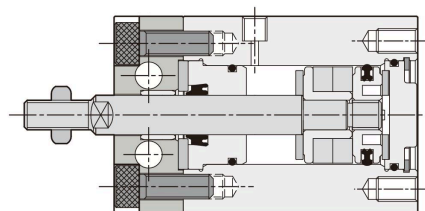


ND series - Free mount cylinder

Operating specification and Ordering expression

CHELIC PNEUMATIC

Internal structure



Specification

Unit : mm

Item	Bore size	Ø16	Ø20	Ø25	Ø32	Ø40
Operation		Double acting				
Fluid		Air				
Mounting type		Horizontal mounting, Side mounting, Vertical mounting, Flange mounting				
Pressure range	kgf/cm ² (kpa)	1.5 ~ 8.5 (150 ~ 850)				
Range of service temperature	℃	0 ~ 60				
Operated speed	mm / sec	50 ~ 700				
Body material		Aluminum alloy				
Cushion		Rubber washer				
Lubrication		Lubrication free				
Connection port		M5 X 0.8P			R c 1/8	
Sensor switch		Standard : Without magnet / S : With magnet				
Standard stroke	mm	10 , 20 , 30 , 40 , 50 , 60				

Bore size and Stroke

Standard

Item	Stroke	10	20	30	40	50	60
ND NDD	Ø16 ~ Ø40	●	●	●	●	●	●
NDI NDO	Ø16 ~ Ø40	●	●	●	—	—	—

With magnet

Item	Stroke	10	20	30	40	50	60
ND NDD	Ø16	●	●	●	●	●	—
	Ø20 ~ Ø40	●	●	●	●	●	●
NDI NDO	Ø16 ~ Ø40	●	●	●	—	—	—

How to order

ND	20	×	30	—	F	—	B	—	S	T	2
Model	Bore size		Stroke		Mounting type		Thread type		Sensor switch		
 ND : Standard (Double acting)	16 – Ø16 mm 20 – Ø20 mm 25 – Ø25 mm 32 – Ø32 mm 40 – Ø40 mm		Ø16 – 10 ~ 60 mm Ø20 – 10 ~ 60 mm Ø25 – 10 ~ 60 mm Ø32 – 10 ~ 60 mm Ø40 – 10 ~ 60 mm		 None : Standard		 None : Female thread		 CS-15T		
 NDI : Single acting (Normal in)					 F : Front flange mounting		 B : Male thread		None : Standard S : With magnet T : Sensor switch (CS-15T) 2 : Number of sensor switch 1 = 1 PCS 2 = 2 PCS		
 NDO : Single acting (Normal out)									None ● Magnet must be marked "S"		
 NDD : Double rod. Double acting					 M : Bottom flange mounting			Note ● Standard : female thread ● Male thread must be marked "B".			

NA
Cartridge
Cylinder

NA2
Cartridge
Cylinder

NB
Cartridge
Cylinder

NU
Free Mount
Cylinder

ND
Free Mount
Cylinder

NQ
Free Mount
Cylinder

MSI
Mini
Compact
Cylinder

JD
Compact
Cylinder

JG
Compact
Cylinder

JTD
Twin-Guide
Cylinder

JTF
Twin-Guide
Cylinder

JCB
Twin-Guide
Cylinder

JCF
Twin-Guide
Cylinder

JE
Compact
Cylinder