J | Slide Units

STRONG
Extruded aluminium profile structure
UNIVER Original

STURDY
Oversized hollow guiding shafts
made of chromium-plated steel

SMOOTH SLIDING
Self-lubricating guiding bushes
made of special steel

STANDARD
Wide range of standard solutions
for any application requirement

J1

ISO 6432 cylinders
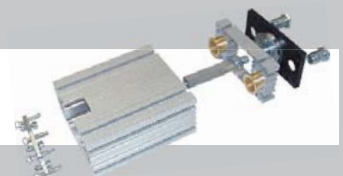
M

ISO 15552 cylinders

K/KD

J3

Rodless cylinders

S1

J64RS

STRONG cylinders

RS

J64RT2

Telescopic cylinders

RT2

Assembly Kit
available for all series
KIT

![UNIVER logo]

CHARACTERISTICS

Ambient temperature	-20 ÷ 80 °C
Fluid	filtered air, with or without lubrication
Working pressure	2 ÷ 10 bar
Barrel	extruded anodised aluminium
Guide bush for piston rod	special steel
Shafts	chromium-plated steel
Shaft scraper seals	polyurethane
Flange	steel

Slide Units for M, KE/K, KD series cylinders

■ J1

CODIFICATION KEY

J	1	0	A	5	5	0 0 0 5 0	A
1	**2**	**3**	**4**	**5**	**6**		**7**

1 **Series**

J = Slide unit

2 **Type**

10 = Protruding shafts and short housing
(recommended for strokes up to 50 mm)
11 = Protruding shafts and medium housing
12 = Protruding shafts and long housing
14 = Fully protected cylinder
16 = Central mounting (semi-external cylinder)
17 = Central mounting (fully protected cylinder)
18 = Medium moving housing (external cylinder)
19 = Long moving housing (external cylinder)

3 **Accessories**

A = Shaft scrapers standard supplied

4 Slide unit size	**5** Cylinder bore (mm)	**6** Cylinder stroke (mm)	**7** Cylinder option
0 = 16 for Ø16 cylinder	0 = Ø16	**M**	**A** = M150 series Ø16÷25 microcylinders
2 = 25 for Ø25 cylinder	2 = Ø25	**0025 - 0030 - 0040 - 0050 - 0075**	K200 series Ø32÷100 cylinders
3 = 32 for Ø32 cylinder	3 = Ø32	**0100 - 0125 - 0150 - 0160 - 0175**	**B** = M250 series Ø16÷25 microcylinders with
4 = 40 for Ø40 cylinder	4 = Ø40	**0200 - 0250 - 0300 - 0400 - 0500**	locking unit
5 = 50 for Ø50 cylinder	5 = Ø50		K200 series Ø32÷100 cylinders with
6 = 63 for Ø63 cylinder	6 = Ø63	**KD - KE/K**	locking unit
7 = 80 for Ø80 cylinder	7 = Ø80	**0025 - 0050 - 0075 - 0080 - 0100**	(only for J12, J14, J16, J17)
8 = 100 for Ø100 cylinder	8 = Ø100	**0125 - 0150 - 0160 - 0175 - 0200**	**C** = KE200 series Ø 32÷100 cylinders
		0250 - 0300 - 0320 - 0400 - 0450	**D** = KE200 series Ø 32÷100 cylinders with
		0500 - 0600 - 0700 - 0800 - 0900	locking unit (only for J12, J14, J16, J17)
		1000	**E** = KD200 series Ø32÷100 cylinders
			(except for J14 and J17)
			F = KD200 series Ø32÷100 cylinders
			with locking unit (only for J12 and J16)

Slide units are supplied with integrated cylinder

Slide units for S1 series rodless cylinders

■ J3

CODIFICATION KEY

J	3	0	A	5	3	0	1	0	0	A
1	**2**		**3**	**4**	**5**	**6**				**7**

1 Series	**2** Type	**3** Accessories
J = Slide unit	**30** = With fully protected cylinder (2 bearings - standard carriage) **31** = With fully protected cylinder (2 bearings - long carriage)	**A** = Shaft scrapers standard supplied

4 Slide unit size	**5** Cylinder bore (mm)	**6** Slide unit stroke (mm)	**7** Supply port option
4 = 40 for Ø25 cylinders **5** = 50 for Ø32 cylinders **6** = 63 for Ø40 cylinders **7** = 80 for Ø50 cylinders	**2** = Ø25 **3** = Ø32 **4** = Ø40 **5** = Ø50	Up to **0800**	**A** = Supply ports on both end-caps **B** = Supply ports on the right end-cap only

Slide Units for RS series STRONG compact cylinders

■ J64RS

CODIFICATION KEY

J	6	4	R	S	3	3	0	0	5	0	B
1	**2**		**3**		**4**	**5**	**6**				**7**

1 Series	**2** Slide unit type	**3** Cylinder type
J = Slide unit - Shaft scrapers standard supplied	**64** = Fully protected cylinder (stroke longer than 50 mm) **65** = Fully protected cylinder, through opening **66** = Fully protected cylinder, through opening, two plates **67** = Fully protected cylinder, two plates (stroke longer than 50 mm)	**RS** = STRONG cylinder (RS22J... series) with long piston and tube with sensor grooves on the same side as supply ports to allow mounting of magnetic sensors

4 Slide unit size	**5** Cylinder bore (mm)	**6** Slide unit stroke (mm)	**7** Cylinder option
3 = 32 for Ø32 cylinders **4** = 40 for Ø40 cylinders **5** = 50 for Ø50 cylinders **6** = 63 for Ø63 cylinders	**3** = Ø32 **4** = Ø40 **5** = Ø50 **6** = Ø63	**0015 ÷ 0800**	**A** = Cylinder with long piston **B** = Cylinder with long piston and locking unit

Slide units are supplied with integrated cylinder

1

Cylinders

Slide Units for RT2 series telescopic cylinders

■ J64RT2

CODIFICATION KEY

J	6	4	R	T	2	4	4	0	8	0	0	A
1	**2**		**3**		**4**	**5**		**6**				**7**

1 Series	**2** Slide unit type	**3** Cylinder type
J = Slide unit - Shaft scrapers standard supplied	**64** = Fully protected telescopic cylinder	**RT2** = 2 stage telescopic cylinders

4 Slide unit size	**5** Cylinder bore (mm)	**6** Slide unit stroke (mm)	**7** Cylinder option
3 = 32 for Ø32 cylinders **4** = 40 for Ø40 cylinders **5** = 50 for Ø50 cylinders **6** = 63 for Ø63 cylinders	**3** = Ø32 **4** = Ø40 **5** = Ø50 **6** = Ø63	**Standard stroke** **0120 - 0160 - 0180 - 0200 - 0300 - 0400 - 0500** **0600 - 0700 - 0800 - 0900 - 1000 - 1100 - 1200** **Min - Max stroke** **0160 ÷ 0400** (Ø32) **0160 ÷ 0600** (Ø40) **0120 ÷ 0900** (Ø50) **0120 ÷ 1200 (**Ø63)	**A** = 2 stage telescopic cylinders

Slide Units for RP series compact cylinders

■ J65

CODIFICATION KEY

J	6	5	R	P	2	2	0	0	5	0	A
1	**2**		**3**		**4**	**5**		**6**			**7**

1 Series	**2** Slide unit type	**3** Cylinder type
J = Slide units - Shaft scrapers standard supplied	**65** = Fully protected cylinder, through opening	**RP** = UNITOP Ø25 mm compact cylinder

4 Slide unit size	**5** Cylinder bore (mm)	**6** Slide unit stroke (mm)	**7** Cylinder option
2 = 25 for Ø25 cylinders	**2** = Ø25	**0050 ÷ 0200**	**A** = Cylinder with long piston

Slide units are supplied with integrated cylinder