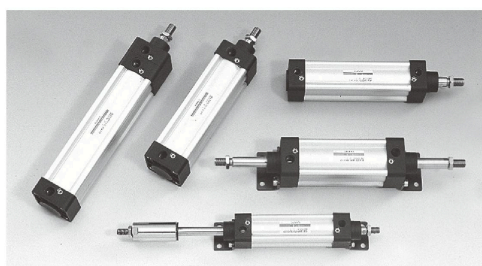


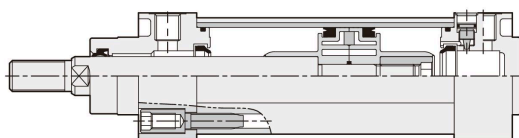
DN series - Standard cylinder

Operating specification and Ordering expression

CHELIC PNEUMATIC



Internal structure



DN
Standard
Cylinder

DMB
Standard
Cylinder

DU
Standard
Cylinder

Specification

ISO-6431

Item	Bore size (mm)	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100	Ø125	Ø160	Ø200
Operation		Double acting								
Fluid		Air								
Mounting type		FA、FB、TC、CA、CB、LB								
Pressure range	Kgf/cm ² (Kpa)	1.5 ~ 9 (150 ~ 900)								
Operating ambient temperature range	°C	0 ~ 60								
Range of service speed	mm/sec	50 ~ 700								
Material		Aluminum alloy								
Cushion		Adjustable available								
Lubrication		Lubrication free								
Port size	Rc	PT 1/8"	PT 1/4"		PT 3/8"		PT 1/2"		PT 3/4"	
Sensing device		With magnet								
Standard stroke	mm	25、50、75、100、125、150、175、200、250、300、(350、400、450、500)								

DNK
Rod
Locking
Cylinder

DNE
End lock
Cylinder

DCK2
Clamp
Cylinder

DCQ
Pin
Clamp
Cylinder

How to order

DN

×

50

×

200

-

LB

-

Y

-

CS

50 B

-

2

Model

DN :
Standard type

DND :
Double - Rod type

DNL :
Adjustable stroke

Bore size

32 - Ø32 mm
40 - Ø40 mm
50 - Ø50 mm
63 - Ø63 mm
80 - Ø80 mm
100 - Ø100 mm
125 - Ø125 mm
160 - Ø160 mm
200 - Ø200 mm

Stroke

Ø32 25 ~ 500mm
Ø40 25 ~ 500mm
Ø50 25 ~ 500mm
Ø63 25 ~ 500mm
Ø80 25 ~ 500mm
Ø100 25 ~ 500mm
Ø125 25 ~ 500mm
Ø160 25 ~ 500mm
Ø200 25 ~ 500mm

The biggest stroke :
500mm

Mounting type

Accessory

I pin

Y pin

Rod eye clevis

Sensor switch

CS-□B series

Sensor switch code :
□ : None
(without Sensor switch)
CS : With Sensor switch
Sensor switch code (CS - □ B)
CS 32 B : Suitable for Ø32, Ø40
CS 50 B : Suitable for Ø50, Ø63
CS 80 B : Suitable for Ø80, Ø100
CS 125 B : Suitable for Ø125
CS 160 B : Suitable for Ø160
CS 200 B : Suitable for Ø200

Number of Sensor switch

1=1 PCS
2=2 PCS

FA : Front flange mounting
FB : Cap flange mounting
TC : Central trunnion
CA : Male clevis
CB : Female clevis
LB : Foot mounting