

Lk161 SERIES

16 passages Pneumatic Rotary Union--Can combine electric wires

LK161 series is 16 passages Pneumatic Rotary Union(Can combine electric wires), with connection size G1/8", compact size, light weight, low torque, Also optional for transmitting power line, signal line, industrial bus, control line, Electromagnetic valve, induction line, etc.; Standard installation is flange mounting.

Media Types: compressed Air/Gas, vacuum, etc.

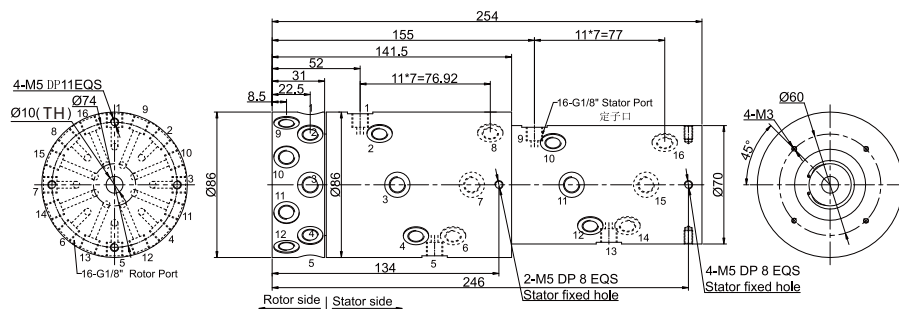
Product images



The pictures are for reference only

As the signal pathway increases or the combination of light and electricity results in changes in the appearance and size of the product, the actual product shall prevail.

LK161 Series Dimensions

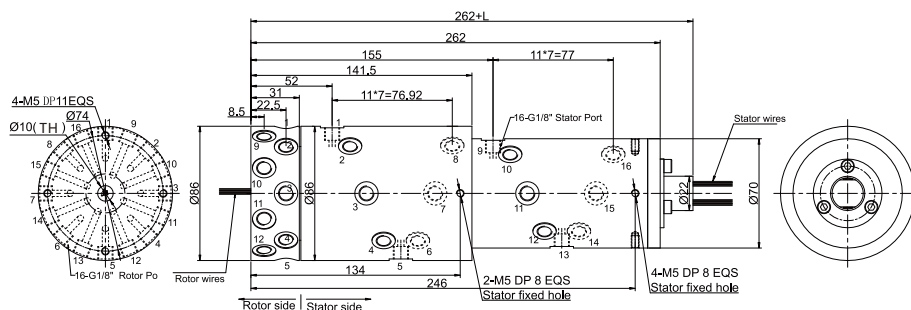


LK161 (rotary union only for pneumatic) drawing (16 in 16 out, connection size G1/8")

Parts List

Model	Passages	Connection Size	Adaptive tube
LK161	16	G1/8"	6mm

LK161S Series Dimensions

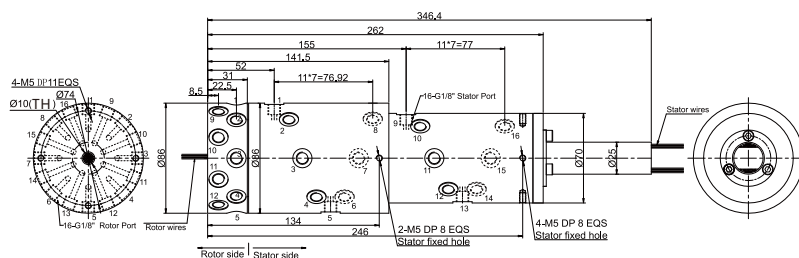


LK161S-S12 (S18, S24, S36) drawing 16 in 16 out, connection size G1/8" + 12~36 wires x signal(2A)

Parts List

Model	Passages	Connection Size	Adaptive tube	Signal(2A)	L(mm)
LK161S-S12	16	G1/8"	6mm	12	22.5
LK161S-S18	16	G1/8"	6~8mm	18	29.5
LK161S-S24	16	G1/8"	6~8mm	24	40.1
LK161S-S36	16	G1/8"	6~8mm	36 ~8mm	53.8

LK161S-S56 Series Dimensions

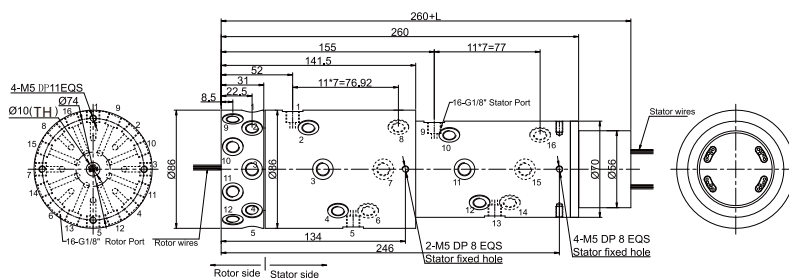


LK161S-S56 drawing 16 in 16 out, connection size G1/8"

Parts List

Model	Passages	Connection Size	Adaptive tube	Signal(2A)
LK161S-S56	16	G1/8"	6mm	56~8mm

LK161-PXX-SXX Series Dimensions



LK161-PXX-SXX drawing 16 in 16 out, connection size G1/8"+signal(5A)/10A.

Parts List

Model	Passages	Connection Size	Adaptive tube	10A	Signal(5A)	L(mm)
LK161-P0610	16	G1/8"	6~8mm	6	0	38
LK161-S06	16	G1/8"	6~8mm	0	6	38
LK161-P1210	16	G1/8"	6~8mm	12	0	54.8
LK161-P0610-S06	16	G1/8"	6~8mm	6	6	54.8
LK161-S12	16	G1/8"	6~8mm	0	12	54.8
LK161-P1810	16	G1/8"	6~8mm	18	0	71.5
LK161-P0610-S12	16	G1/8"	6~8mm	6	12	71.5
LK161-P1210-S06	16	G1/8"	6~8mm	12	6	71.5

Model	Passages	Connection Size	Adaptive tube	10A	Signal(5A)	L(mm)
LK161-S18	16	G1/8"	6~8mm	0	18	71.5
LK161-S24	16	G1/8"	6~8mm	0	24	88.4
LK161-P0610-S18	16	G1/8"	6~8mm	6	18	88.4
LK161-S30	16	G1/8"	6~8mm	0	30	105.2
LK161-S36	16	G1/8"	6~8mm	0	36	125

Note:10A and signal(5A) can be freely combined, please contact customer service for details.

Rotary Union Specifications

Parameter	Value
Passage	16 in 16 out, G1/8"
Max Pressure	1MPa(high pressure can be customized), Vacuum 0.01torr
Torque	Related to the connection size, please see the product selection table

Electrical Data

Parameter	Power	Signal
Rated Voltage	0~240VAC/VDC	0~240VAC/VDC
Insulation Resistance	≥500MΩ/500VDC	≥500MΩ/500VDC
Lead Wires	AWG17#Teflon/PVC	AWG22#Teflon/PVC
Lead Length	Standard 300mm(adjustable on request)	
Dielectric Strength	500VAC@50Hz, 60s	
Electrical Noise	<0.01Ω	

Mechanical Data

Parameter	Value
Working life	Over 10 Million Revs
Rated Rotating Speed	500RPM
Working Temperature	-30°C~80°C
Operating Humidity	0~85% RH
Contact Material	Precious Metal
Housing Material	Aluminium Alloy
Protection Grade	IP51