

**CHARACTERISTICS**

Ambient temperature	-20 ÷ 80 °C
Fluid	filtered air, with or without lubrication
Working pressure	1,5 ÷ 10 bar
End-caps	die-cast aluminium
Barrel	anodized aluminium
Piston	die-cast aluminium
Guide slide	acetalic resin
Piston rod	chromium-plated steel, stainless steel upon request
Piston seal	NBR
Guide bush for piston rod	UNIVER Original self-lubricating and self-aligning
Shock absorber seals	NBR
Cushionings	pneumatic adjustable
Other available versions	tandem, two-position tandem, opposed, with common piston rod



**CODIFICATION KEY**

K	D	2	0	0	0	3	2	0	0	5	0		M
1	2	3	4	5	6	7							

1 Series	2 Type	3 Version	4 Bore (mm)
<b>KD</b> = Ø 32÷125 mm - ISO 15552 Pneumatic Cylinders (former ISO 6431 and VDMA 24562)	<b>1</b> = Stainless steel piston rod <b>2</b> = Chromium-plated steel piston rod	<b>00</b> = D.A. Standard version <b>01</b> = D.A. Through piston rod <b>60</b> = S.A. Retracted piston rod Max stroke 50 mm <b>70</b> = S.A. Extended piston rod Max stroke 50 mm	<b>032</b> = Ø32 <b>080</b> = Ø80 <b>040</b> = Ø40 <b>100</b> = Ø100 <b>050</b> = Ø50 <b>125</b> = Ø125 <b>063</b> = Ø63
Magnetic version standard supplied		D.A. = Double acting S.A. = Single acting	

5 Stroke (mm)	6 Option	7 Magnetic
<b>0025</b> = 25 <b>0150</b> = 150 <b>0320</b> = 320 <b>0700</b> = 700 <b>0050</b> = 50 <b>0160</b> = 160 <b>0350</b> = 350 <b>0800</b> = 800 <b>0075</b> = 75 <b>0175</b> = 175 <b>0400</b> = 400 <b>0900</b> = 900 <b>0080</b> = 80 <b>0200</b> = 200 <b>0450</b> = 450 <b>1000</b> = 1000 <b>0100</b> = 100 <b>0250</b> = 250 <b>0500</b> = 500 <b>0125</b> = 125 <b>0300</b> = 300 <b>0600</b> = 600	<b>F</b> = Preset for locking unit reduced protrusion <b>G</b> = Preset for locking unit ISO protrusion	<b>M</b> = Magnetic version standard supplied

**KD190 and KD290 versions with high temperature seals (max 120°C) available upon request**

**FIXING ELEMENTS AND ACCESSORIES**

Ø	Female fork with clips	Articulated self-lubricating fork	Fork with axially mounted articulated pin	Fork with angle mounted articulated pin	Floating joint	Female rear hinge with pin	Counter hinge 90° (CETOP)	Counter hinge 90°	Counter hinge 90° (CNOMO)	Narrow female hinge with pin	Articulated counter hinge
32	KF-15032	KF-17032	KF-22032	KF-23032	KF-24032	KF-10032A	KF-19032CTA	KF-19032	KF-19032CN	KF-10032AS	KF-19032SC
40	KF-15040	KF-17040	KF-22040	KF-23040	KF-24040	KF-10040A	KF-19040CTA	KF-19040	KF-19040050CN	KF-10040AS	KF-19040SC
50	KF-15050	KF-17050	KF-22050	KF-23050	KF-24050	KF-10050A	KF-19050CTA	KF-19050	KF-19040050CN	KF-10050AS	KF-19050SC
63	KF-15050	KF-17050	KF-22050	KF-23050	KF-24050	KF-10063A	KF-19063CTA	KF-19063	KF-19063080CN	KF-10063AS	KF-19063SC
80	KF-15080	KF-17080	KF-22080	KF-23080	KF-24080	KF-10080A	KF-19080CTA	KF-19080	KF-19063080CN	KF-10080AS	KF-19080SC
100	KF-15080	KF-17080	KF-22080	KF-23080	KF-24080	KF-10100A	KF-19100CTA	KF-19100	KF-19100125CN	KF-10100AS	KF-19100SC
125	KF-15125	KF-17125	-	-	-	KF-10125A	KF-19125CTA	-	KF-19100125CN	KF-10125AS	KF-19125SC

Ø	Articulated rear male hinge	Rear male hinge	Front / rear flange	Angle bracket	Front / rear hinge with floating pin	Hinge support	ISO Intermediate hinge	DF sensor and DHF covering strip	Cable clamping for DF sensor
32	KF-11032S	KF-11032	KF-12032	KF-13032	KF-14032AP	KF-41032	KDF-14032	DF DHF-0020100	DF-001
40	KF-11040S	KF-11040	KF-12040	KF-13040	KF-14040AP	KF-41040050	KDF-14040		
50	KF-11050S	KF-11050	KF-12050	KF-13050	KF-14050AP	KF-41040050	KDF-14050		
63	KF-11063S	KF-11063	KF-12063	KF-13063	KF-14063AP	KF-41063080	KDF-14063		
80	KF-11080S	KF-11080	KF-12080	KF-13080	KF-14080AP	KF-41063080	KDF-14080		
100	KF-11100S	KF-11100	KF-12100	KF-13100	KF-14100AP	KF-41100125	KDF-14100		
125	KF-11125S	KF-11125	KF-12125	KF-13125	KF-14125AP	KF-41100125	KDF-14125		