

Cylinder

SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)

Symbol

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

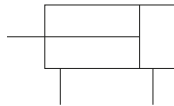
STM
NMXH
NMXS
NMXQ

NMH22
NMHC2
NMHL2
NMHY2
NMHT2

NMHW2
NMHF2
NMHS2
NMHS3
NMHS4

NMRHQ
NMSQ
NCRA1
NCRA2
NCRB2

ACK
SRC
QCK
NCK1



Ordering code

Installation form

Pipe size

Note: If oil is supplied, please

Ordering code

N C D Q2 A 32 □ - 200 D C

Built in magnetic ring

Blank	No built-in magnetic ring
D	Built-in magnet ring

Bore size

32	32mm
40	40mm
50	50mm
63	63mm
80	80mm
100	100mm

Installation form

A	Both ends tapped
F	Rod flange
G	Head flange
L	Foot type
D	Double clevis

Stroke

See the right table

Piping mode

Blank	Thread piping
F*	Built-in quick joint

Rubber cushion

Options

Blank	Standard (rod end internal thread)
M	Rod end male thread

Magnetic switch type

Blank	Without magnetic switch
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* Refer to tour/magnetic switch model list for magnetic switch model

* No built-in magnetic ring cylinder no such item

Double action

Number of magnetic switches

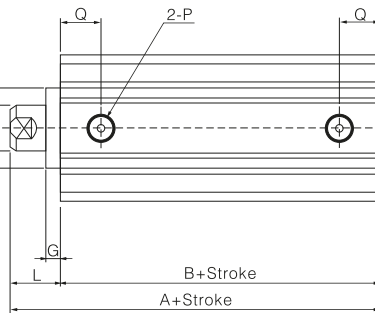
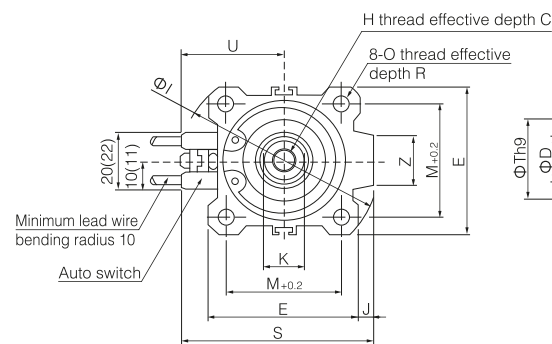
Blank	2 pcs.
S	1 pc.
n	"n" pcs.

* Only phi Φ32~Φ63

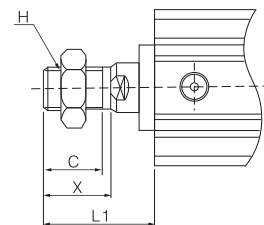
* Only phi Φ32~Φ63

Dimensions

Rod end female thread NCQ2A/NCDQ2A



Rod end male thread



() The dimensions of magnetic switches other than D-A7 are in parentheses.

Bore size (mm)	Stroke (mm)	Rod end female thread																		Rod end male thread					
		A	B	C	D	E	G	H	I	J	K	L	M	O	P	Q	R	S	Th9	U	Z	C	H	L1	X
32	125, 150 175, 200 250, 300	62.5	45.5	13	16	45	5	M8×1.25	60	4.5	14	17	34	M6×1.0	1/8"	12.5	10	58.5	22 ⁰ _{-0.052}	31.5	14	20.5	M14×1.5	38.5	23.5
40		72	55	13	16	52	5	M8×1.25	69	5	14	17	40	M6×1.0	1/8"	14	10	66	28 ⁰ _{-0.052}	35	14	20.5	M14×1.5	38.5	23.5
50		73.5	55.5	15	20	64	5	M10×1.5	86	7	17	18	50	M8×1.25	1/4"	14	14	80	35 ⁰ _{-0.062}	41	19	26	M18×1.5	43.5	28.5
53		75	57	15	20	77	5	M10×1.5	103	7	17	18	60	M10×1.5	1/4"	16.5	18	93	35 ⁰ _{-0.062}	47.5	19	26	M18×1.5	43.5	28.5
80		86	66	21	25	98	5	M16×2.0	132	6	22	20	77	M12×1.75	3/8"	19	22	112.5	43 ⁰ _{-0.062}	57.5	26	32.5	M22×1.5	53.5	35.5
100		97.5	75.5	27	30	117	5	M20×2.5	156	6.5	27	22	94	M12×1.75	3/8"	23	22	132.5	59 ⁰ _{-0.074}	67.5	26	32.5	M26×1.5	53.5	35.5

Specifications

Bore size(mm)	32	40	50	63	80	100
Use fluid	Air (to be filtered by 40μm filter element)					
Action mode	Double acting					
Proof pressure	1.5MPa					
Maximum operating pressure	1.0MPa					
Minimum operating pressure	0.05MPa					
Ambient and fluid temperature	Without auto switch: -10 to 70℃ (No freezing) With auto switch: -10 to 60℃ (No freezing)					
Rod end thread	Internal thread (standard), external thread (optional)					
Use piston speed	50~500mm/s					
Cushion	Standard rubber buffer					
Stroke tolerance (mm)	+1.4 0					
Lubrication	Don't need					
Installation form	Screw holes at both ends (standard)					
Pipe size	1/8"		1/4"		3/8"	

Note: If oil is supplied, please use turbine No.1 oil ISOVG32.

Stroke/magnetic switch type table

Bore size (mm)	Standard stroke (mm)	*Magnetic switch type		
		Two wire contact control	Two wire contactless control	Three wire NPN
32	125, 150 175, 200 250, 300	3C-D-A93(V)L	O-M9B(V)L	D-M9N(V)L
40				
50				
63				
80				
100				

* The specifications and characteristics of magnetic switches can be referred to the series of magnetic switches.
The type of installation is BQ-2.

* The length of conductor is denoted as mark:
no mark - 0.5m, L - 3m. Example: A73, A73L.