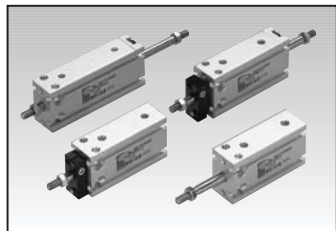


Direct Mount Cylinder Series NDM

Bore Size: $\phi 10$, $\phi 16$, $\phi 20$, $\phi 25$



- Space saving compact design
- Multiple mounting options
- Non-rotating rod type available
- Non lubricated service (standard)

Action	Series	Bore Size (mm)	Port Size	Standard Stroke (mm)	Description	Operating Pressure kgf/cm ² (psi)
Double Acting/Single Rod 	NDM	$\phi 10$	M5×0.8	5, 10, 15, 20, 25, 30,	-	0.5~7.0(7~100)
		$\phi 16$				
		$\phi 20$				
		$\phi 25$				
Double Acting/Double Rod 	NDMW	$\phi 10$	M5×0.8	5, 10, 15, 20, 25, 30,	-	
		$\phi 16$				
		$\phi 20$				
		$\phi 25$				
Double Acting/Non-Rotating Rod 	NDMK	$\phi 10$	M5×0.8	5, 10, 15, 20, 25, 30,	Non-Rotating Accuracy: ± 0.8	
		$\phi 16$		5, 10, 15, 20, 25, 30, 35, 40, 45, 50	Non-Rotating Accuracy: ± 0.5	
		$\phi 20$				
		$\phi 25$				
Double Acting/Non-Rotating/Double Rod 	NDMKW	$\phi 10$	M5×0.8	5, 10, 15, 20, 25, 30,	Non-Rotating Accuracy: ± 0.8	
		$\phi 16$		5, 10, 15, 20, 25, 30, 35, 40, 45, 50	Non-Rotating Accuracy: ± 0.5	
		$\phi 20$				
		$\phi 25$				

How to Order

NDM
D
10
—
30
D
—
W8HL
S

1
2
3
4
5
6
7
8

1 New Challenger
Direct Mount Cylinder

2 No Symbol : No magnet included
D : Magnet included

3 Series
Blank : standard(single Rod)
W : Double Rod
K : Non-Rotating
KW : Non-Rotating(Double Rod)

4 Bore Size

10 : $\phi 10$
16 : $\phi 16$
20 : $\phi 20$
25 : $\phi 25$

5 Stroke (mm)
 $\phi 10, 16$: 5, 10, 15, 20, 25, 30st
 $\phi 20, 25$: 5, 10, 15, 20, 25, 30, 40, 50st

6 Operation Type
D : Double-Acting

7 Auto-switch Types

No Symbol : No auto-switch
Connection : W8(H.V)-double wiring
No Connection : W9(H.V)-double wiring
(triple wiring : Optional)

Horizontal : H ; Vertical : V
*The length of lead wire is 1m (standard).
Symbol "L" shall be added to the model number in case the wire is 3m.
Ex : W8HL

8 Auto - switch Symbol
No symbol : two switches attached
S : one switch attached

Specifications/Standard Type

Fluid	Air
Proof Pressure	10.5kgf/cm ² (149 psi)
Max. Operating Pressure	7kgf/cm ² (100 psi)
Ambient and Fluid Temperature	5 ~ 60°C (14~140 °F)
Lubrication	Not Required
Cushion	Both Sides Rubber Cushion
Rod end Thread	Male Thread
Thread Tolerance	KS 2 Class
Stroke Allowance	+1.0 0 mm
Mounting	Basic Type
Piston Velocity	50~500mm/sec