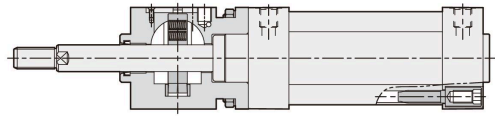


DNK series - Rod locking cylinder

Operating specification and Ordering expression

CHELIC PNEUMATIC

Internal structure



DN
Standard
Cylinder

DMB
Standard
Cylinder

DU
Standard
Cylinder

Specification

Item	Bore size (mm)	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100	
Stroke		25,50,75,100,125,150,175,200,250,300,350,400,450,500 (700,1000)						
Fluid		Air						
Material		Aluminum alloy						
Pressure range	Kgf/cm ² (Kpa)	4 ~ 6.5 (400 ~ 650)						
Min operated pressure for anchor	Kgf/cm ² (Kpa)	4 (400)	4 (400)	3.5 (350)	3.5 (350)	3 (300)	3 (300)	
Anchor operated direction		Two sides						
Locking retention forces	(None 1) Kgf	52	88	137	206	310	471	
Lock braking precision	(mm/sec)	Operate with a load ratio of 70% or less						
	50	±0.7	±0.8	±0.9	±0.8	±0.8	±1	
	100	±1	±1	±1	±1	±1.2	±1.4	
	(mm)	200	±1.3	±1.6	±1.4	±1.8	±2.1	±2.4
Temperature	°C	-10°C ~ 60°C						

DNK
Rod
Locking
Cylinder

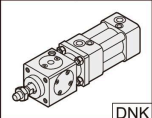
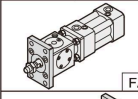
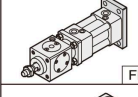
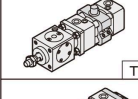
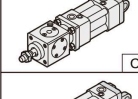
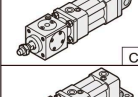
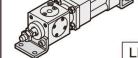
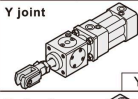
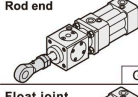
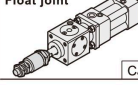
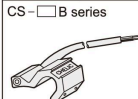
DNE
End lock
Cylinder

DCK2
Clamp
Cylinder

DCQ
Pin
Clamp
Cylinder

None 1 : Maximum design static load-horizontal installation site.

How to order

DNK	50	150	LB	Y	CS 50 B	2
Model	Bore size	Stroke	Mounting type	Accessory	Sensor switch	Number of sensor switch
 DNK : Standard cylinder	32 - Ø32 mm 40 - Ø40 mm 50 - Ø50 mm 63 - Ø63 mm 80 - Ø80 mm 100 - Ø100 mm	25 - 25 mm 50 - 50 mm 75 - 75 mm 100 - 100 mm 125 - 125 mm 150 - 150 mm 175 - 175 mm 200 - 200 mm 250 - 250 mm 300 - 300 mm 350 - 350 mm 400 - 400 mm 450 - 450 mm 500 - 500 mm	 FA  FB  TC  CA  CB  LB	 Y joint  Rod end  Float joint	 CS-□B series Sensor switch code : □ : None (without sensor switch) CS : With sensor switch Sensor switch code (CS-□B) CS 32B : Suitable for Ø32,Ø40 CS 50B : Suitable for Ø50,Ø63 CS 80B : Suitable for Ø80,Ø100	1 = 1 PCS 2 = 2 PCS