



Reference Standard

ATEX
2014/34/UE



Pressures

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



Temperature

-20 °C
+ 80 °C



Sensors recommended

DF - DT

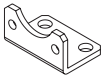
CHARACTERISTICS

Fluid	filtered air, with or without lubrication
End-caps	pressofuse in zama (Ø 16 ÷ 25 mm) die-cast aluminium (Ø 32 ÷ 100 mm)
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)

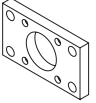
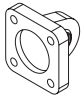


Series	Type	Version	Bore (mm)	Stroke (mm)	Option (mm)
R M	4	0 0	0 3 2	0 0 2 5	
RM Compact Cylinders ISO 21287 Ø 16÷100 mm	4 Chromium-plated steel male piston rod On request 1 Stainless steel female piston rod 2 Chromium-plated steel female piston rod 3 Stainless steel male piston rod	00 = D.E. Standard version 01 = D.E. Through piston rod 60 = S.E. Retracted piston rod 70 = S.E. Extended piston rod	016 = Ø16 020 = Ø20 025 = Ø25 032 = Ø32 040 = Ø40 050 = Ø50 063 = Ø63 080 = Ø80 100 = Ø100	Single acting (Ø16 Ø25) 0005 - 0010 (Ø32 Ø100) 0005 - 0010 - 0015 - 0020 - 0025 Double acting 0005 - 0010 0015 - 0020 - 0025 - 0030 - 0040 - 0050 - 0060 - 0080 Max standard stroke (Ø16) 0040 (Ø20 Ø25) 0050 (Ø32 Ø63) 0080	H Hollow piston rod only for through piston rod versions without flange

FIXING ELEMENTS AND ACCESSORIES - SERIES RM

Ø	ANGLE BRACKET		PIN WITH SEEGER			PISTON ROD		FLANGE		NARROW MALE WITH SELF-LUBRICATING BUSHINGS	
											
	Steel	Steel	Steel	Stainless steel	Steel	Aluminium	Aluminium	Steel	Steel	Aluminium	Aluminium
	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer	Aignep	Univer
16	QCP 012	RPF-13016	-	-	-	-	L1-N01606	QFL 012	RPF-12016	QCM 012	RPF-11016
20	QCP 020	RPF-13020	-	-	-	-	L1-N02008	QFL 020	RPF-12020	QCM 020	RPF-11020
25	QCP 025	RPF-13025	-	-	-	-	L1-N02510	QFL 025	RPF-12025	QCM 025	RPF-11025
32	-	-	VPE 032	VPEI 032	KF-18032	-	L1-N03212	-	-	-	-
40	-	-	VPE 040	VPEI 040	KF-18040	-	L1-N04016	-	-	-	-
50	-	-	VPE 050	VPEI 050	KF-18050	-	L1-N05020	-	-	-	-
63	-	-	VPE 063	VPEI 063	KF-18063	-	L1-N06320	-	-	-	-
80	-	-	VPE 080	VPEI 080	KF-18080	-	L1-N08025	-	-	-	-
100	-	-	VPE 100	VPEI 100	KF-18100	-	L1-N10025	-	-	-	-

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		
												
	Aluminium	Steel	Aluminium	Steel	Stainless steel	Steel	Aluminium	Steel	Aluminium	Aluminium	Stainless steel	Aluminium
	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	Aignep	Univer	Aignep	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	-
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	-
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	-
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	-
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	-
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	-

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	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-10032S	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-10040S	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-10050S	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-10063S	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-10080S	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-10100S	VFL 100	VFLI 100	KF-12100	VCS 100	VCSI 100	VCSZ 100 NE	KF-11100S	VCM 100	VCMI 100	VCMZ 100 NE	KF-11100

FIXING ELEMENTS AND ACCESSORIES - SERIES RM

Ø	SQUARE JOINT WITH DIN648K ARTICULATED HEAD		WIDE ANGLE BRACKET		90° COUNTER-CLEVIS BRACKET (CNOMO)		90° COUNTER-CLEVIS BRACKET	
					TO DEPLETION		TO DEPLETION	
	Steel	Steel	Steel	Steel	Aignep	Univer	Aignep	Univer
32	VADZ 032 NE	KF-19032SC	VCB 032 NE	-	-	KF-19032CN	-	KF-19032
40	VADZ 040 NE	KF-19040SC	VCB 040 NE	-	-	KF-19040050CN	-	KF-19040
50	VADZ 050 NE	KF-19050SC	VCB 050 NE	-	-	KF-19040050CN	-	KF-19063
63	VADZ 063 NE	KF-19063SC	VCB 063 NE	-	-	KF-19063080CN	-	KF-19080
80	VADZ 080 NE	KF-19080SC	VCB 080 NE	-	-	KF-19063080CN	-	
100	VADZ 100 NE	KF-19100SC	VCB 100 NE	-	-	KF-19100125CN	-	
125	-	-	-	-	-	KF-19100125CN	-	

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

Ø	Ø	ROD ENDS SELF-LUBRICATING			AXIAL JOINT		NUT FOR RODS		YOKE WITH LOCABLE PIN		
		Steel	Stainless steel	Steel	Steel	Steel	Steel	Steel	Steel	Stainless steel	Steel
		Aignep	Aignep	Univer	Aignep	Univer	Aignep	Univer	Aignep	Aignep	Univer
M6 x 1	16	TF 012	TFI 012	MF-17012	-	MF-22016	-	-	FC 012	-	MF-15012
M8 x 1,25	20 - 25	TF 020	TFI 020	MF-17020	TS 020	MF-22020	ODA00 00 51 C3 ZI	-	FC 020	FCI 020	MF-15020
M10 x 1,25	32 - 40	TF 025	TFI 025	KF-17032	TS 025	KF-22025	ODA00 00 51 C9 ZI	KF - 16032	FC 025	FCI 025	KF-15032
M12 x 1,25	50 - 63	TF 040	TFI 040	KF-17040	TS 040	KF-22040	ODA00 00 51 D5 ZI	KF - 16040	FC 040	FCI 040	KF-15040
M16 x 1,5	80 - 100	TF 050	TFI 050	KF-17050	TS 050	KF-22050	ODA00 00 51 E3 ZI	KF - 16050	FC 050	FCI 050	KF-15050

FIXING ELEMENTS AND ACCESSORIES - SERIES RM

Ø	Ø	ROD ENDS SELF-LUBRICATING		SELF-ALIGNING JOINT	
					
		Aignep	Univer	Aignep	Univer
M6 x 1	16	-	MF-23012	-	MF-24012
M8 x 1,25	20 - 25	-	MF-23020	-	MF-24020
M10 x 1,25	32 - 40	-	KF-23025	-	KF-24032
M12 x 1,25	50 - 63	-	KF-23040	-	KF-24040
M16 x 1,5	80 - 100	-	KF-23050	-	KF-24050

Ø	CABLE CLAMP WIRE GUIDE FOR DF SENSOR		DHF COVER STRIP		SENSOR BRACKET DSL - DSH - DT - DF		RM - ISO INTERMEDIATE CLEVIS BRACKET	
								
	Aignep	Univer	Aignep	Univer	Aignep	Univer	Aignep	Univer
16	-	DF-001	-	DHF-0020100	-	RPF-28016	-	-
20	-		-		-	RPF-28020	-	-
25	-		-		-	RPF-28025	-	-
32	-		-		-	RPF-28032	-	KDF-14032
40	-		-		-	RPF-28040	-	RPF-14040
50	-		-		-	RPF-28050	-	RPF-14050
63	-		-		-	RPF-28063	-	RPF-14063
80	-		-		-	-	-	KDF-14080
100	-		-		-	-	-	KDF-14100

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