

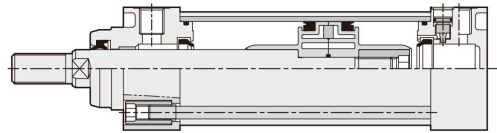
# DU series - Standard cylinder

Operating specification and Ordering expression

CHELIC PNEUMATIC



## Internal structure



**DN**  
Standard  
Cylinder

**DMB**  
Standard  
Cylinder

**DU**  
Standard  
Cylinder

**DNK**  
Rod  
Locking  
Cylinder

**DNE**  
End lock  
Cylinder

**DCK2**  
Clamp  
Cylinder

**DCQ**  
Pin  
Clamp  
Cylinder

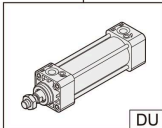
## Specification

Item	Bore size (mm)	Ø40	Ø50	Ø63	Ø80	Ø100	Ø125	Ø160	Ø200
Operation		Double acting							
Fluid		Air							
Mounting type		FA、FB、CA、CB、LB、TC							
Pressure range	Kgf/cm <sup>2</sup> (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 device		Pressure cushion							
Lubrication		Lubrication free							
Port size		G 1/4"		G 3/8"		G 1/2"		G 3/4"	
Sensing device		Option ( body length is the same )							
Standard stroke	mm	50、75、100、125、150、200、250、300、400、500(700 1000)							

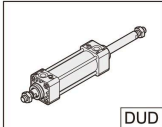
## How to order

**DU** × **50** × **200** - **LB** - **Y** - **CS** **50 F** - **2**

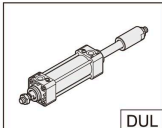
**Model**      **Bore size**      **Stroke**      **Mounting type**      **Accessory**      **Sensor switch**      **Number of Sensor switch**



**DU** :  
Standard type



**DUD** :  
Double-Rod type

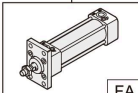
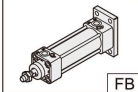
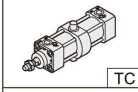
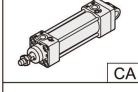
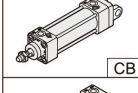
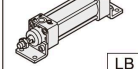


**DUL** :  
Adjustable stroke type

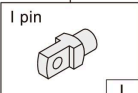
40 - Ø40 mm  
50 - Ø50 mm  
63 - Ø63 mm  
80 - Ø80 mm  
100 - Ø100mm  
125 - Ø125mm  
160 - Ø160mm  
200 - Ø200mm

Ø40 50~ 300mm  
Ø50 50~ 400mm  
Ø63 50~ 500mm  
Ø80 50~ 500mm  
Ø100 50~1000mm  
Ø125 50~1000mm  
Ø160 50~1000mm  
Ø200 50~1000mm

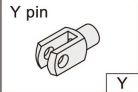
The biggest stroke :  
1000 mm

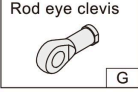
I pin

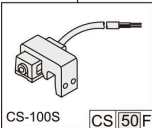


Y pin



Rod eye clevis





Sensor switch code :  
□ : None  
( without Sensor switch )  
CS : With Sensor switch  
Sensor switch code ( CS-100S )  
□ F : Suitable Sensor switch mounting

40 F : Suitable for Ø40  
50 F : Suitable for Ø50  
63 F : Suitable for Ø63  
80 F : Suitable for Ø80  
100 F : Suitable for Ø100  
125 F : Suitable for Ø125  
160 F : Suitable for Ø160  
200 F : Suitable for Ø200

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