

Series **AMK**

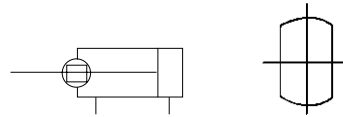
Non-Rotating Piston Rod Type

Non-Lube Type / ϕ 40, ϕ 50, ϕ 63



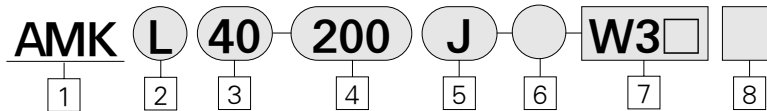
- HIGH NON-ROTATING ACCURACY/ $\pm 0.5^\circ$
- SAME MOUNTING DIMENSION AS OUR STANDARD TYPE
- AUTO SWITCH CAN BE MOUNTED (TIE ROD MOUNT TYPE)
- NON-LUBRICATED OPERATION POSSIBLE

Symbol



Piston Rod cross section

How to Order



1 Non-Rotating Piston-Rod Type Series (Built-in Magnet)

2 Mounting

3 Bore Size

4 Stroke

5 With Rod Boot

6 Order Made Option

7 Applicable Auto Switch

8 Number of Switch

Specification

Fluid	Air
Proof pressure	15kgf/cm ² {1.47MPa}
Max.operating pressure	9.9kgf/cm ² {0.97MPa}
Min.operating pressure	0.5kgf/cm ² {0.5MPa}
Ambient and fluid temperature	5~60℃
Piston speed	50~500mm/s
Cushion	Air Cushion
Stroke tolerance	ϕ 40:25~500 st : $^{+1.4}_0$, ϕ 50, ϕ 63:25~600 st : $^{+1.4}_0$
Allowable rotational torque	$\pm 0.5^\circ$
Lubrication	Not required
Bore size(mm)	ϕ 40, ϕ 50, ϕ 63,
Basic, Foot, front flange, Mounting	Basic, Foot, front flange, Rear flange, single clevis, Double clevis, Center trunnion

※ 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

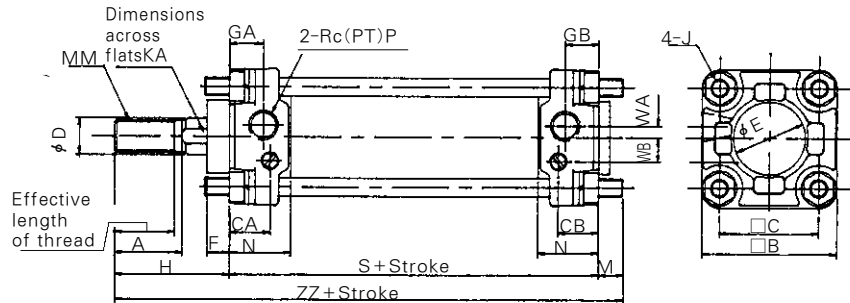
UAMR

AST

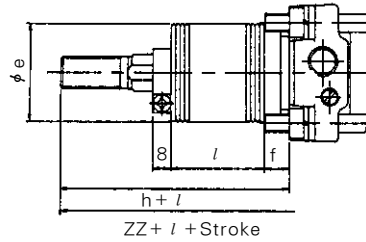
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Serise AMK

Basic Type(B)



With Single Rod Boot



Bore size (mm)	Stroke range		Effective length of thread	A	$\square B$	$\square C$	CA	CB	ϕD	ϕE	F	GA	GB	J	KA	MM	N	P	S	WA	WB
	Without Rod Boot	With Rod Boot																			
$\phi 40$	~500	20~500	27	30	60	44	18	18	16	32	10	15	15	M8×1.25	14	M14×1.5	27	1/4	84	5	10.5
$\phi 50$	~600	20~600	32	35	70	52	21	21	20	40	10	17	17	M8×1.25	18	M18×1.5	30	3/8	90	8	9.9
$\phi 63$	~600	20~600	32	35	85	64	21	21	20	40	10	17	17	M10×1.25	18	M18×1.5	31	3/8	98	9	11.5

Bore size (mm)	Without Rod Boot		With Rod Boot				
	H	ZZ	ϕe	f	h	l	ZZ
$\phi 40$	51	146	43	11.2	59	1/4 Stroke	154
$\phi 50$	58	159	52	11.2	66		167
$\phi 63$	58	170	52	11.2	66		178