



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)
Nut	Galvanized steel
Front and rear head	Aluminum
Bearing shell	Sintered bronze
Tie rod	Galvanized steel
O-RING seals	NBR or 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	Chrome-plated steel
Magnet	Plastoferrite
Operation	Double-acting cushioned magnetic Single or through piston rod
Sensors recommended	DF - DT
Sensor adapter	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

Profile

Special version

E H

1 6 0

0 0 2 5

T

V S

- **EH** Double Acting Cushioned Magnetic
- **EL** Double Acting Cushioned Magnetic with Double Rod End

160
200
250
320

0025 0320
0050 0350
0075 0400
0080 0450
0100 0500
0125 0600
0150 0700
0160 0800
0200 0900
0250 1000
0300
Intermediate or higher strokes are available upon request. Maximum stroke 2700 mm..

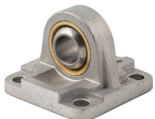
T Barrel in aluminium round profile with tie rods

- VS** Only Rod Seals in FKM
- IS** Stainless Steel Rod
- V** All FKM Seals
- R** Metal Scraper

Ø mm	Corse mm																				
	25	50	75	80	100	125	150	160	200	250	300	320	350	400	450	500	600	700	800	900	1000
160	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
250	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
320	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Ø	NARROW FEMALE HINGE WITH PIN			ANGLE BRACKET		NARROW PISTON ROD FOR ANGLE JOINT WITH DIN648K SWIVEL HEAD	
							
	Aluminium	Steel	Aluminium	Steel	Steel	Aluminium	Aluminium
	Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer
160	VCH 160	VCHZ 160 NE	KF-10160	VCP 160	-	VCD 160	KF-10160S
200	VCH 200	VCHZ 200 NE	KF-10200	VCP 200	-	VCD 200	KF-10200S
250	VCH 250	VCHZ 250 NE	-	VCP 250	-	-	-

Ø	NARROW FEMALE HINGE WITH ALUMINIUM PIN AND BUSHINGS			NARROW FEMALE HINGE WITH PIN			ANTI-ROTATION PIN FOR NARROW FEMALE HINGE WITH PIN NARROW VCD		FLANGE	
										
	Aluminium	Stainless steel	Aluminium	Aluminium	Steel	Aluminium	Steel	Steel	Steel	Steel
	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer
160	VCF 160	VCFI 160	-	VCH 160	VCHZ 160 NE	KF-10160	VPS 160	KF-18160S	VFL 160	KF-12160
200	VCF 200	VCFI 200	-	VCH 200	VCHZ 200 NE	KF-10200	VPS 160	KF-18160S	VFL 200	KF-12200
250	-	-	-	VCH 250	VCHZ 250 NE	-	-	-	VFL 250	-
320	-	-	-	-	-	-	-	-	VFL 320	-

Ø	CLEVIS BRACKET, MALE, NARROW WITH SWIVEL HEAD DIN648K		NARROW MALE				SUPPORT FOR CLEVIS BRACKET	
								
	Aluminium	Aluminium	Aluminium	Stainless steel	Steel	Aluminium	Steel	Steel
	Aignep	Univer	Aignep	Aignep	Aignep	Univer	Aignep	Univer
160	VCS 160	KF-11160S	VCM 160	VCMI 160	VCMZ 160 NE	KF-11160	VSI 160	KF-41160200
200	VCS 200	KF-11200S	VCM 200	VCMI 200	VCMZ 200 NE	KF-11200	VSI 160	KF-41160200
250	-	-	VCM 250	-	VCMZ 250 NE	-	VSI 250	-

Ø	PIN WITH SEEGER			INTERMEDIATE HINGE FOR THREADED TIE RODS		CERNIERA INTERMEDIA PER TIRANTI LISCII		CERNIERA ANTERIORE - POSTERIORE	
									
	Steel	Stainless steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
	Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer	Aignep	Univer
160	VPE 160	VPEI 160	KF-18160	VCNT 160	-	VCNL 160	-	-	KF-14160AP
200	VPE 160	VPEI 160	KF-18160	VCNT 200	-	VCNL 200	-	-	KF-14200AP
250	VPE 250	-	KF-18250	VCNT 250	-	-	-	-	-
320	VPE 320	-	-	-	-	-	-	-	-

FIXING ELEMENTS AND ACCESSORIES - SERIES E

Ø	Ø	ROD ENDS SELF-LUBRICATING		YOKE WITH LOCABLE PIN			NUT FOR RODS	
								
		Steel	Steel	Steel	Stainless steel	Steel	Steel	Steel
		Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer
M36 x 2	160 - 200	TF 160	KF-17160	FC 160	FCI 160	KF-15160	EDA00 00 51 16 ZI	-
M42 x 2	250	TF 250	KF-17250	FC 250	-	KF-15250	EDA00 00 51 L0 ZI	-
M48 x 2	320	TF 320	KF-17320	FC 320	-	KF-15320	EDA00 00 51 E3 ZI	-

Ø	ANGLE JOINT		SENSOR BRACKET DSL - DSH - DT - DF	
				
	Aluminium	Aluminium		
	Aignep	Univer	Aignep	Univer
160	VAS 160	KF-19160SCTA	EXF160	-
200	VAS 200	KF-19200SCTA	EXF160	-
250	-	-	EXF160	-