PHFZ

Pneumatic Gripper 공압 그리퍼



특징(Features)

- 직경 ø6 ~ 40mm
- 스트로크(양측) 4 ~ 30mm
- 파지력 6 ~ 318 N (0.5MPa)
- 복동, 단동(초기 열림/닫힘)

주문코드

PHFZ - 2 - ① - ②

01	실린더 직경 (mm)
6	6
10	10
16	16
20	20
25	25
32	32
40	40

02	구동 방식
D	복동
S	단동(초기 위치 열림)
C	단동(초기 위치 닫힘)

자주 사용하는 주문코드

모델명(복동)
PHFZ-2-6-D
PHFZ-2-10-D
PHFZ-2-16-D
PHFZ-2-20-D
PHFZ-2-25-D
PHFZ-2-32-D
PHFZ-2-40-D

모델명(단동, 초기위치 열림)
PHFZ-2-6-S
PHFZ-2-10-S
PHFZ-2-16-S
PHFZ-2-20-S
PHFZ-2-25-S
PHFZ-2-32-S
PHFZ-2-40-S

모델명(단동, 초기위치 닫힘)
PHFZ-2-6-C
PHFZ-2-10-C
PHFZ-2-16-C
PHFZ-2-20-C
PHFZ-2-25-C
PHFZ-2-32-C
PHFZ-2-40-C

데이터 시트

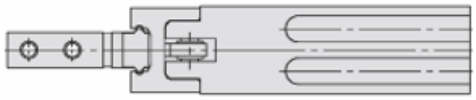
일반 기술 자료							
실린더 직경	6	10	16	20	25	32	40
공압 연결	M3 x 0.5		M5 x 0.8				
작동 압력-복동	0.20 ... 0.7 MPa		0.10 ... 0.7 MPa				
작동 압력-단동	0.35 ... 0.7 MPa		0.25 ... 0.7 MPa				
스트로크 (양측) mm	4	4	6	10	14	22	30
닫는 파지력 - 복동 (N)	6	16	45	65	104	193	318
열림 파지력 - 복동 (N)	3	11	34	42	65	158	254
닫는 파지력 - 단동 (N)	3	13	38	57	83	160	265
열림 파지력 - 단동 (N)	2	7	27	33	45	130	215
질량 (g)	25	55	115	230	420	715	1275

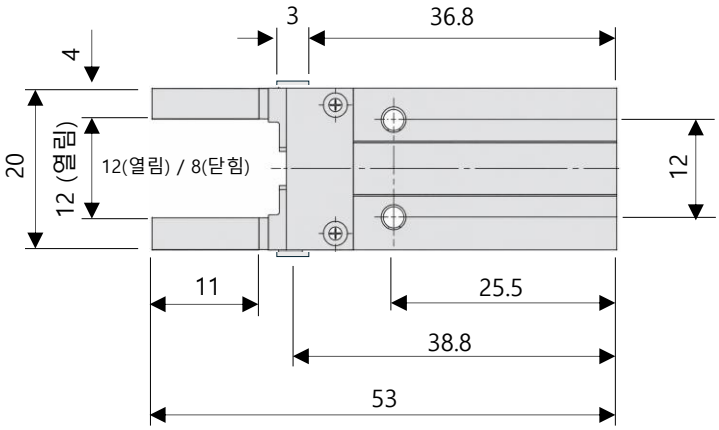
* 0.5 Mpa 기준에서 파지력 값

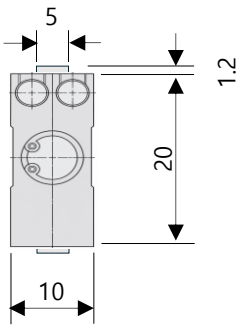
작동 및 환경 조건	
사용매체	압축공기
주위온도 및 사용유체온도	-10 ~ +60℃

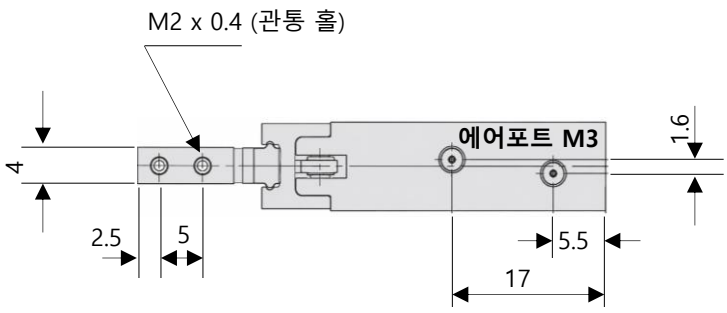
재질	
하우징	알루미늄 합금
피스톤	스테인리스 강
핑거	스테인리스강
가이드	스테인리스강
패킹	NBR
댐퍼	폴리우레탄

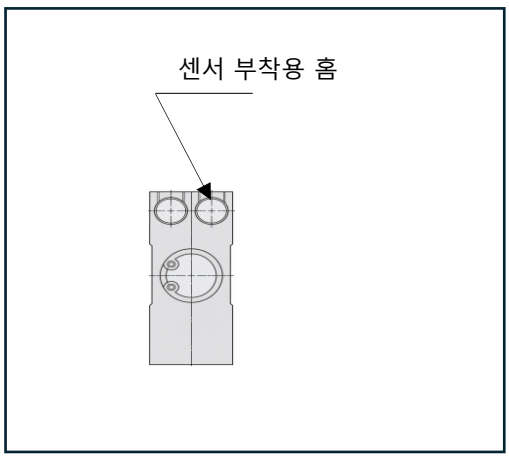
PHFZ-6



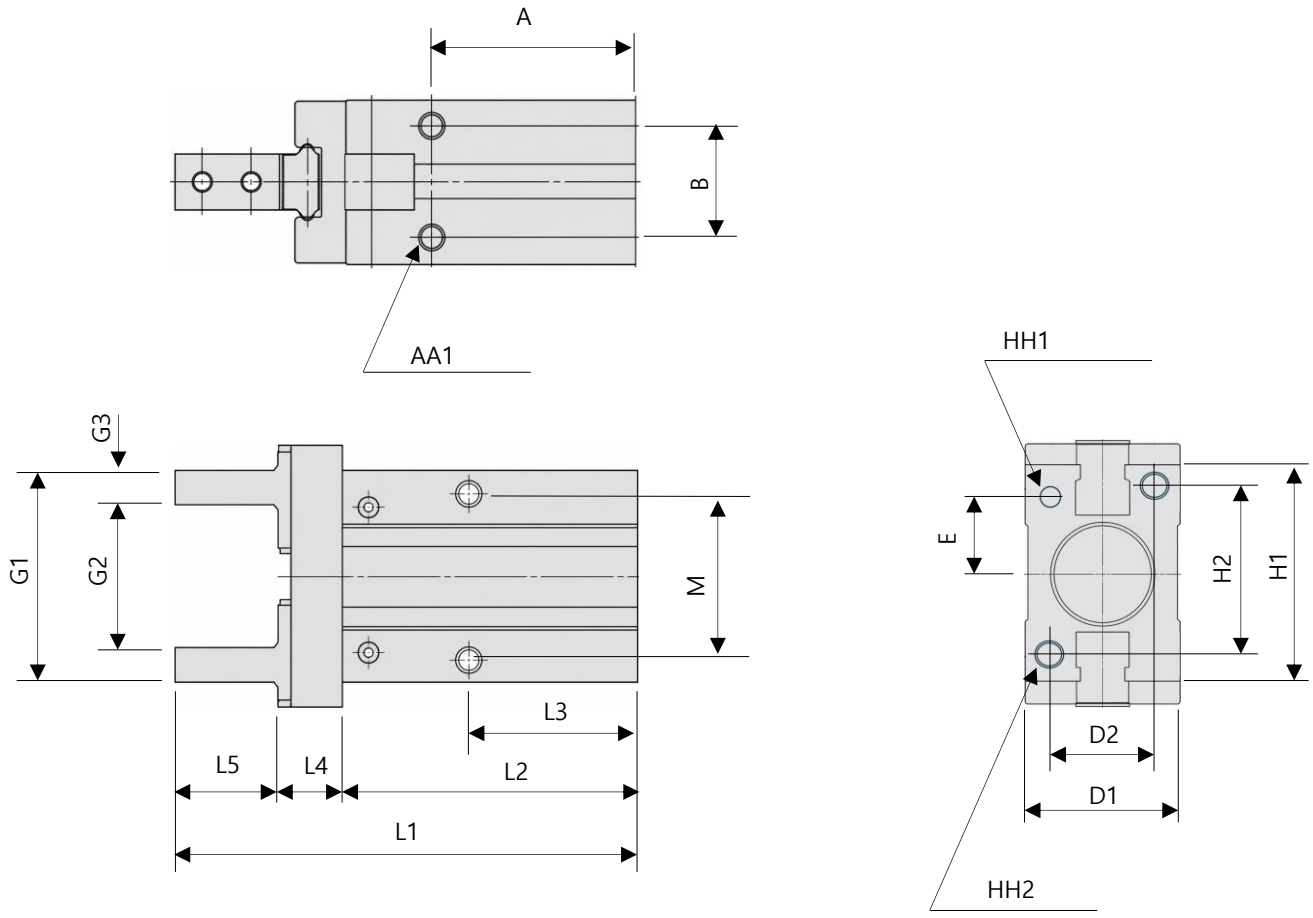

3
36.8
4
20
12 (열림)
12(열림) / 8(닫힘)
12
11
25.5
38.8
53

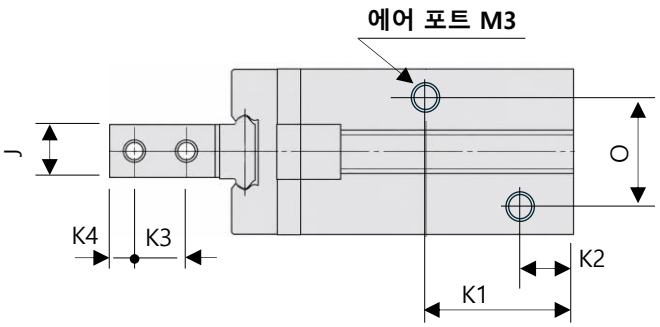

5
1.2
20
10

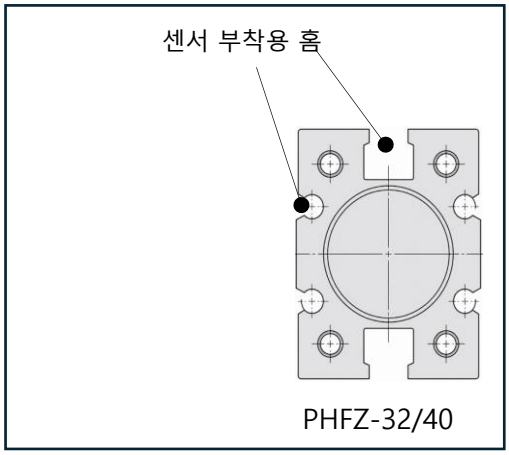

M2 x 0.4 (관통 홀)
에어포트 M3
1.6
4
2.5
5
5.5
17


센서 부착용 홈

PHFZ-10/16/20/25



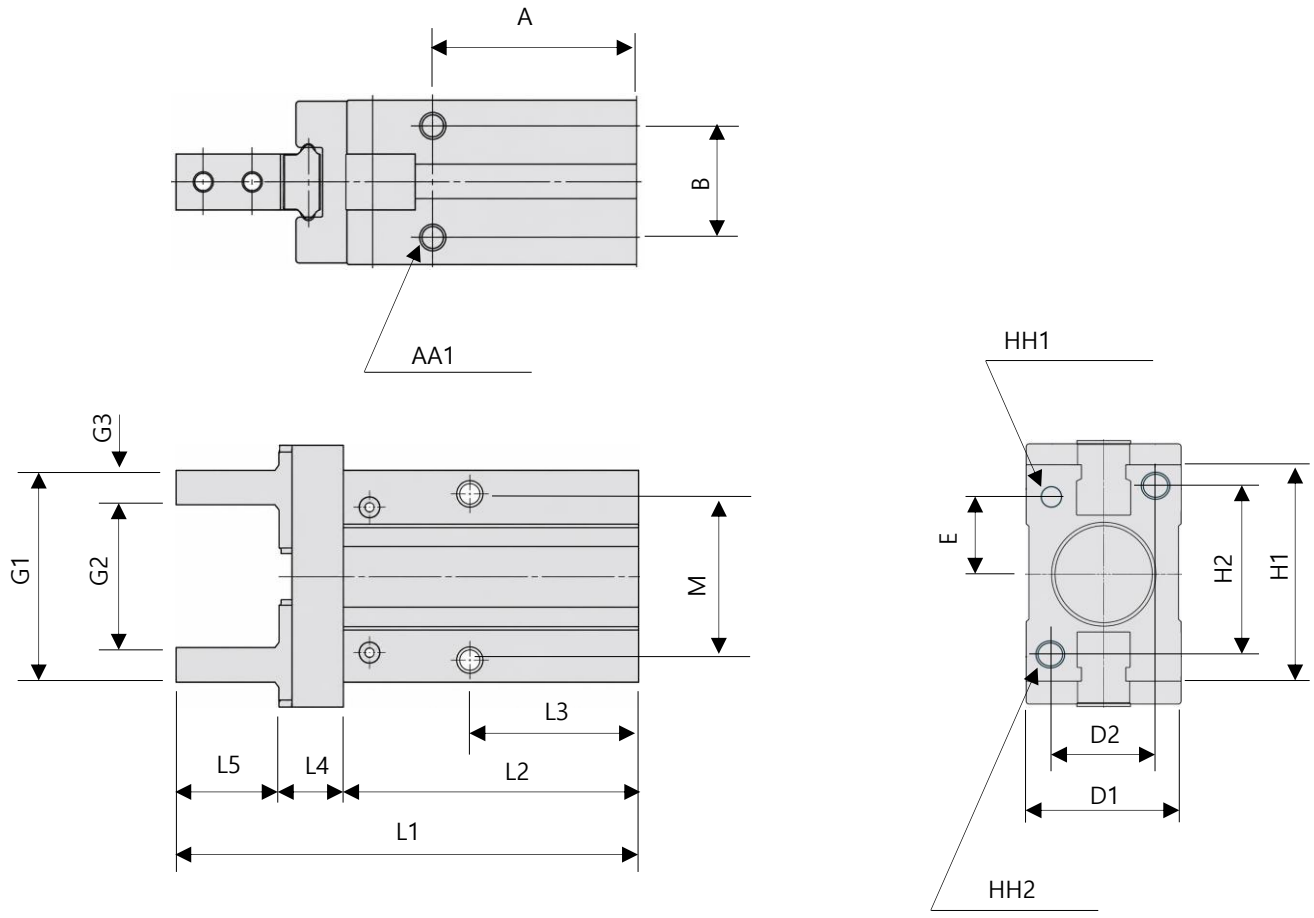


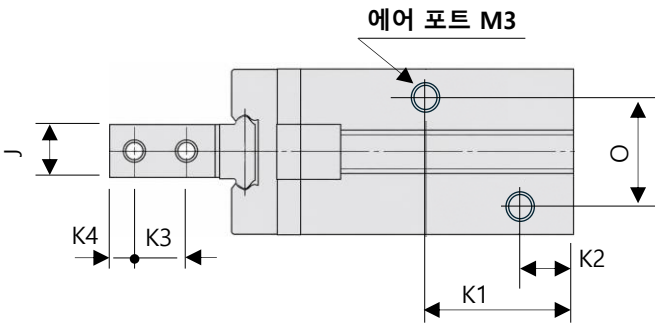


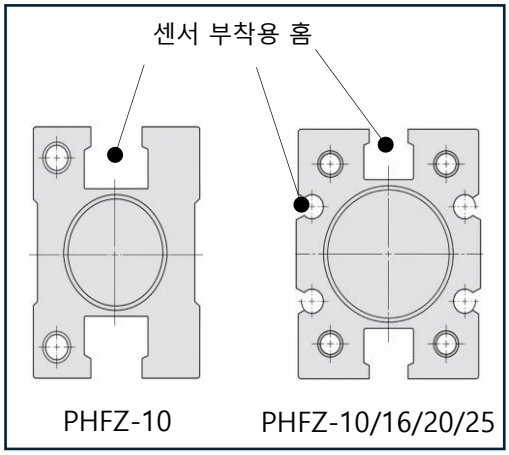
모델명	A	B	L1	L2	L3	L4	L5	G1	G2(O)	G2(C)	G3	M	D1	D2	E	H1	H2
PHFZ-2-10-D	27.0	11.4	57.0	37.8	23.0	6.0	12.0	29.0	15.2	11.2	4.0	16.0	16.4	12.0	7.6	23.0	18.0
PHFZ-2-16-D	30.0	16.0	67.3	42.5	24.5	7.5	15.0	38.0	21.0	15.0	5.0	24.0	23.6	16.0	11.0	30.6	22.0
PHFZ-2-20-D	35.0	18.6	84.8	52.8	29.0	9.5	20.0	50.0	26.3	16.3	8.0	30.0	27.6	18.0	16.8	42.0	32.0
PHFZ-2-25-D	36.5	22.0	102.7	63.6	30.0	11.0	25.0	63.0	33.3	19.3	10.0	36.0	33.6	22.0	21.8	52.0	40.0

모델명	J	K1	K2	K3	K4	O	AA1	HH1	HH2	
PHFZ-2-10-D	5.0	19.0	9.0	5.7	3.0	11.0	M3 x 0.5 / DP 6	Ø2H9 DP 3	M3 x 0.5 / DP 6	
PHFZ-2-16-D	8.0	19.0	7.5	7.0	4.0	13.0	M4 x 0.7 / DP 8	Ø3H9 DP 3	M4 x 0.7 / DP 8	
PHFZ-2-20-D	10.0	23.0	10.0	9.0	5.0	15.0	M5 x 0.8 / DP 10	Ø4H9 DP 4	M5 x 0.8 / DP 10	
PHFZ-2-25-D	12.0	23.5	10.7	12.0	6.0	20.0	M6 x 1.0 / DP 12	Ø4H9 DP 4	M6 x 1.0 / DP 12	

PHFZ-32/40







모델명	A	B	L1	L2	L3	L4	L5	G1	G2(O)	G2(C)	G3	M	D1	D2	E	H1	H2
PHFZ-2-32-D	48.0	26.0	113.0	67.0	40.0	12.0	29.0	97.0	48.0	26.0	12.0	46.0	40.0	26.0	23.0	60.0	46.0
PHFZ-2-32-C (단동)	57.0	26.0	122.0	76.0	49.0	12.0	29.0	97.0	48.0	26.0	12.0	46.0	40.0	26.0	23.0	60.0	46.0
PHFZ-2-40-D	58.0	32.0	139.0	83.0	49.0	15.0	36.0	119.0	60.0	30.0	14.0	56.0	48.0	32.0	29.0	72.0	56.0
PHFZ-2-40-C (단동)	71.0	32.0	152.0	96.0	62.0	15.0	36.0	119.0	60.0	30.0	14.0	56.0	48.0	32.0	29.0	72.0	56.0

모델명	J	K1	K2	K3	K4	O	AA1	HH1	HH2	
PHFZ-2-32-D	15.0	31.0	11.0	14.0	7.0	24.0	M6 x 1.0 / DP 13	Ø5H9 DP 5	M6 x 1.0 / DP 13	
PHFZ-2-32-C (단동)	15.0	37.0	11.0	14.0	7.0	24.0	M6 x 1.0 / DP 13	Ø5H9 DP 5	M6 x 1.0 / DP 13	
PHFZ-2-40-D	18.0	38.0	12.0	17.0	9.0	28.0	M8 x 1.25 / DP 16	Ø5H9 DP 5	M8 x 1.25 / DP 16	
PHFZ-2-40-C (단동)	18.0	45.0	12.0	17.0	9.0	28.0	M8 x 1.25 / DP 16	Ø5H9 DP 5	M8 x 1.25 / DP 16	