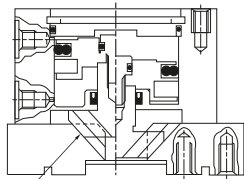


Cylinder

Best for clamping square objects



Wedge cam structure can increase clamping force

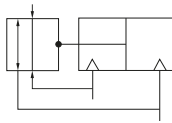
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMHRQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Specifications

Model		NMHS4-16D	NMHS4-20D	NMHS4-25D	NMHS4-32D	NMHS4-40D	NMHS4-50D	NMHS4-63D
Bore size(mm)		16	20	25	32	40	50	63
Fluid		Air (to be filtered by 40μm filter element)						
Operating pressure		0.2~0.6MPa			0.1~0.6MPa			
Ambient and fluid temperature		-10~+60℃						
Repeatability (mm)		±0.01						
Max.operating frequency(c.p.m)		120c.p.m.			60c.p.m.			
Lubrication		Not required						
Action		Double action						
Effective gripping force (N)at 0.5MPa Note)	External grip	10	19	31	55	88	140	251
	Internal grip	12	21	35	61	97	153	268
Finger stroke (mm)		4	4	6	8	8	12	16
Pipe size		M3×0.5			M5×0.8			
Magnetic switch		Built in magnetic ring type						
Magnetic switch model		M9P(V),M9N(V),M9B(V),F9BA			Y69A,Y59A,Y59B,Y69B,Y7BA,Y7NW			

Note: Values for Φ16 to Φ25 are with gripping point L=20mm, and for Φ16 to Φ25 with gripping point L=30mm.

Symbol



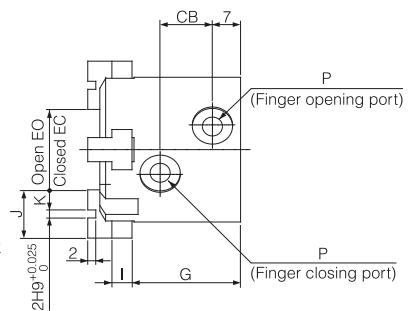
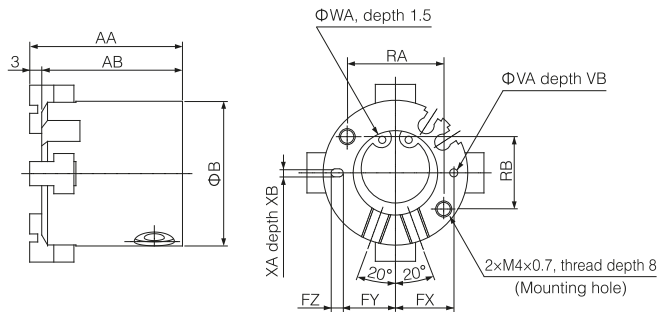
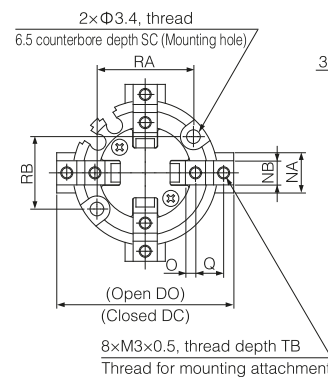
Ordering code

NMHS	4	-	20	D	-	M9N	☐
Number of fingers	Bore size	Acting type	Number of magnetic switches				
4 4 fingers	16 16mm 20 20mm 25 25mm 32 32mm 40 40mm 50 50mm 63 63mm	D Double acting	Blank 2 pcs. S 1 pc.				
				Magnetic switch model			
				Blank Without magnetic switch(Built-in magnet)			

* Behind the magnetic switch model, Wire length representation mark: no mark: -0.5m, L-3m, Z-5m.
Example: M9NL

Dimensions

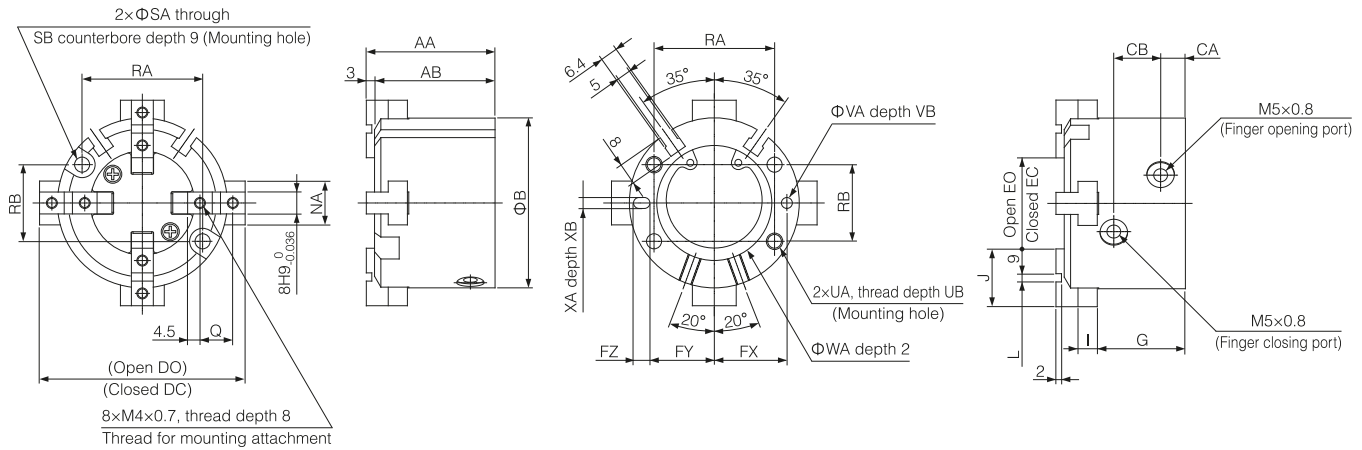
NMHS4-16D~25D



Model	AA	AB	B	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	NA	NB	O	P	Q
NMHS4-16D	35	32	30	11	33	37	13	17	12.5	11	3	25	4	10	4	8	5h9 ⁰ _{-0.030}	2	M3×0.5	6
NMHS4-20D	38	35	36	13	39	43	15	19	14.5	13	3	27	5	12	5	10	6h9 ⁰ _{-0.030}	2.5	M5×0.8	7
NMHS4-25D	40	37	42	1	48	54	20	26	17	14.5	5	28	5	14	6	12	6h9 ⁰ _{-0.030}	3	M5×0.8	8

Model	RA	RB	SC	TB	VA	VB	WA	XA	XB
NMHS4-16D	18	16	8	5	2H9 ^{+0.025} ₀	2	17H9 ^{+0.043} ₀	2H9 ^{+0.025} ₀	2
NMHS4-20D	24	18	9.5	6	2H9 ^{+0.025} ₀	2	21H9 ^{+0.052} ₀	2H9 ^{+0.025} ₀	2
NMHS4-25D	26	22	10	6	3H9 ^{+0.025} ₀	3	26H9 ^{+0.052} ₀	3H9 ^{+0.025} ₀	3

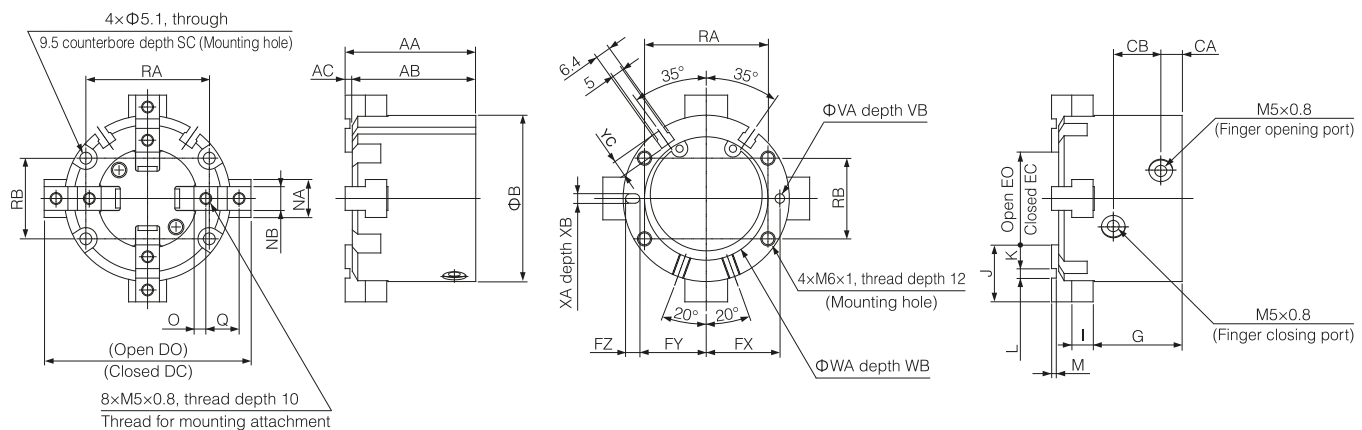
NMHS4-32D • 40D



Model	AA	AB	B	CA	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	L	NA	Q	RA	RB	SA
NMHS4-32D	44	41	56	8	16	60	68	20	28	23	20.5	5	30.5	6	20	2H9 ^{+0.025} ₀	14	11	38	25	4.5
NMHS4-40D	47	44	62	9	17	66	74	24	32	26.5	23.5	6	32	7	21	3H9 ^{+0.025} ₀	16	12	44	28	5.5

Model	SB	UA	UB	VA	VB	WA	XA	XB
NMHS4-32D	8	M5x0.8	10	3H9 ^{+0.025} ₀	3	34H9 ^{+0.062} ₀	3H9 ^{+0.025} ₀	3
NMHS4-40D	9.5	Mx61	12	4H9 ^{+0.030} ₀	4	42H9 ^{+0.062} ₀	4H9 ^{+0.030} ₀	4

NMHS4-50D • 63D



Model	AA	AB	AC	B	CA	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	L	M	NA	NB
NMHS4-50D	55	52	3	70	9	20	74	86	26	38	31	28	6	37.5	9	24	10	4H9 ^{+0.030} ₀	2	18	10h9 ⁰ _{-0.036}
NMHS4-63D	66	62	4	86	12	22	91	107	35	51	38	34.5	7	4	11	28	11	6H9 ^{+0.030} ₀	3	24	12h9 ⁰ _{-0.043}

Model	O	Q	RA	RB	SC	VA	VB	WA	WB	XA	XB	YC
NMHS4-50D	5	14	52	34	12	4H9 ^{+0.030} ₀	4	52H9 ^{+0.074} ₀	2	4H9 ^{+0.030} ₀	4	7
NMHS4-63D	5.5	17	66	38	14	5H9 ^{+0.030} ₀	5	65H9 ^{+0.074} ₀	2.5	5H9 ^{+0.030} ₀	5	7.5

Cylinder

- SC
- SC(Big)
- SCT
- SCF
- SU
- SUF
- SI
- SIF
- DNC
- QGB
- QGBZ
- NCQ2
- NCQ2(Big)
- NCQ2(Long)
- NCQS
- NCQM
- NRQ
- SDA
- ADVU
- ACE(AND)
- MAL
- MA
- MI
- NCM2
- NCJ2
- NCG1
- NCJP
- TD
- TN(TDA)
- NCXS
- NCXSW
- NMGP
- NMGG
- NCU
- NCUJ
- NCY3B
- NCY3R
- NCY1S
- NCY1L
- STM
- NMXH
- NMXS
- NMXQ
- NMHZ2
- NMHC2
- NMHL2
- NMHY2
- NMHT2
- NMHW2
- NMHF2
- NMHS2
- NMHS3
- NMHS4
- NMRHQ
- NMSQ
- NCRA1
- NCRQ2
- NCRB2
- ACK
- SRC
- QCK
- NCK1