

XHS3 Series Slide Guide Air Gripper(Round Body)



XHS3-20D

Ordering Code

XHS

3



32

D

Series Code
XHS: Round Body
Type

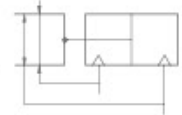
Finger uantity
3: 3PCS

Type
Blank: Standard
J: With Cover
L: Long Stroke

Cylinder Bore
16mm~80mm
16mm~125mm

Action
D: Double-acting

Graphic Symbol



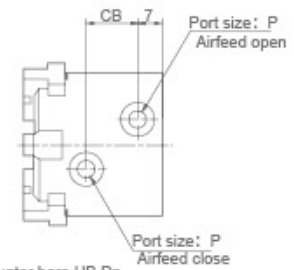
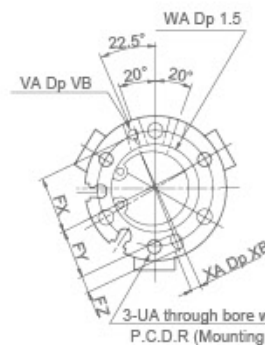
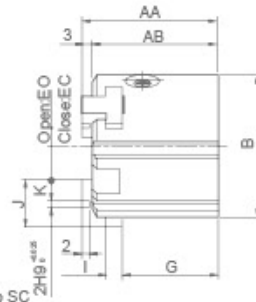
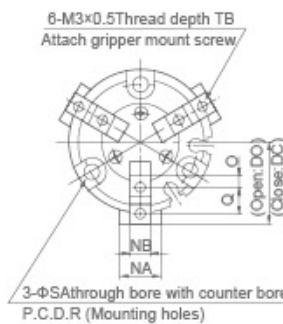
Specification

Bore(mm)		16	20	25	32	40	50	63	80	100	125
Working Medium						Air					
Operating Pressure Range		0.2~0.6MPa			0.1~0.6MPa						
Ambient And Fluid						-10~60℃					
Repeatability Precision		±0.01									
Max.motion Frequency			120c.p.m			60c.p.m			30c.p.m		
Lubrication		Not required									
Motion Pattern						Double acting					
Note:Grip Power Pressure 0.5Mpa	Outer Diametter Grip	14	25	42	74	118	187	335	500	750	1270
	Inner Diametter Grip	16	28	47	82	130	204	359	525	780	1320
	With Dustpreient Cover Outer Diametter Grip	9	21	36	62	97	155	280	400	-	-
With Cover-standard Gripper Stroke		4	4	6	8	8	12	16	20	24	32
Long Stroke Gripper Stroke		10	10	12	16	20	28	32	40	48	64
Port Size		M3×0.5			M5×0.8			1/8		1/4	3/8
Magnetism switch		With magnet									

Note: Grip outer diameter power,Φ16-Φ25grip distance L=20mm,、Φ32-Φ63, grip distance L=30mm,Φ80-Φ125,grip distance L=50mm

Overall Dimensions

XHS3-16D~25D



Dimension Sheet

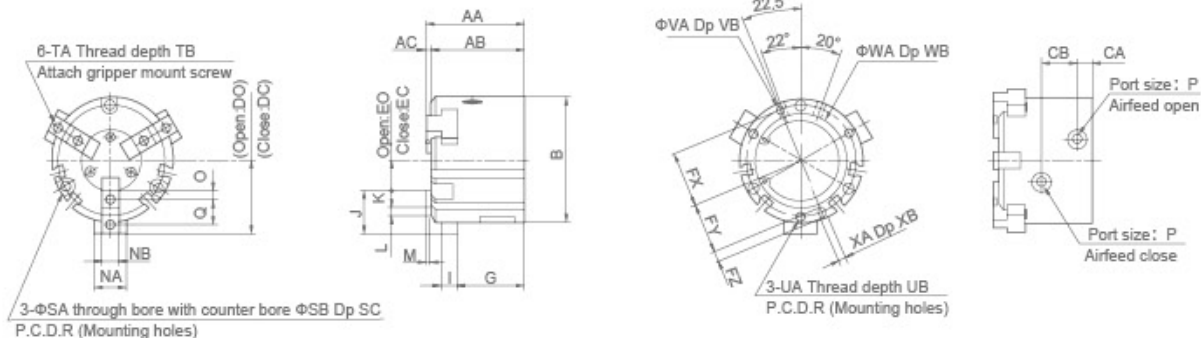
Bore(mm)	AA	AB	B	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	NA	NB	O	P	Q	R
16	35	32	30	11	15	17	5	7	12.5	11	3	25	4	10	4	8	5h9 ⁰ _{-0.030}	2	M3x0.5	6	25
20	38	35	36	13	18	20	6	8	14.5	13	3	27	5	12	5	10	6h9 ⁰ _{-0.030}	2.5	M5x0.8	7	29
25	40	37	42	15	21	24	7	10	17	14.5	5	28	5	14	6	12	6h9 ⁰ _{-0.030}	3	M5x0.8	8	34

Bore(mm)	SA	SB	SC	TB	UA	UB	VA	VB	WA	XA	XB
16	3.4	6.5	8	5	M3x0.5	4.5	2H9 ^{+0.025} ₀	2	17H9 ^{+0.043} ₀	2H9 ^{+0.025} ₀	2
20	3.4	6.5	9.5	6	M3x0.5	6	2H9 ^{+0.025} ₀	2	21H9 ^{+0.052} ₀	2H9 ^{+0.025} ₀	2
25	4.5	8	10	6	M4x0.7	6	3H9 ^{+0.025} ₀	3	26H9 ^{+0.052} ₀	3H9 ^{+0.025} ₀	3

XHS3 Series Slide Guide Air Gripper(Round Body)

Overall Dimensions

XHS3-32D~80D



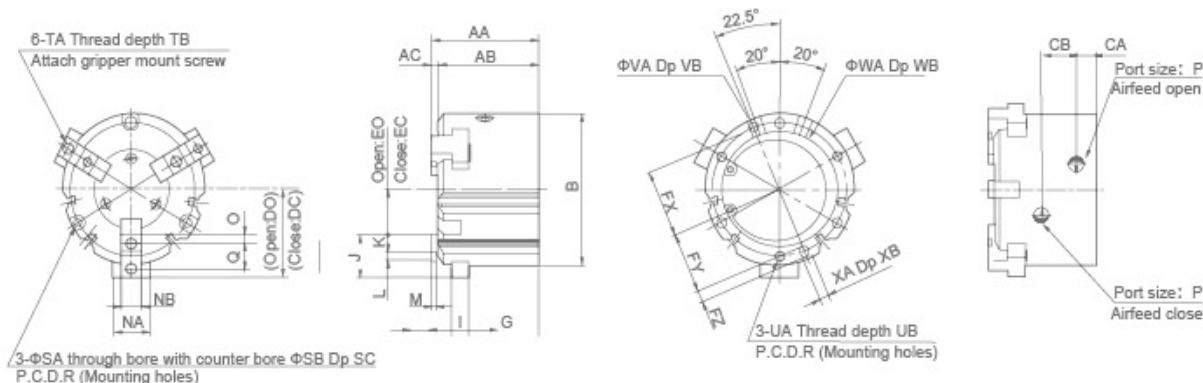
Overall Dimensions

Bore(mm)	AA	AB	AC	B	CA	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	L	M	NA	NB
32	44	41	3	52	8	16	28	32	8	12	22	19.5	5	30.5	6	20	9	2H9 ^{+0.025} ₀	2	14	8H9 ⁰ _{-0.036}
40	47	44	3	62	9	17	31	35	10	14	26.5	23.5	6	32	7	21	9	3H9 ^{+0.025} ₀	2	16	8H9 ⁰ _{-0.036}
50	55	52	3	70	9	20	35	41	11	17	31	28	6	37.5	9	24	10	4H9 ^{+0.030} ₀	2	18	10H9 ⁰ _{-0.036}
63	66	62	4	86	12	22	43	51	15	23	38	34.5	7	44	11	28	11	6H9 ^{+0.030} ₀	3	24	12H9 ⁰ _{-0.043}
80	82	77	5	106	13.5	27	53.5	63.5	21.5	31.5	47.5	43.5	8	56	12	32	12	8H9 ^{+0.036} ₀	4	28	14H9 ⁰ _{-0.043}

Bore(mm)	O	P	Q	R	SA	SB	SC	TA	TB	UA	UB	VA	VB	WA	WB	XA	XB	YC
32	4.5	M5×0.8	11	44	4.5	8	9	M4×0.7	8	M4×0.7	6	3H9 ^{+0.025} ₀	3	34H9 ^{+0.062} ₀	2	3H9 ^{+0.025} ₀	3	6
40	4.5	M5×0.8	12	53	5.5	9.5	9	M5×0.8	8	M5×0.8	7.5	5H9 ^{+0.025} ₀	4	42H9 ^{+0.062} ₀	2	4H9 ^{+0.030} ₀	4	8
50	5	M5×0.8	14	62	5.5	9.5	12	M5×0.8	10	M5×0.8	10	4H9 ^{+0.030} ₀	4	52H9 ^{+0.074} ₀	2	4H9 ^{+0.030} ₀	4	7
63	5.5	M5×0.8	17	76	6.6	11	14	M5×0.8	10	M6×1	9	5H9 ^{+0.030} ₀	5	65H9 ^{+0.074} ₀	2.5	5H9 ^{+0.030} ₀	5	7.5
80	6	Rc1/8	20	95	6.6	11	19	M6×1	12	M6×1	12	6H9 ^{+0.030} ₀	6	82H9 ^{+0.087} ₀	3	6H9 ^{+0.030} ₀	6	8

Overall Dimensions

XHS3-100D~125D



Dimension Sheet

Bore(mm)	AA	AB	AC	B	CA	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	L	M	NA	NB
100	96	90	6	134	18	30.6	66	78	28	40	59	54	10	63	15	38	15	8H9 ^{+0.036} ₀	4	34	18H9 ⁰ _{-0.043}
125	122	114	8	166	23.5	38	82	98	30	46	74	68	12	84	18	52	21	10H9 ^{+0.036} ₀	6	40	22H9 ⁰ _{-0.052}

Bore(mm)	O	P	Q	R	SA	SB	SC	TA	TB	UA	UB	VA	VB	WA	WB	XA	XB
100	7.5	Rc1/4	23	118	9	14	21	M8×1.25	16	M8×1.25	16	8H9 ^{+0.036} ₀	6	102H9 ^{+0.087} ₀	4	8H9 ^{+0.036} ₀	6
125	10.5	Rc3/8	31	148	11	17.5	34	M10×1.5	20	M10×1.5	20	10H9 ^{+0.036} ₀	8	130H9 ^{+0.100} ₀	6	10H9 ^{+0.036} ₀	8