

# Series **AMW**

## Double Rod End Type

Bore size /  $\phi 40$ ,  $\phi 50$ ,  $\phi 63$ ,  $\phi 80$ ,  $\phi 100$

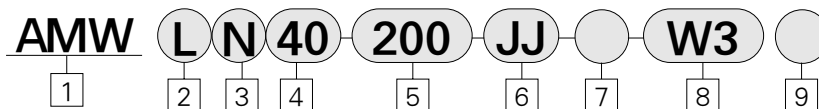


- DOUBLE ROD END TYPE CYLINDER
- LONG LIFE, HIGH SPEED OPERATION POSSIBLE
- NON-LUBRICATED OPERATION POSSIBLE
- AUTO SWITCH CAN BE MOUNTED (TIE ROD MOUNT TYPE)

Symbol



### How to Order



**1** Double Rod End Cylinder Built-in Magnet

**2** Mounting

**3** Type

Blank : Lubricated  
N : Non-lube  
H : Air-hydro

**4** Bore Size

**5** Stroke

**6** Rod Boot

J : Nylon tarpaulin(Single gaiter)  
JJ : Nylon tarpaulin(Double gaiter)  
K : Neoprene cloth(Single gaiter)  
KK : Neoprene cloth(Double gaiter)

**7** Order Made Option

**8** Applicable Auto Switch

**9** Number of Switch

#### Cylinder Stroke (mm)

Bore Size	Standard Stroke
$\phi 40$	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500
$\phi 50$	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600
$\phi 63$	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600
$\phi 80$	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700
$\phi 100$	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700

※ Other how to Order:

Same as that of Series AM/How to Order(Refer to page A-126)

ACP

UACP

AX

AS

AM

AL  
ALX

UARD

UAQ

AJ

AG

UAG

ADM

ADR

AMR

UAMR

AST

W~

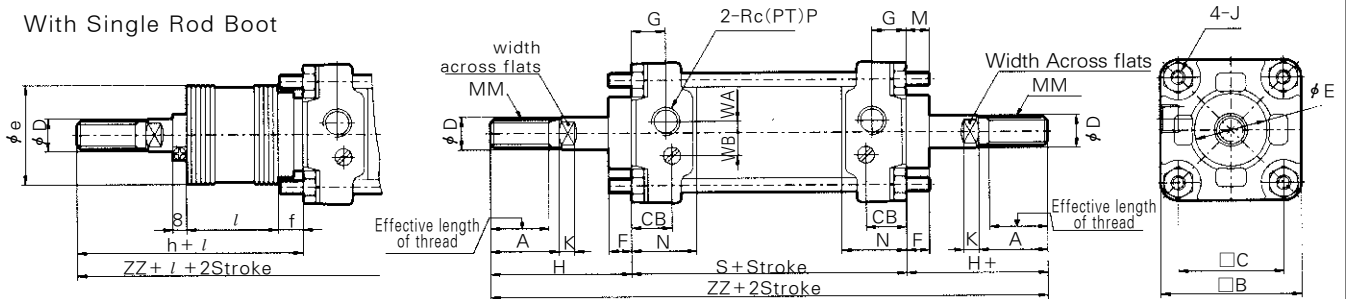
## Specifications

Type	Lube-Non-lube	Air-hydro
Fluid	Air	L.P.Oil
Proof pressure	15kgf/cm <sup>2</sup> {1,500kPa}	
Max.operating pressure	9.9kgf/cm <sup>2</sup> {990kPa}	
Min.operating pressure	0.8kgf/cm <sup>2</sup> {80kPa}	1.6kgf/cm <sup>2</sup> {160kPa}
Piston speed	50~500mm/s	0.5~300mm/s
Ambient and fluid temperature	5~60°C	
Cushion	Both side	None
Stroke tolerance	~250 <sup>st</sup> : <sup>+0</sup> / <sub>-0.1</sub> , 251~750 <sup>st</sup> : <sup>+0</sup> / <sub>-0.15</sub>	
Mounting	Basic, Foot, Flange, Center trunnion	

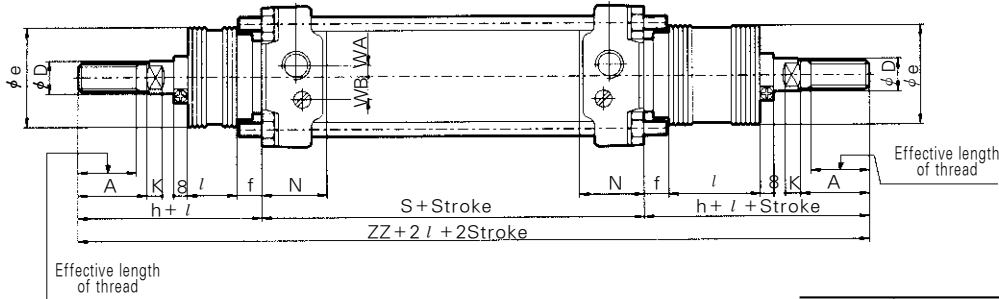
## Basic Type/(B)

Lube Type(AMWB), Non-Lube Type(AMWBN), Air-Hydro Type(AMWBH)

With Single Rod Boot



With Double Rod Boot



Bore size (mm)	Without Rod Boot		With Rod Boot(Single)					(Double)	
	H	ZZ	φe	f	h	l	ZZ	ZZ	
φ40	51	186	43	11.2	59	1/4 Stroke	194	202	
φ50	58	206	52	11.2	66		214	222	
φ63	58	214	52	11.2	66		222	230	
φ80	71	258	65	12.5	80		267	276	
φ100	72	270	65	14.0	81		279	288	

Bore size (mm)	Stroke range(mm)		Effective length of thread	□B □C		CA CB		φD φE		F G		J K		MM N		P S		WA WB			
	Without Rod Boot	With Rod Boot		A	□B	□C	CA	CB	φD	φE	F	G	J	K	M	MM	N	P	S	WA	WB
φ40	~500	20~500	27	30	60	44	18	18	16	32	10	15	M8×1.25	6	11	M14×1.5	27	1/4	84	5	10.5
φ50	~600	20~600	32	35	70	52	21	21	20	40	10	17	M8×1.25	7	11	M18×1.5	30	3/8	90	8	9.9
φ63	~600	20~600	32	35	85	64	21	21	20	40	10	17	M10×1.25	7	14	M18×1.5	31	3/8	98	9	11.5
φ80	~750	20~750	37	40	102	78	26	26	25	52	14	21	M12×1.75	11	17	M22×1.5	37	1/2	116	11	13
φ100	~750	20~750	37	40	116	92	28	28	30	52	14	21	M12×1.75	11	17	M26×1.5	40	1/2	126	13	14