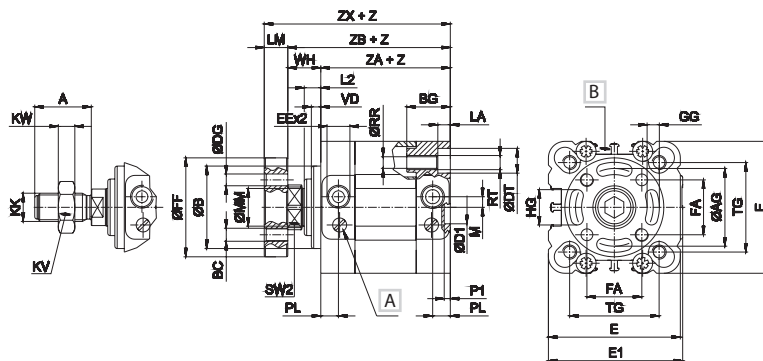
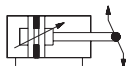
Ø	Cylinder stroke 0 Standard g	Cylinder stroke 0 Long piston g	Increase per mm stroke g	Moving element stroke 0 Standard g	Moving element stroke 0 Long piston g	Increase per mm stroke g
	RQ200	RQ220	RQ200/220	RQ200	RQ220	RQ200/220
32	240	326,5	2,65	94	146,5	0,9
40	386	522	4	148,5	237	1,6
50	587	839	5,6	247	397	2,5
63	894	1249,5	6,55	354	583	2,5

Mass - non rotating guided through piston rod cylinder RQ201

Ø	Cylinder stroke 0	Increase per mm stroke	Moving element stroke 0	Increase per mm stroke
	g	g	g	g
	RQ201	RQ201	RQ201	RQ201
32	270	3,55	3,55	1,8
40	431	5,6	5,6	3,2
50	663	8,1	8,1	5
63	969	9,05	9,05	5

FIXING ELEMENTS AND ACCESSORIES - SERIES RQ


1	FEMALE FORK WITH CLIPS - FC
2	ARTICULATED SELF-LUBRICATING FORK - TF
3	FORK WITH AXIALLY MOUNTED ARTICULATED PIN - TS
4	FORK WITH ANGLE MOUNTED ARTICULATED PIN - KF23
5	FLOATING JOINT - KF24
6	FEMALE REAR HINGE WITH PIN - VCF
7	NARROW FEMALE HINGE WITH PIN - VCH
8	COUNTER HINGE 90° (CETOP) - VAS
9	COUNTER HINGE 90° / COUNTER HINGE 90° (CROMO) - KF19
10	ARTICULATED COUNTER HINGE - VADZ
11	ARTICULATED REAR MALE HINGE - QCM
12	REAR MALE HINGE - VCM
13	FRONT/REAR FLANGE - VFL / QFC
14	ANGLE BRACKET - QCP / VCP
15	FRONT/REAR HINGE WITH FLOATING PIN - VCNL
16	HINGE SUPPORT - VSI
17	ISO INTERMEDIATE HINGE - KDF14 / RPF14
18	CENTERING ADAPTOR RING - RSF28
19	DF SENSOR - DT
20	CABLE CLAMPING FOR DF SENSOR - DT
21	DHF COVERING STRIP

Double acting standard RQ Ø 32 ÷ 63


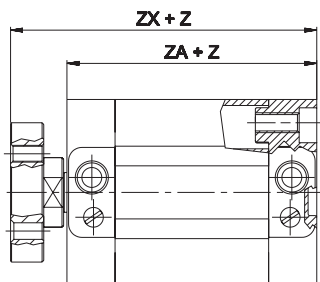
Ø	A	AG	B	BC	BG	DG	DT	D1	E	EE	E1	FA	FF	GG	HG	KK	KV	KW
	H11																	
32	22	28	30	M5	18	5	9	14	46	G1/8	47	19,8	37	5,2	11	M10x1,25	17	6
40	24	33	35	M5	18	5	9	14	56	G1/8	57	23,3	42	5,2	15	M12x1,25	19	6
50	32	42	40	M6	24	6	11	18	66	G1/8	67	29,7	52	6,2	19	M16x1,5	24	7
63	32	50	45	M6	24	6	11	18	79	G1/8	80	35,4	64	6,2	25	M16x1,5	24	7

Ø	LA	LM	LW	L2	M	MM	PL	P1	RR	RT	SW	SW2	TG	VD	WH	ZA	ZB	ZX
32	5,3	10	5	7	4,5	12	7,5	2,5	5,2	M6	10	17	32,5	4	14	44	58	68
40	5,3	10	5	7	4,5	16	7,5	2,5	5,2	M6	13	19	38	4	14	45	59	69
50	6,5	12	6	10	6,5	20	7,5	2,5	6,5	M8	17	24	46,5	5	18	45	63	75
63	6,5	12	6	10	6,5	20	7,5	2,5	6,5	M8	17	24	56,5	5	18	50	68	80

Z = Stroke

A. Pneumatic cushioning adjusting screw

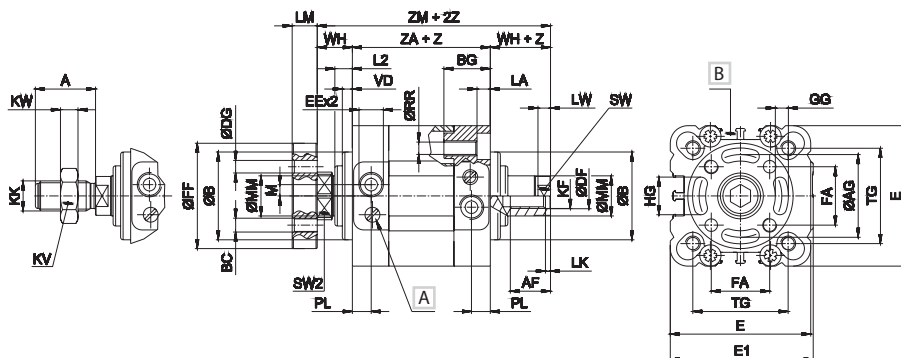
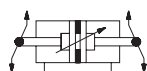
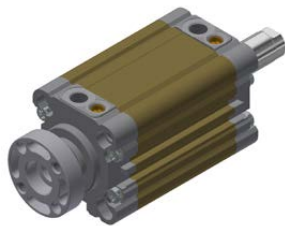
B. Groove for sensor

Long piston RQ Ø 32 ÷ 63


Ø	ZA	ZX
32	64	88
40	65	89
50	70	100
63	75	105

Z = Stroke

For cylinder types with long piston, dimensions ZA - ZB - ZX will be increased by 20 mm (Ø32 - Ø40 mm) and by 25 mm (Ø50 - Ø63 mm)

Double acting through piston rod RQ Ø 32 ÷ 63


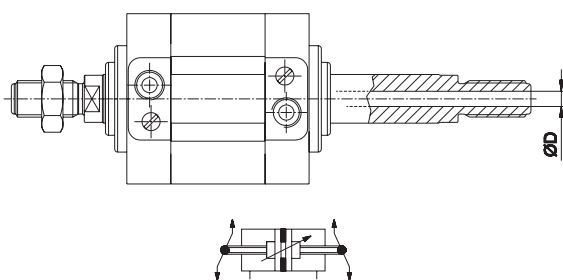
Ø	A	AF	AG	B	BC	BG	DF	DG	E	EE	E1	FA	FF	GG	HG	KF	KK
32	22	12	28	30	M5	18	8,2	5	46	G1/8	47	19,8	37	5,2	11	M8	M10x1,25
40	24	16	33	35	M5	18	10,2	5	56	G1/8	57	23,3	42	5,2	15	M10	M12x1,25
50	32	20	42	40	M6	24	12,2	6	66	G1/8	67	29,7	52	6,2	19	M12	M16x1,5
63	32	20	50	45	M6	24	12,2	6	79	G1/8	80	35,4	64	6,2	25	M12	M16x1,5

Ø	KV	KW	LA	LK	LM	LW	L2	M	MM	PL	RR	SW	SW2	TG	VD	WH	ZA	ZM
32	17	6	5,3	2	10	5	7	4,5	12	7,5	5,2	10	17	32,5	4	14	44	72
40	19	6	5,3	2	10	5	7	4,5	16	7,5	5,2	13	19	38	4	14	45	73
50	24	7	6,5	2	12	6	10	6,5	20	7,5	6,5	17	24	46,5	5	18	45	81
63	24	7	6,5	2	12	6	10	6,5	20	7,5	6,5	17	24	56,5	5	18	50	86

Z = Stroke

A. Pneumatic cushioning adjusting screw

B. Groove for sensor

Male hollow through piston rod RQ Ø 32 ÷ 63


Ø	D
32	3,5
40	3,5
50	4,5
63	4,5

Z = Stroke

Ø16 ÷ 25 Max stroke 50 mm Ø32 ÷ 63 Max stroke 75 mm.

For all other dimensions please refer to the through piston rod version. Female hollow through piston rod upon request

CYLINDERS ISO 21287 WITH LOCKING UNIT L1-N

Reference Standard

ATEX
2014/34/UE


Pressures

4 bar (0.4 MPa)
10 bar (1 MPa)


Temperature

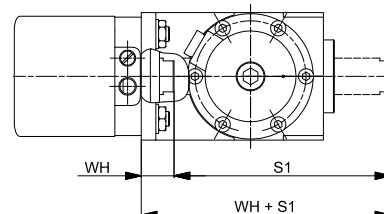
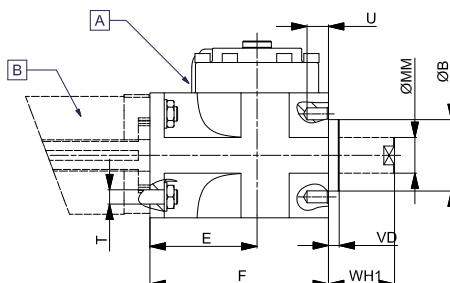
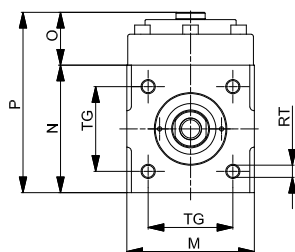
-20 °C
+ 80 °C

CHARACTERISTICS

Fluid	Filtered air, with or without lubrication
Body	Die-cast aluminum
Cover	Die-cast aluminum
Piston	Aluminum
Seals	NBR
Springs	Special steel



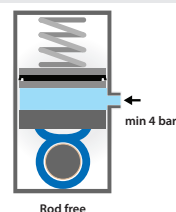
Series	Bore (mm)	Piston rod bore (mm)	Option
L 1 N	0 6 3	2 0	☐
L1-N Locking unit for cylinders and piston rods	032 = Ø032 040 = Ø040 050 = Ø050 063 = Ø063 080 = Ø080 100 = Ø100	Ø12 Ø20 Ø16 Ø25	k Metallic piston rod scraper on request

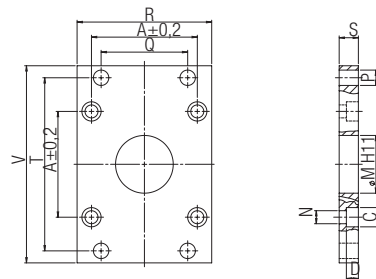
L1 N - LOCKING BLOCK Ø 32 - Ø 100


A - G1/8 pneumatic release

B - STRONG cylinder

Ø	Ø Rod (mm)	B	RT	E	F	M	MM	N	O	P	TG	S1	S2	U	T	VD	WH	WH1
32	12	30	M6	54,5	84	50	12	50	29,5	79,5	32,5	82	-	10	6,5	6	14	26
40	16	35	M6	58	90	58	16	58	29,5	87,5	38	90	-	9	6,5	6	14	30
50	20	40	M8	60	100	70	20	70	29	99	46,5	100	-	10	8,5	6	18	37
63	20	45	M8	65	110	85	20	85	37	122	56,5	110	-	13	8,5	6	18	37
80	25	45	M10	75	125	100	25	100	40,5	140,5	72	125	-	16	10,5	8	32	46
100	25	55	M10	90	152	116	25	116	59	179	89	152	-	18	10,5	8	32	51

LOCKING UNIT WITH M8 INDUCTIVE POSITION SENSOR


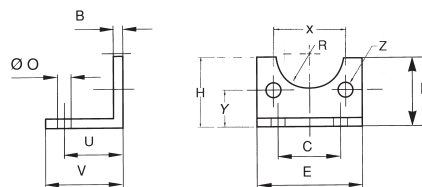
FIXING ELEMENTS AND ACCESSORIES - SERIES RQ
VFL - FLANGE


Code ●	Code ■	Ø	Ø M	P	S	D	C	N	A	Q	R	T	V
VFL 032	VFLI 032	32	30	7	10	5	10.5	6.5	32.5	32	45	64	80
VFL 040	VFLI 040	40	35	9	10	5	11	6.5	38	36	52	72	90
VFL 050	VFLI 050	50	40	9	12	5.5	15	8.5	46.5	45	65	90	110
VFL 063	VFLI 063	63	45	9	12	5.5	15	8.5	56.5	50	75	100	120

● Material: Steel

■ Material: Stainless steel

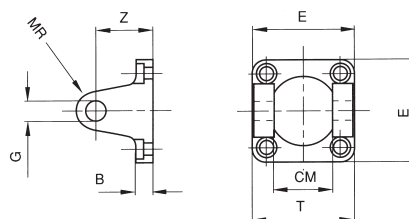
screw: din6912

VCP - LOW RISE PEDESTAL


Code ●	Code ■	Ø	B	C	E	F	O	U	V	R	Z	X	Y	H
VCP 032	VCPI 032	32	4	32	45	30	7	24	35	15	7	32.5	15.75	32
VCP 040	VCPI 040	40	4	36	52	30	9	28	36	17.5	7	38	17	36
VCP 050	VCPI 050	50	5	45	65	36	9	32	47	20	9	46.5	21.75	45
VCP 063	VCPI 063	63	5	50	75	35	9	32	45	22.5	9	56.5	21.75	50

● Material: Steel

◆ Material: Stainless steel

VCF - FEMALE HINGE


Code ●	Code ■	Ø	B	E	G	T	Z	CM	MR
* VCF 032	VCFI 032	32	9	45	10	45	22	26	10
* VCF 040	VCFI 040	40	9	52	12	52	25	28	12
* VCF 050	VCFI 050	50	11	65	12	60	27	32	12
* VCF 063	VCFI 063	63	11	75	16	70	32	40	16

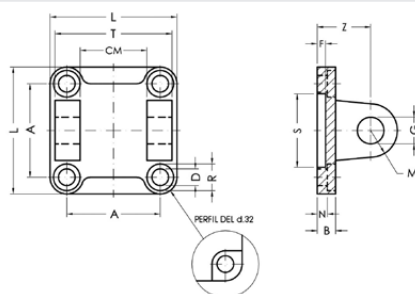
● Material: Aluminium

■ Material: Stainless steel

* With self-lubricating bushes

FIXING ELEMENTS AND ACCESSORIES - SERIES RQ

VCH - FEMALE CLEVIS BRACKET

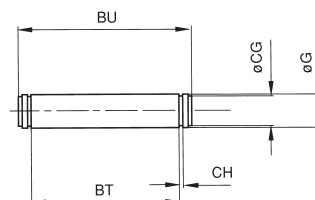


Code	Code ♦	Ø	A	L	D	R	N	B	S	F	Z	G	M	CM	T
VCH 032	VCHZ 032 NE	32	32.5	45	6.6	11	5.5	9	30	5	22	10	10	26	45
VCH 040	VCHZ 040 NE	40	38	52	6.6	11	5.5	9	35	5	25	12	12	28	52
VCH 050	VCHZ 050 NE	50	46.5	65	9	15	6.5	11	40	5	27	12	12	32	60
VCH 063	VCHZ 063 NE	63	56.5	75	9	15	6.5	11	45	5	32	16	16	40	70

- Material: Aluminium

◆ Material: Steel

VPE - PIN WITH SEEGER

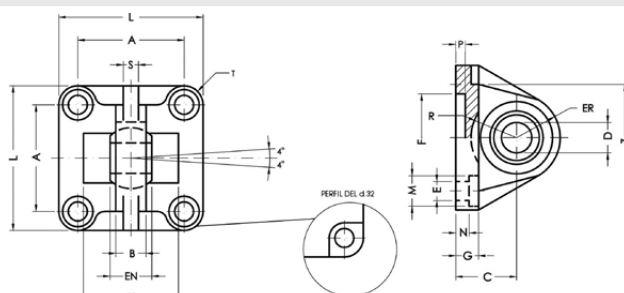


Code ●	Code ■	Ø	G	BT	BU	CG	CH
VPE 032	VPEI 032	32	10	46	53	9.6	1.1
VPE 040	VPEI 040	40	12	53	60	11.5	1.1
VPE 050	VPEI 050	50	12	61	68	11.5	1.1
VPE 063	VPEI 063	63	16	71	78	15.2	1.1

- Material: Steel

■ Material: Stainless steel

VCS - NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K

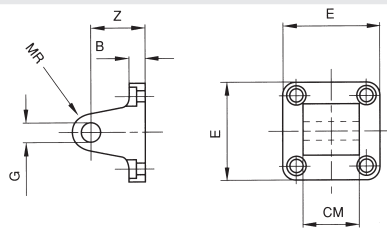


Code ●	Code ■	Code ◆	Ø	A	B	C	D	EN	ER	F	G	E	L	M	N	P	H	R	S	Z	T
VCS 032	VCSI 032	VCSZ 032 NE	32	32.5	10.5	22	10	14	16	30	9	6.6	45	11	5.5	5	-	-	4	32.5	6.25
VCS 040	VCSI 040	VCSZ 040 NE	40	38	12	25	12	16	19	35	9	6.6	52	11	5.5	5	-	-	6	39	7
VCS 050	VCSI 050	VCSZ 050 NE	50	46.5	15	27	16	21	21	40	11	9	65	15	6.5	5	51	18	8	47	9.25
VCS 063	VCSI 063	VCSZ 063 NE	63	56.5	15	32	16	21	24	45	11	9	75	15	6.5	5	-	-	8	52	9.25

- Material: Aluminium

- Material: Stainless steel

◆ Material: Steel

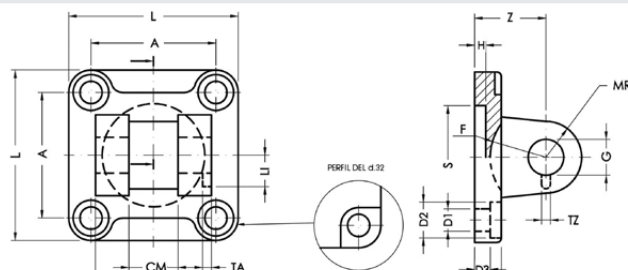
FIXING ELEMENTS AND ACCESSORIES - SERIES RQ
VCM - MALE CLEVIS


Code ●	Code ■	Code ◆	Ø	B	E	G	Z	CM	MR
VCM 032	VCMI 032	VCMZ 032 NE	32	9	45	10	22	26	10
VCM 040	VCMI 040	VCMZ 040 NE	40	9	52	12	25	28	12
VCM 050	VCMI 050	VCMZ 050 NE	50	11	65	12	27	32	12
VCM 063	VCMI 063	VCMZ 063 NE	63	11	75	16	32	40	16

● Material: Aluminium with self-lubricating bushes

■ Material: stainless steel

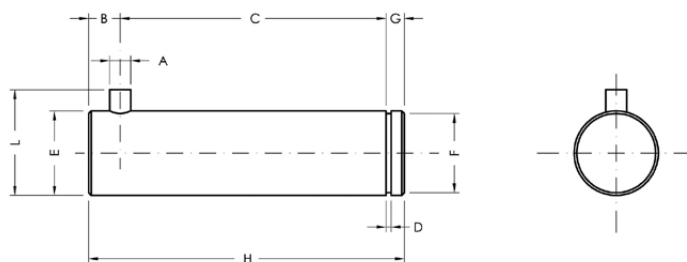
◆ Material: steel

VCD - NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K


Code ●	Code ◆	Ø	L	T	CM	A	Z	H	B	D3	S	G	MR	D1	D2	TA	TZ	LI	F
VCD 032	VCDZ 032 NE	32	45	34	14	32.5	22	5	9	5.5	30	10	10	6.6	11	3	3.3	11.5	17
VCD 040	VCDZ 040 NE	40	52	40	16	38	25	5	9	5.5	35	12	12	6.6	11	4	4.3	12	20
VCD 050	VCDZ 050 NE	50	65	45	21	46.5	27	5	11	6.5	40	16	14	9	15	4	4.3	14	22
VCD 063	VCDZ 063 NE	63	75	51	21	56.5	32	5	11	6.5	45	16	18	9	15	4	4.3	14	25

● Material: Aluminium

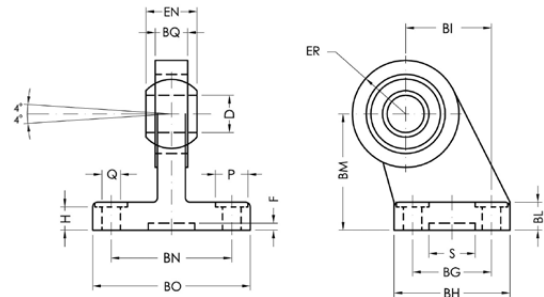
◆ Material: Steel

VPS - PIN ANTI-ROTATION FOR NARROW FEMALE HINGE VCD


Code ●	Code ■	Ø	A	C	D	E	F	G	H	L	B
VPS 032	VPSI 032	32	3	32.5	1.1	10	9.6	4	41	14	4.5
VPS 040	VPSI 040	40	4	38	1.1	12	11.5	4	48	16	6
VPS 050	VPSI 050	50	4	43	1.1	16	15.2	5	54	20	6
VPS 063	VPSI 063	63	4	49	1.1	16	15.2	5	54	20	6

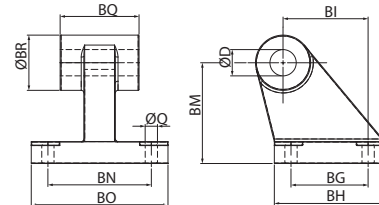
● Material: Steel

● Material: Stainless steel

FIXING ELEMENTS AND ACCESSORIES - SERIES RQ
SQUADRE JOINT WITH ARTICULATED HEAD DIN648K


Code	Ø	Q	P	BG	BH	BI	BL	BM	BN	BO	EN	ER	BQ	D	H	S	F
VADZ 032 NE	32	6.6	11	18	31	21	10	32	38	51	14	15	10.5	10	8.5	20	3
VADZ 040 NE	40	6.6	11	22	35	24	10	36	41	54	16	18	12	12	8.5	20	3
VADZ 050 NE	50	9	15	30	45	33	12	45	50	65	21	20	15	16	10.5	20	3
VADZ 063 NE	63	9	15	35	50	37	12	50	52	67	21	23	15	16	10.5	20	3

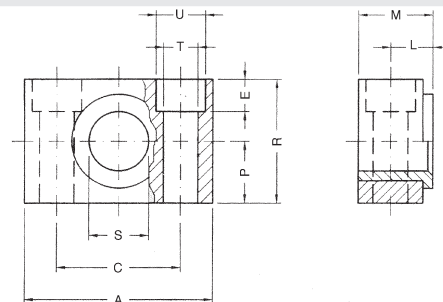
Material: Steel / treatment: Black Cataphoresis

VAS - SQUARE JOINT


Code ●	Code ■	Ø	Q	BG	BH	BI	BM	BN	BO	BQ	BR	ØD
VAS 032	VASI 032	32	6.6	18	31	21	32	38	51	26	20	10
VAS 040	VASI 040	40	6.6	22	35	24	36	41	54	28	22	12
VAS 050	VASI 050	50	9	30	45	33	45	50	65	32	26	12
VAS 063	VASI 063	63	9	35	50	37	50	52	67	40	30	16

● Material: Aluminium

■ Material: stainless steel

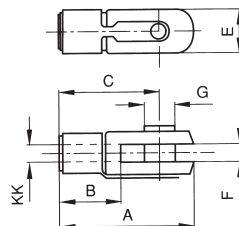
VSI - INTERMEDIATE HINGE SUPPORT


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

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

FIXING ELEMENTS AND ACCESSORIES - SERIES RQ

FC - YOKE WITH LOCABLE PIN



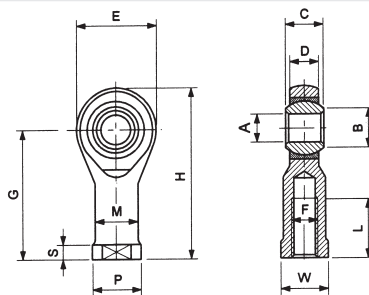
Code ●	Code ■	KK	A	B	C	E	F	G
FC 025	* FCI 025	M10x1.25	52	20	40	20	10	10
FC 040	* FCI 040	M12x1.25	62	24	48	24	12	12
FC 050	* FCI 050	M16x1.5	83	32	64	32	16	16

● Material: Steel

■ Material: Stainless steel

* With pin and seeger

TF - ROD ENDS SELF-LUBRICATING



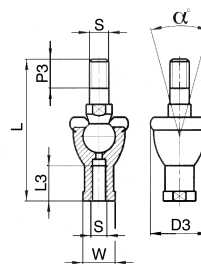
Code ●	Code ■	F	A	B	C	Spera	D	E	G	H	L	M	P	S	W	Radial load		Weight
			0	0	0		± 0.13	± 0.5	± 0.5		± 0.7	± 0.7	± 0.5	± 0.7	± 0.25	D	S	
		H7			- 0.13											kg	kg	g
TF 025	TFI 025	M10x1,25	10	12.9	14	19.05	11.5	30	43	58	15	15	19	6.5	16	1.200	3.100	88
TF 040	TFI 040	M12x1,25	12	15.4	16	22.23	12.5	34	50	67	18	17.5	22	6.5	18	1.400	3.700	120
TF 050	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

● Material: Steel

■ Material: Stainless steel

D Dynamic; S Static

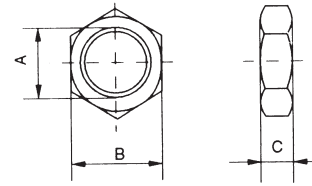
TS - SNODABLE YOKE



Code	S	L	L3	W	P3	D3	α°	Radial load (kN)
								S
TS 025	M10x1.25	74.5	18	17	15	30	30°	16
TS 040	M12x1.25	84	20	19	17	32	30°	22
TS 050	M16x1.5	112	27	22	23	40	22°	33

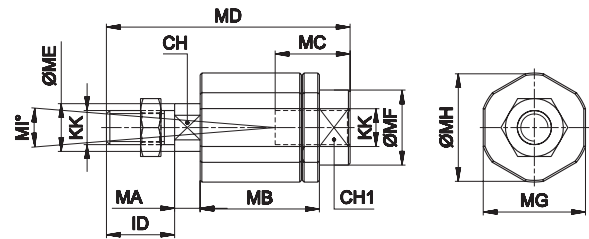
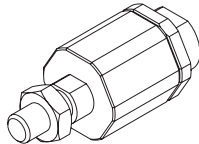
Material: Steel

S Static

FIXING ELEMENTS AND ACCESSORIES - SERIES RQ
DA - NUT FOR RODS


Code	A	B	C
0DA00 00 51 C9 ZI	M10x1.25	17	8
0DA00 00 51 D5 ZI	M12x1.25	19	7
0DA00 00 51 E3 ZI	M16x1.5	22	6

Material: Steel

KF-24 - SELF-ALIGNING JOINT


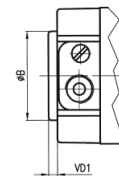
Code	Ø	CH	CH1	ID	KK	MA	MB	MC	MD	ME	MF	MG	MH	MI°	g
KF-24032	32	12	19	71	M10x1.25	5	35	20	71	14	22	30	32	8	220
KF-24040	40	12	19	75	M12x1.25	5	35	20	75	14	22	30	32	8	220
KF-24050	50-63	20	30	103	M16x1.5	8	54	32	103	22	32	41	45	6	660

Material: galvanized steel

RPF28 - FLANGE FOR FEMALE PISTON ROD

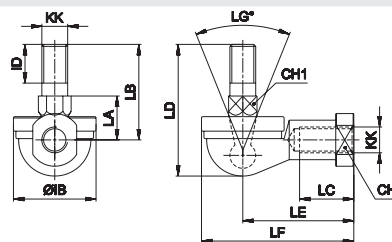
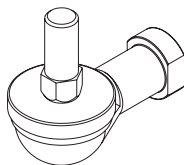

Code	Ø	g
RPF-28032	32	24
RPF-28040	40	35
RPF-28050	50	57
RPF-28063	63	94

Material: Aluminium

RPF09 - ADAPTER FOR CENTRING


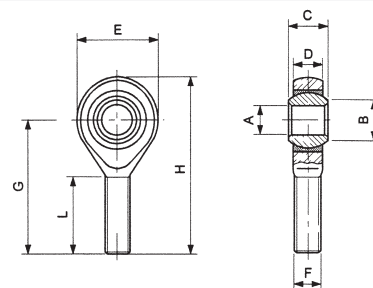
Code	Ø	ØB	VD1
RSF-09032	32	30	3
RSF-09040	40	35	3
RSF-09050	50	40	3
RSF-09063	63	45	3

Material: Aluminium

FIXING ELEMENTS AND ACCESSORIES - SERIES RQ
KF-23 - FORK WITH ANGLE MOUNTED ARTICULATED PIN


Code	Ø	CH	CH1	LG°	KK	IB	ID	LA ± 0.3	LB	LC	LD	LE	LF	g
KF-23025	32	17	11	50	M10x1.25	32	15	17	37	21	50,5	43	57	110
KF-23040	40	19	17	50	M12x1.25	36	17	19	42	42	57,5	50	66	165
KF-23050	50-63	22	19	40	M16x1.5	47	23	23,5	60	60	79,5	64	84	330

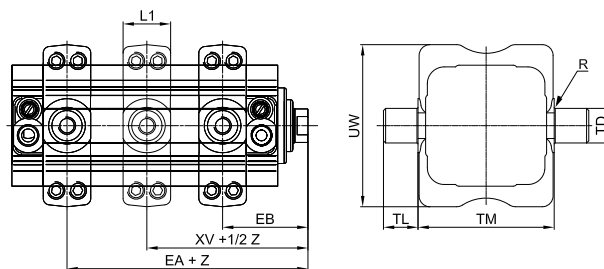
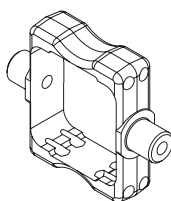
Material: galvanized steel

TM - MALE ROD ENDS


Code	Ø	F	A	B	C	Sphere	D	E	G	H	L	Radial load		Weight
			0	0	0		± 0.13	± 0.5	± 0.5		± 0.7	D	S	
			H7		- 0.13							kg	kg	g
TM 050	32	M8x1,25	8	10.4	12	15.88	9.5	24	42	54	25	780	1900	34
TM 080	40	M10x1,5	10	12.9	14	19.05	11.5	30	48	63	28	1200	3100	70
TM 100	50 - 63	M12x1,75	12	15.4	16	22.23	12.5	34	54	71	32	1400	3700	110

Material: steel

D Dynamic; S Static

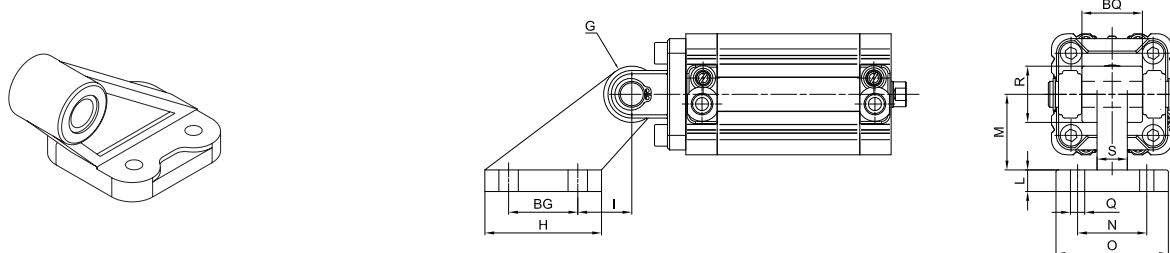
KDF14/RPF14 - ISO INTERMEDIATE HINGE REAR/FRONT


Code	Ø	EA	EB	L1	R	TD e9	TL h14	TM h14	UW	XV		g
KDF-14032	32	31	41	22	0,5	12	12	50	65	36	±2	120
RPF-14040	40	32	41	22	0,5	16	16	63	75	36,5	±2	240
RPF-14050	50	36	45	22	1	16	16	75	95	40,5	±2	320
RPF-14063	63	37	48	28	1	20	20	90	105	43	±2	470

Z = Stroke

The dimension **XV + 1/2** indicates the position of the hinge between the end-caps of the cylinder

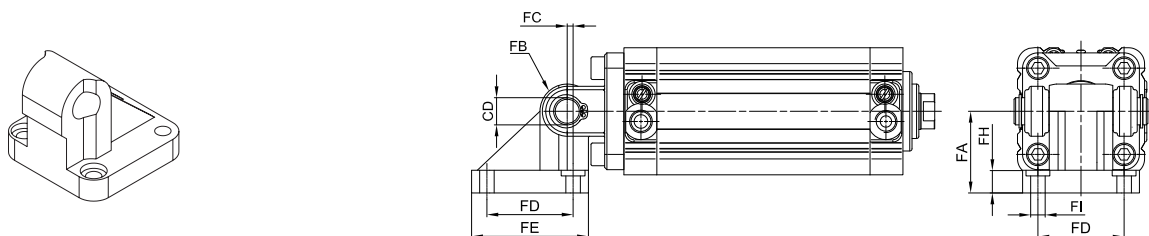
Material: Zinc-plated steel

FIXING ELEMENTS AND ACCESSORIES - SERIES RQ
KF19 - COUNTER HINGE 90° (CNOMO)
TO EXHAUSTION


Code	Ø	Q H13	BG ±0,2	H	I ±0,2	L	M ±0,2	N ±0,2	O	S	R Max	BQ ±0,2/ ±0,1	G H9	g
KF-19032CN	32	7	20	37	18	8	24	25	41	9	19,5	25	8	58
KF-19040050CN	40 - 50	9	32	54	25	10	35	32	52	14	26	32	12	144
KF-19063080CN	63 - 80	11	50	75	32	13	50	40	63	14	32	46	16	300

Z = Stroke

Material: Aluminium

KF19 - COUNTER HINGE 90°
TO EXHAUSTION


Code	Ø	Q H13	BG ±0,2	H	I ±0,2	L	M ±0,2	N ±0,2	O	S	R Max	BQ ±0,2/ ±0,1	G H9	g
KF-19032	32	10	32	10	1,2	32,5	46,5	26	-0,2 / -0,6	9	6,5	5,5	10,5	90
KF-19040	40	12	36	12	2,6	38	51,5	28	-0,2 / -0,6	9	6,5	5,5	10,5	120
KF-19050	50	12	45	12	0,3	46,5	63,5	32	-0,2 / -0,6	9	8,5	5	13,5	200
KF-19063	63	16	50	16	3,3	56,5	73,5	40	-0,2 / -0,6	10,5	8,5	5	13,5	320

Material: Aluminium

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