



AHK series Parallel Wide Type Air Gripper



Feature

- Parallel shift clamp
- Built-in magnet
- Multiple ways to install

Specification

Item	Bore size(mm)	Ø16	Ø20	Ø25	Ø32
Action		Double acting			
Fluid		Air			
Pressure range	kgf / cm ² (kPa)	2 ~ 7 (200 ~ 700)			
Ambient and fluid temperature	°C	5 ~ 60			
Theoretical holding force	N	37	58	102	171
Max. gripper point length (L)	mm	40	50	60	70
Closing stroke	mm	12	14	15	16
Port size	mm	M5X0.8P			
Sensing device		With magnet			

Note: P: operating pressure 5kgf/cm², L: the gripping point length is 30mm

Product weight

Model	Weight (kg)
AHK Ø16	0.28
AHK Ø20	0.4
AHK Ø25	0.58
AHK Ø32	1.1

Note: All of above are theoretical data.
Weight tolerance about ±5%

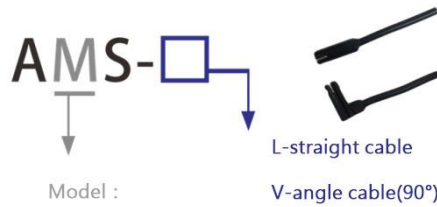
Code of order

AHK-16-AMS-L-2
① ② ③

①

Mark	Bore size (mm)
16	Ø16
20	Ø20
25	Ø25
32	Ø32

②

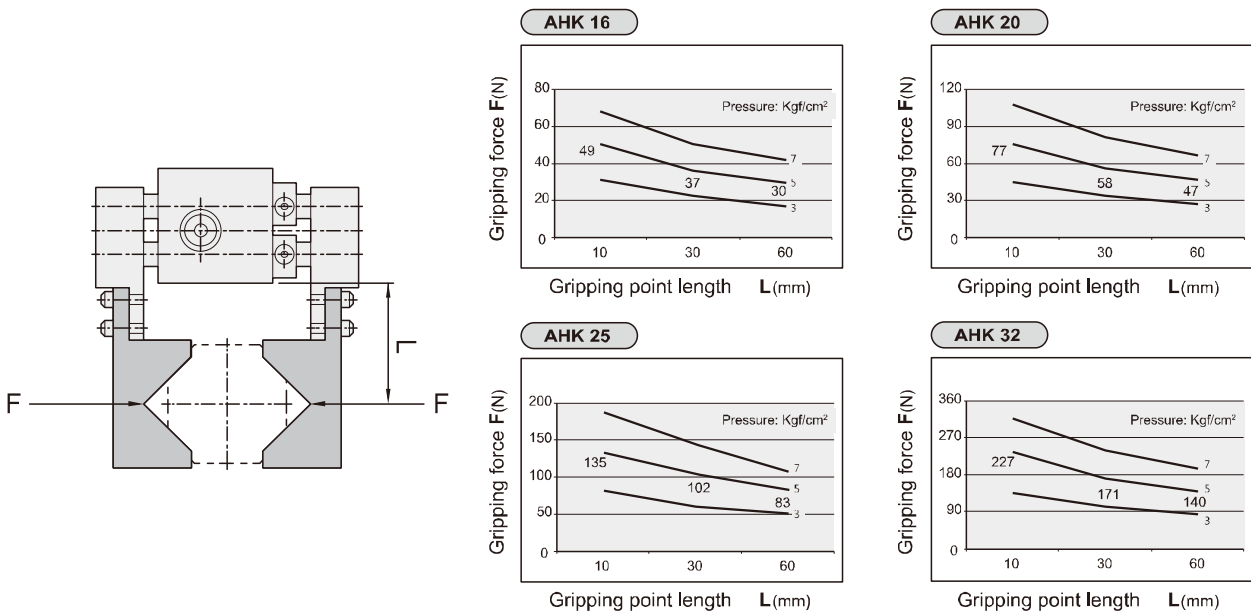


Model :
M-2 wire Without contact
N-3 wire Without contact(NPN)
P-3 wire Without contact(PNP)
wire length-L : 2000mm

③

Mark	Sensor quantity
1	With 1 sensor switch
2	With 2 sensor switches

Gripping force characteristic

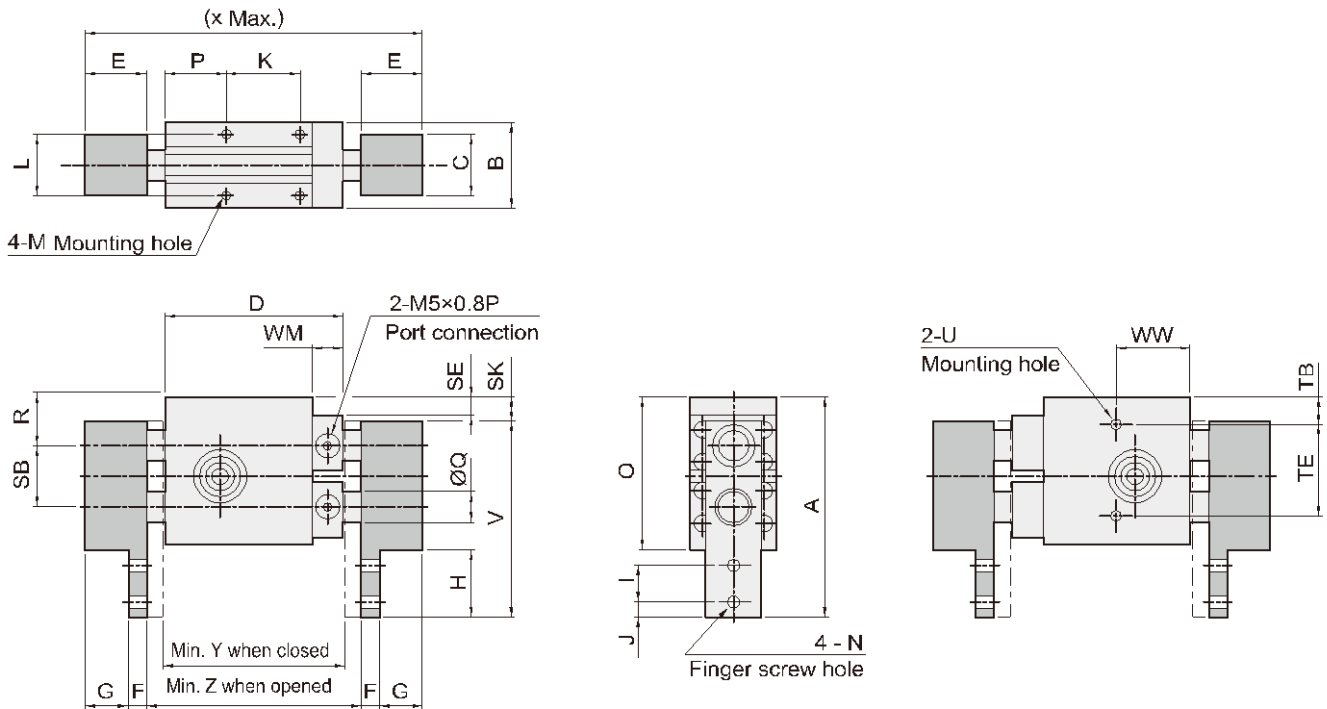


數據表

Model	The smallest operating pressure (kgf/cm ²)	Thread port (mm)	Effective gripping force (N)
AHK 16	2.2	4-M4x0.7P	37
AHK 20	2.2	4-Ø4.5	58
AHK 25	2.2	4-M6x1.0P	102
AHK 32	2.2	4-Ø6.5	171

Note: The gripping force is the force of open and close gripper which in the length of gripping point is 30mm and acting pressure is 5 kgf/cm².

Dimensions



Unit: mm

Model \ Mark	A	B	C	D	E	F	G	H	I	J	K	L	M
AHK 16	63.5	26	18	52	18	6	12	18	9	4	20	20	M3 x 0.5P dp 6
AHK 20	76	30	20	55	20	8	12	24	12	6	25	20	M4 x 0.7P dp 6
AHK 25	88	34	22	63	22	10	12	30	15	6	25	25	M4 x 0.7P dp 8
AHK 32	115	40	25	74	24	12	12	42	20	7	30	30	M5 x 0.8P dp 8

Unit: mm

Model \ Mark	N	O	P	Q	R	SB	SE	SK	TB	TE	U	V	WM	WW	X	Y	Z
AHK 16	M4x0.7P	43	16	8	14	19	5.5	6.5	8	31	M3 x 0.5P	57	10	20	100	52	64
AHK 20	Ø4.5	50	15	10	16.5	22	5.5	8	9.5	36	M4 x 0.7P	68	10	19	109	55	69
AHK 25	M6x1.0P	60	19	10	19.5	26	6.75	7	12.5	40	M5 x 0.8P	81	13	26.5	122	63	78
AHK 32	Ø6.5	78	17	12	26	34	9	16	13	60	M6 x 1.0P	99	10	32	138	74	90