

KRTR

Twin Rod Cylinder

Ø16mm - Ø25mm



Features

- ♦ Non rotating function
- ♦ Adjustable end stops
- ♦ Magnetic versions as standard
- ♦ Optional reed switch kit

Materials

Body:	Anodised aluminium
Piston:	Aluminium
Piston rod:	416 Stainless steel
Piston seal:	NBR
Front end seal:	NBR
Front end bearing:	Sintered bronze
Wear ring:	PTFE
Endcaps:	Anodised aluminium

Description

KRTR Double acting, twin rod pneumatic cylinder, fixed buffer, magnetic piston.

Technical Specifications

Pressure range:	1 to 7 bar
Temperature range:	-10°C to +70°C
Media:	Compressed and filtered air, dry or lubricated
Non rotating accuracy:	±0.4°
Reed Switch Kit:	Comprising (1x) self mounting, normally open switch with LED and 1m flying lead

Part Number	Cyl Ø	25	50	75	100	125	150	175	200	250	300	Reed switch kit (Optional)	Shock absorbers (Optional)
KRTR016....	(2 x 16)	●	●	●	●	●	●	●	●	●	●	W265283	-
KRTR020....	(2 x 20)	●	●	●	●	●	●	●	●	●	●	W265283	-
KRTR025....	(2 x 25)	●	●	●	●	●	●	●	●	●	●	W265283	-

Cylinder Ø (mm)	Maximum vertical load on endplate (N)						Theoretical cylinder thrust (N) @ pressure (bar)								
	(S) Stroke length - mm						P bar	1	2	3	4	5	6	7	
16	7.5	6.2	4.7	3.6	3.2	2.7	Out	39	79	118	158	197	237	276	
16	7.5	6.2	4.7	3.6	3.2	2.7	In	30	59	89	118	148	177	207	
20	9.4	8.2	6.7	5.9	4.7	3.9	Out	62	123	185	246	304	370	431	
20	9.4	8.2	6.7	5.9	4.7	3.9	In	46	92	139	185	231	277	323	
25	14.1	12.8	9.8	7.8	6.7	5.9	Out	96	193	289	385	481	577	674	
25	14.1	12.8	9.8	7.8	6.7	5.9	In	74	148	222	296	370	444	519	

N = Newtons

Ordering Information:

Cylinder type + Ø + (S) Stroke

Example: KRTR 016 0025

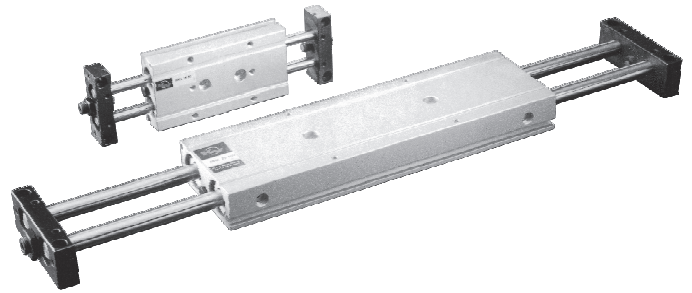
Optional items should be ordered separately



KRSL

Body Mounted Slide Cylinder

Ø16mm - Ø25mm



Features

- ♦ Fixed body with moving endplates
- ♦ End stop adjustment screws
- ♦ Fixed end of stroke buffers
- ♦ Optional shock absorbers
- ♦ Optional reed switch kit

Materials

Body:	Anodised aluminium
Piston:	Aluminium
Piston rod:	Stainless steel
Piston seal:	NBR
Piston rod seals:	NBR
Piston rod bearing:	Sintered bronze
Wear ring:	PTFE
Endcaps:	Anodised aluminium

Description

KRSL Double acting, twin through rod pneumatic cylinder, fixed buffer, optional shock absorbers, magnetic piston.

Technical Specifications

Pressure range:	1 to 7 bar
Temperature range:	-10°C to +70°C
Media:	Compressed and filtered air, dry or lubricated
Non rotating accuracy:	±0.2°
Maximum speed:	500mm/sec
Cushioning:	Buffers or external shock absorbers
Reed Switch Kit:	Comprising (1x) self mounting, normally open switch with LED and 1m flying lead

Part Number	Cyl Ø	25	50	75	100	125	150	175	200	250	300	Reed switch kit (Optional)	Shock absorbers (Optional)
KRSL016....	(2 x 16)	•	•	•	•	•	•	•	•	•	•	W265283	KAC0806-3-NC
KRSL020....	(2 x 20)	•	•	•	•	•	•	•	•	•	•	W265283	KAC1008-2-NC
KRSL025....	(2 x 25)	•	•	•	•	•	•	•	•	•	•	W265283	KAC1210-2-NC

Cylinder Ø (mm)	Maximum vertical load on endplate (N)						Theoretical cylinder thrust (N) @ pressure (bar)							
	50	75	100	125	150	200	P bar	1	2	3	4	5	6	7
16	11.4	11.1	10.8	10.6	10.4	9.7		30	59	89	118	148	177	207
20	17.2	16.9	16.3	15.9	15.6	15.1		46	92	139	185	231	277	323
25	25.6	25.0	24.4	24.1	23.6	22.8		74	148	222	296	370	444	519

N = Newtons

Ordering Information:

Cylinder type + Ø + (S) Stroke

Example: KRSL 016 0150

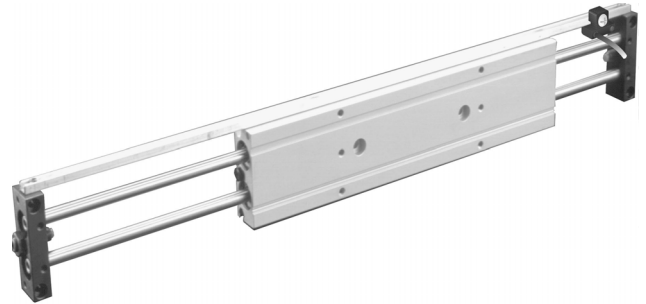
Optional items should be ordered separately



KRST

End Mounted Slide Cylinder

Ø16mm - Ø25mm



Features

- ♦ Fixed end plates with moving body
- ♦ Fixed buffer end cushion
- ♦ Optional shock absorbers
- ♦ Magnetic piston as standard
- ♦ Hollow piston rods for ease of piping

Materials

Body:	Anodised aluminium
Piston:	Aluminium
Piston rod:	Stainless steel
Piston seal:	NBR
Piston rod seal:	NBR
Piston rod bearing:	Sintered bronze
Wear ring:	PTFE
Endcaps:	Anodised aluminium

Description

KRST Double acting, twin through rod pneumatic cylinder, hollow rods, fixed buffer, magnetic piston.

Technical Specifications

Pressure range:	1 to 7 bar
Temperature range:	-10°C to +70°C
Media:	Compressed and filtered air, dry or lubricated
Non rotating accuracy:	±0.4°
Maximum speed:	500mm/sec
Cushioning:	Buffer or external shock absorbers
Reed Switch Kit:	Comprising (1x) self mounting switch with LED and 1m flying lead
Shock absorbers:	Fixed or adjustable

Part Number	Cyl Ø	25	50	75	100	125	150	175	200	250	300	Reed switch kit (Optional)	Shock absorbers (Optional)
KRST016....	(2 x 16)	●	●	●	●	●	●	●	●	●	●	W265282	KAC0806-3-NC
KRST020....	(2 x 20)	●	●	●	●	●	●	●	●	●	●	W265282	KAC1008-2-NC
KRST025....	(2 x 25)	●	●	●	●	●	●	●	●	●	●	W265282	-KAC1008-2-NC

Cylinder Ø (mm)	Load kg	Vertical deflection at mid stroke mm		P bar	Theoretical cylinder thrust (N) @ pressure (bar)						
		100	200		1	2	3	4	5	6	7
16	1.0/2.0/3.0	0.02/0.05/0.07	0.12/0.25/0.37		30	59	89	118	148	177	207
20	1.5/2.5/4.0	0.015/0.06/0.045	0.085/0.185/0.25		46	92	139	185	231	277	323
25	2.0/3.0/5.0	0.01/0.01/0.02	0.05/0.08/0.13		74	148	222	296	370	444	519

N = Newtons

Ordering Information:

Cylinder type + Ø + (S) Stroke

Example: KRST 025 0200

Optional items should be ordered separately

