



Application

- Pneumatic Automation, Robotics, Handling
- Automotive Process
- Textile, Packaging, Heavy Duty
- Food Process



Fluids	Filtered lubricated and non-lubricated compressed air
Temperature	0 °C (-20 °C con aria secca) ÷ + 80 °C
Pressures	1 bar (0.1 MPa) 10 bar (1 MPa)
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	Plastoferrite
Guide	PBT+PTFE
Piston	Anodized Aluminium
Cushion	Pneumatic
Rod	Anodized Aluminium
Funzionamento	Double-acting cushioned magnetic Single or through piston rod.
Sensors recommended	DF - DT
Adapter for sensors	EXF



Reference Standard

II 2 GD h T6 -20°C<Tamb<80°C



1907/2006
REACH✓

2011/65/CE
RoHS✓

SILICON
FREE



Series

Ø mm

Stroke

Special version

V H I

0 3 2

0 0 2 5

V S

▲ **VHI** Double Acting Cushioned Magnetic (AISI 304)

▲ **VLI** Double Acting Cushioned Magnetic with Double Rod End (AISI 304)

On request

▲ **VHJ** Double Acting Cushioned Magnetic (AISI 316) (On request)

032
040
050
063
080
100
125

0025 0320
0050 0350
0075 0400
0080 0450
0100 0500
0125 0600
0150 0700
0160 0800
0200 0900
0250 1000
0300

VS Only Rod Seals in FKM
V All FKM seals

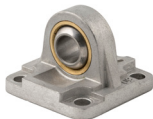
Intermediate or higher strokes are available upon request. Maximum stroke 2700 mm.

Ø (mm)	Stroke (mm)																				
	25	50	75	80	100	125	150	160	200	250	300	320	350	400	450	500	600	700	800	900	1000
32	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
40	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
50	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
63	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
80	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
100	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
125	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

FIXING ELEMENTS AND ACCESSORIES - SERIES V

Ø	PISTON ROD		FLANGES FOR COUNTERBALANCED CYLINDER		PIN WITH SEEGER			INTERMEDIATE NARROW FOR SMOOTH TIE RODS	
									
	Aluminium	Aluminium	Aluminium	Aluminium	Steel	Stainless steel	Steel	Steel	Steel
	Aignep	Univer	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer
32	-	L1-N03212	VFT 032	-	VPE 032	VPEI 032	KF-18032	VCNL 032	-
40	-	L1-N04016	VFT 040	-	VPE 040	VPEI 040	KF-18040	VCNL 040	-
50	-	L1-N05020	VFT 050	-	VPE 050	VPEI 050	KF-18050	VCNL 050	-
63	-	L1-N06320	VFT 063	-	VPE 063	VPEI 063	KF-18063	VCNL 063	-
80	-	L1-N08025	VFT 080	-	VPE 080	VPEI 080	KF-18080	VCNL 080	-
100	-	L1-N10025	VFT 100	-	VPE 100	VPEI 100	KF-18100	VCNL 100	-
125	-	L1-N12532	VFT 125	-	VPE 125	VPEI 125	KF-18125	VCNL 125	-

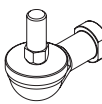
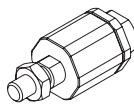
Ø	NARROW FEMALE HINGE WITH PIN			ANGLE BRACKET			NARROW PISTON ROD FOR ANGLE JOINT WITH DIN648K SWIVEL HEAD			NARROW FEMALE HINGE WITH ALUMINIUM PIN AND BUSHINGS			INTERMEDIATE NARROW FOR THREADED TIE RODS	
														
	Aluminium	Steel	Aluminium	Steel	Stainless steel	Steel	Aluminium	Steel	Aluminium	Aluminium	Stainless steel	Aluminium	Steel	Steel
	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer
32	VCH 032	VCHZ 032 NE	KF-10032	VCP 032	VCPI 032	KF-13032	VCD 032	VCDZ 032 NE	KF-10032S	VCF 032	VCFI 032	-	VCNT 032	-
40	VCH 040	VCHZ 040 NE	KF-10040	VCP 040	VCPI 040	KF-13040	VCD 040	VCDZ 040 NE	KF-10040S	VCF 040	VCFI 040	-	VCNT 040	-
50	VCH 050	VCHZ 050 NE	KF-10050	VCP 050	VCPI 050	KF-13050	VCD 050	VCDZ 050 NE	KF-10050S	VCF 050	VCFI 050	-	VCNT 050	-
63	VCH 063	VCHZ 063 NE	KF-10063	VCP 063	VCPI 063	KF-13063	VCD 063	VCDZ 063 NE	KF-10063S	VCF 063	VCFI 063	-	VCNT 063	-
80	VCH 080	VCHZ 080 NE	KF-10080	VCP 080	VCPI 080	KF-13080	VCD 080	VCDZ 080 NE	KF-10080S	VCF 080	VCFI 080	-	VCNT 080	-
100	VCH 100	VCHZ 100 NE	KF-10100	VCP 100	VCPI 100	KF-13100	VCD 100	VCDZ 100 NE	KF-10100S	VCF 100	VCFI 100	-	VCNT 100	-
125	VCH 125	VCHZ 125 NE	KF-10125	VCP 125	VCPI 125	KF-13125	VCD 125	VCDZ 125 NE	KF-10125S	VCF 125	VCFI 125	-	VCNT 125	-

Ø	ANTI-ROTATION PIN FOR NARROW FEMALE HINGE WITH PIN NARROW VCD			FLANGE			CLEVIS BRACKET, MALE, NARROW WITH SWIVEL HEAD DIN648K				NARROW MALE			
														
	Steel	Stainless steel	Steel	Steel	Stainless steel	Steel	Aluminium	Stainless steel	Steel	Aluminium	Aluminium	Stainless steel	Steel	Aluminium
	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Aignep	Aignep	Univer	Aignep	Aignep	Aignep	Univer
32	VPS 032	VPSI 032	KF-18032S	VFL 032	VFLI 032	KF-12032	VCS 032	VCSI 032	VCSZ 032 NE	KF-11032S	VCM 032	VCMi 032	VCMZ 032 NE	KF-11032
40	VPS 040	VPSI 040	KF-18040S	VFL 040	VFLI 040	KF-12040	VCS 040	VCSI 040	VCSZ 040 NE	KF-11040S	VCM 040	VCMi 040	VCMZ 040 NE	KF-11040
50	VPS 050	VPSI 050	KF-18050S	VFL 050	VFLI 050	KF-12050	VCS 050	VCSI 050	VCSZ 050 NE	KF-11050S	VCM 050	VCMi 050	VCMZ 050 NE	KF-11050
63	VPS 063	VPSI 063	KF-18063S	VFL 063	VFLI 063	KF-12063	VCS 063	VCSI 063	VCSZ 063 NE	KF-11063S	VCM 063	VCMi 063	VCMZ 063 NE	KF-11063
80	VPS 080	VPSI 080	KF-18080S	VFL 080	VFLI 080	KF-12080	VCS 080	VCSI 080	VCSZ 080 NE	KF-11080S	VCM 080	VCMi 080	VCMZ 080 NE	KF-11080
100	VPS 100	VPSI 100	KF-18100S	VFL 100	VFLI 100	KF-12100	VCS 100	VCSI 100	VCSZ 100 NE	KF-11100S	VCM 100	VCMi 100	VCMZ 100 NE	KF-11100
125	VPS 125	VPSI 125	KF-18125S	VFL 125	-	KF-12125	VCS 125	VCSI 125	VCSZ 125 NE	KF-11125S	VCM 125	VCMi 125	VCMZ 125 NE	KF-11125

FIXING ELEMENTS AND ACCESSORIES - SERIES V

Ø	SUPPORT FOR CLEVIS BRACKET		ANGLE JOINT			FRONT NARROW - REAR NARROW		SQUARE JOINT WITH DIN648K ARTICULATED HEAD	
									
	Steel	Steel	Aluminium	Stainless steel	Aluminium	Steel	Steel	Steel	Steel
	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer
32	VSI 032	KF-41032	VAS 032	VASI 032	KF-19032SCTA	VCNF 032	KF-14032AP	VADZ 032 NE	KF-19032SC
40	VSI 040	KF-41040050	VAS 040	VASI 040	KF-19040SCTA	VCNF 040	KF-14040AP	VADZ 040 NE	KF-19040SC
50	VSI 040	KF-41040050	VAS 050	VASI 050	KF-19050SCTA	VCNF 050	KF-14050AP	VADZ 050 NE	KF-19050SC
63	VSI 063	KF-41063080	VAS 063	VASI 063	KF-19063SCTA	VCNF 063	KF-14063AP	VADZ 063 NE	KF-19063SC
80	VSI 063	KF-41063080	VAS 080	VASI 080	KF-19080SCTA	VCNF 080	KF-14080AP	VADZ 080 NE	KF-19080SC
100	VSI 100	KF-41100125	VAS 100	VASI 100	KF-19100SCTA	VCNF 100	KF-14100AP	VADZ 100 NE	KF-19100SC
125	VSI 100	KF-41100125	VAS 125	VASI 125	KF-19125SCTA	VCNF 125	KF-140125AP	VADZ 125 NE	KF-19125SC

Ø	Ø	ROD ENDS SELF-LUBRICATING			AXIAL JOINT		NUT FOR RODS	
								
		Steel	Stainless steel	Steel	Steel	Steel	Steel	Steel
		Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer
M10 x 1,25	32	TF 025	TFI 025	KF-17032	TS 025	KF-22025	ODA00 00 51 C9 ZI	KF - 16032
M12 x 1,25	40	TF 040	TFI 040	KF-17040	TS 040	KF-22040	ODA00 00 51 D5 ZI	KF - 16040
M16 x 1,5	50 - 63	TF 050	TFI 050	KF-17050	TS 050	KF-22050	ODA00 00 51 E3 ZI	KF - 16050
M20 x 1,5	80 - 100	TF 080	TFI 080	KF-17080	TS 080	KF-22080	ODA00 00 51 F2 ZI	KF - 16080
M27 x 2	125	TF 125	TFI 125/30	KF-17125	-	-	ODA00 00 51 G8 ZI	KF - 16125

Ø	Ø	YOKE WITH LOCABLE PIN			ROD ENDS SELF-LUBRICATING		SELF-ALIGNING JOINT	
								
		Steel	Stainless steel	Steel				
		Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer
M10 x 1,25	32	FC 025	FCI 025	KF-15032	-	KF-23025	-	KF-24032
M12 x 1,25	40	FC 040	FCI 040	KF-15040	-	KF-23040	-	KF-24040
M16 x 1,5	50 - 63	FC 050	FCI 050	KF-15050	-	KF-23050	-	KF-24050
M20 x 1,5	80 - 100	FC 080	FCI 080	KF-15080	-	KF-23080	-	KF-24080
M27 x 2	125	FC 125	FCI 125	KF-15125				

FIXING ELEMENTS AND ACCESSORIES - SERIES V

Ø	WIDE ANGLE BRACKET		SENSOR BRACKET DSL - DSH - DT - DF	
				
	Steel	Steel	Aignep	Univer
	Aignep	Univer		
32	VCB 032 NE	-	EXF032	-
40	VCB 040 NE	-	EXF032	-
50	VCB 050 NE	-	EXF050	-
63	VCB 063 NE	-	EXF050	-
80	VCB 080 NE	-	EXF080	-
100	VCB 100 NE	-	EXF080	-
125	-	-	EXF080	-