



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 with dry air) ÷ + 80 °C
Pressures	1 bar (0.1 MPa) 10 bar (1 MPa)
Nut	Galvanized steel
Front and rear head	die-cast aluminum
Bearing shell	Sintered bronze
Tie rod	Galvanized steel
O-RING seals	NBR o FKM
Piston	Aluminum
Tube	Anodized aluminum
Piston guide	Acetal resin
Piston seal	Polyurethane or FKM
Shock absorber pin	Galvanized steel
Shock absorber seal	Polyurethane or FKM
Fixing screw	Galvanized steel
Rod seal	Polyurethane or FKM
Rod	Chromed steel or stainless steel
Magnet	Plastoferrite
Operation	Double-acting, cushioned, magnetic, single-rod or through-rod type
Sensori consigliato	DF - DT



Reference Standard

II 2 GD h T6 -20°C<Tamb<80°C



1907/2006
REACH✓

2011/65/CE
RoHS✓

SILICON
FREE



Serie

Version

Ø mm

Stroke

B B



0 1 2

0 0 2 5

- ▲ **BB** Single-Acting Magnetic
- ▲ **BD** Single-Acting Magnetic Molla in thrust
- **BF** Double acting Magnet
- **BJ** Double acting Through piston rod Magnet
- **BFA** Double acting Magnet Antirotationa

= Standard female rod
M = Male rod (NO QFA)

012	0005
016	0010
020	0015
025	0020
032	0025
040	0030
050	0040
063	0050
080	0075
100	0100

Intermediate or higher strokes are available on request.

Ø mm	Stroke (mm)									
	5	10	15	20	25	30	40	50	75	100
12	●▲	●▲	●▲	●▲	●▲	●	●			
16	●▲	●▲	●▲	●▲	●▲	●	●			
20	●▲	●▲	●▲	●▲	●▲	●	●	●		
25	●▲	●▲	●▲	●▲	●▲	●	●	●		
32	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
40	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
50	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
63	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
80	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
100	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●

Ø	ANGLE BRACKET		ANGLE BRACKET			ANGLE JOINT			NARROW MALE CON BOCCOLE AUTOLUBRIFICANTI	
										
	Steel	Steel	Steel	Stainless steel	Steel	Aluminium	Stainless steel	Aluminium	Aluminium	Aluminium
	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer
12	QCP 012	RPF-13016	-	-	-	-	-	-	QCM 012	RPF-11016
16	QCP 012	RPF-13016	-	-	-	-	-	-	QCM 012	RPF-11016
20	QCP 020	RPF-13020	-	-	-	-	-	-	QCM 020	RPF-11020
25	QCP 025	RPF-13025	-	-	-	-	-	-	QCM 025	RPF-11025
32	-	-	VCP 032	VCPI 032	KF-13032	VAS 032	VASI 032	KF-19032SCTA	-	-
40	-	-	VCP 040	VCPI 040	KF-13040	VAS 040	VASI 040	KF-19040SCTA	-	-
50	-	-	VCP 050	VCPI 050	KF-13050	VAS 050	VASI 050	KF-19050SCTA	-	-
63	-	-	VCP 063	VCPI 063	KF-13063	VAS 063	VASI 063	KF-19063SCTA	-	-
80	-	-	VCP 080	VCPI 080	KF-13080	VAS 080	VASI 080	KF-19080SCTA	-	-
100	-	-	VCP 100	VCPI 100	KF-13100	VAS 100	VASI 100	KF-19100SCTA	-	-

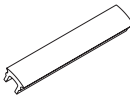
Ø	NARROW FEMALE HINGE WITH PIN			NARROW FEMALE HINGE WITH ALUMINIUM PIN AND BUSHINGS			NARROW PISTON ROD FOR ANGLE JOINT WITH DIN648K SWIVEL HEAD		
									
	Aluminium	Steel	Aluminium	Aluminium	Stainless steel	Aluminium	Aluminium	Steel	Aluminium
	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Aignep	Univer
32	VCH 032	VCHZ 032 NE	KF-10032	VCF 032	VCFI 032	-	VCD 032	VCDZ 032 NE	KF-10032S
40	VCH 040	VCHZ 040 NE	KF-10040	VCF 040	VCFI 040	-	VCD 040	VCDZ 040 NE	KF-10040S
50	VCH 050	VCHZ 050 NE	KF-10050	VCF 050	VCFI 050	-	VCD 050	VCDZ 050 NE	KF-10050S
63	VCH 063	VCHZ 063 NE	KF-10063	VCF 063	VCFI 063	-	VCD 063	VCDZ 063 NE	KF-10063S
80	VCH 080	VCHZ 080 NE	KF-10080	VCF 080	VCFI 080	-	VCD 080	VCDZ 080 NE	KF-10080S
100	VCH 100	VCHZ 100 NE	KF-10100	VCF 100	VCFI 100	-	VCD 100	VCDZ 100 NE	KF-10100S

Ø	PIN WITH SEEGER			NARROW MALE			
							
	Steel	Stainless steel	Steel	Aluminium	Stainless steel	Steel	Aluminium
	Aignep	Aignep	Univer	Aignep	Aignep	Aignep	Univer
32	VPE 032	VPEI 032	-	VCM 032	VCMI 032	VCMZ 032 NE	KF-11032
40	VPE 040	VPEI 040	-	VCM 040	VCMI 040	VCMZ 040 NE	KF-11040
50	VPE 050	VPEI 050	-	VCM 050	VCMI 050	VCMZ 050 NE	KF-11050
63	VPE 063	VPEI 063	-	VCM 063	VCMI 063	VCMZ 063 NE	KF-11063
80	VPE 080	VPEI 080	-	VCM 080	VCMI 080	VCMZ 080 NE	KF-11080
100	VPE 100	VPEI 100	-	VCM 100	VCMI 100	VCMZ 100 NE	KF-11100

Ø	FLANGE		FLANGE			NUT FOR COVERS		NUT FOR RODS	
	Steel	Steel	Steel	Stainless steel	Steel	Steel	Steel	Steel	Steel
	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer
12	QFL 012	-	-	-	-	0DA00 00 51 E3 ZI	MF-20012	0DA00 00 51 B8 ZI	-
16	QFL 012	RPF-12016	-	-	-	0DA00 00 51 E3 ZI	MF-20012	0DA00 00 51 B8 ZI	-
20	QFL 020	RPF-12020	-	-	-	0DA00 00 51 F6 ZI	MF-20020	0DA00 00 51 C3 ZI	-
25	QFL 025	RPF-12025	-	-	-	0DA00 00 51 F6 ZI	MF-20020	0DA00 00 51 C3 ZI	-
32	-	-	VFL 032	VFLI 032	KF-12032			0DA00 00 51 C9 ZI	KF - 16032
40	-	-	VFL 040	VFLI 040	KF-12040			0DA00 00 51 C9 ZI	KF - 16032
50	-	-	VFL 050	VFLI 050	KF-12050			0DA00 00 51 D5 ZI	KF - 16040
63	-	-	VFL 063	VFLI 063	KF-12063			0DA00 00 51 D5 ZI	KF - 16040
80	-	-	VFL 080	VFLI 080	KF-12080			0DA00 00 51 E3 ZI	KF - 16050
100	-	-	VFL 100	VFLI 100	KF-12100			0DA00 00 51 E3 ZI	KF - 16050

Ø	ANTI-ROTATION PIN FOR NARROW FEMALE HINGE WITH PIN NARROW VCD			CLEVIS BRACKET, MALE, NARROW WITH SWIVEL HEAD DIN648K				SQUARE JOINT WITH DIN648K ARTICULATED HEAD	
	Steel	Stainless steel	Steel	Aluminium	Stainless steel	Steel	Aluminium	Steel	Steel
	Aignep	Aignep	Univer	Aignep	Aignep	Aignep	Univer	Aignep	Univer
32	VPS 032	VPSI 032	KF-18032S	VCS 032	VCSI 032	VCSZ 032 NE	KF-11032S	VADZ 032 NE	KF-19032SC
40	VPS 040	VPSI 040	KF-18040S	VCS 040	VCSI 040	VCSZ 040 NE	KF-11040S	VADZ 040 NE	KF-19040SC
50	VPS 050	VPSI 050	KF-18050S	VCS 050	VCSI 050	VCSZ 050 NE	KF-11050S	VADZ 050 NE	KF-19050SC
63	VPS 063	VPSI 063	KF-18063S	VCS 063	VCSI 063	VCSZ 063 NE	KF-11063S	VADZ 063 NE	KF-19063SC
80	VPS 080	VPSI 080	KF-18080S	VCS 080	VCSI 080	VCSZ 080 NE	KF-11080S	VADZ 080 NE	KF-19080SC
100	VPS 100	VPSI 100	KF-18100S	VCS 100	VCSI 100	VCSZ 100 NE	KF-11100S	VADZ 100 NE	KF-19100SC

Ø	Ø	ARTICULATED SELF-LUBRICATING FORK			FEMALE FORK WITH CLIPS			YOKE WITH LOCABLE PIN	
		Steel	Stainless steel	Steel	Steel	Stainless steel	Steel	Steel	Steel
		Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer
M6 x 1	12	TF 012	TFI 012	MF-17012	FC 012	-	MF-15012	-	-
M8 x 1,25	20	TF 020	TFI 020	MF-17020	FC 020	FCI 020	MF-15020	TS 020	KF-22020
M10 x 1,25	25-32	TF 025	TFI 025	KF-17032	FC 025	FCI 025	KF-15032	TS 025	KF-22025
M12 x 1,25	40	TF 040	TFI 040	KF-17040	FC 040	FCI 040	KF-15040	TS 040	KF-22040
M16 x 1,5	50 - 63	TF 050	TFI 050	KF-17050	FC 050	FCI 050	KF-15050	TS 050	KF-22050
M20 x 1,5	80 - 100	TF 080	TFI 080	KF-17080	FC 080	FCI 080	KF-15080	TS 080	KF-22080

Ø	SUPPORT FOR CLEVIS BRACKET		FRONT NARROW - REAR NARROW		DHF COVERING STRIP		CABLE CLAMPING FOR DF SENSOR	
								
	Steel	Steel	Steel	Steel				
	Aignep	Univer	Aignep	Univer	Aignep	Univer	Aignep	Univer
32	VSI 032	KF-41032	VCNF 032	KF-14032AP	-	DHF-0020100	-	DF-001
40	VSI 040	KF-41040050	VCNF 040	KF-14040AP				
50	VSI 040	KF-41040050	VCNF 050	KF-14050AP				
63	VSI 063	KF-41063080	VCNF 063	KF-14063AP				
80	VSI 063	KF-41063080	VCNF 080	KF-14080AP				
100	VSI 100	KF-41100125	VCNF 100	KF-14100AP				

Ø	WIDE ANGLE BRACKET	
		
	Steel	Steel
	Aignep	Univer
32	VCB 032 NE	-
40	VCB 040 NE	-
50	VCB 050 NE	-
63	VCB 063 NE	-
80	VCB 080 NE	-
100	VCB 100 NE	-

Ø	Ø	MALE ROD ENDS	
			
		Steel	Steel
		Aignep	Univer
M5 x 0,8	20 - 25	TM 020	-
M6 x 1	32 - 40	TM 032	-
M8 x 1,25	50 - 63	TM 050	-
M10 x 1,25	80	TM 080	-
M12 x 1,75	100	TM 100	-