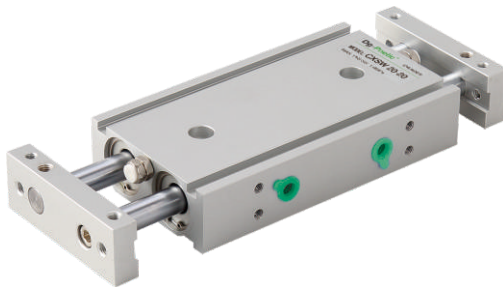


Cylinder

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



- Maximum allowable load is 2-3 times larger than NCXS series.
- Double cylinder design, double output force
- High accuracy without rotation
- Side load resistance
- Standard impact travel adjustment device: 0-10mm

Ordering code

N C X S W		M	20	-	100	-	Z73	☐
Double rod type			Bore size		Stroke		Number of magnetic switches	
Bearing type			6 6mm		Refer to stroke table for details		Blank 2 pcs.	
M	Slide bearing		10 10mm				S 1 pc.	
L	Ball bushing bearing		15 15mm				n "n" pcs.	
			20 20mm					
			25 25mm					
			32 32mm					
					Magnetic switch type			
					Blank Without magnetic switch			
					* Magnetic switch type refer stroke /Magnetic switch model table			

Specifications

Bore size(mm)	6	10	15	20	25	32
Fluid	Air					
Action	Double acting					
Maximum operating pressure	0.7MPa					
Minimum operating pressure	0.15MPa			0.1MPa		
Ambient and fluid temperature	-10 to 60℃ (No freezing)					
Cushion	Rubber bumper					
Piston speed (mm/s)	50~500					
Structure	Double cylinder (Double output force)					
Lubrication Note 1)	Non-lube					
Stroke adjustable range	0~10mm					
Bearing type	Slide bearing/Ball bushing bearin					
Port size Note 2)	M5×0.8			1/8"		

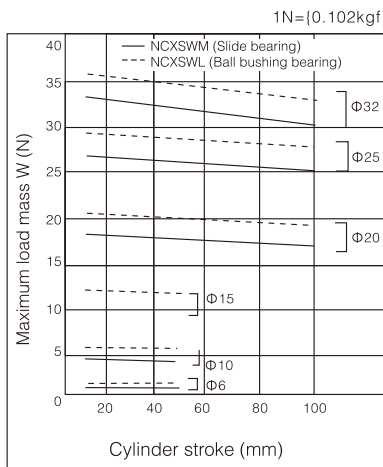
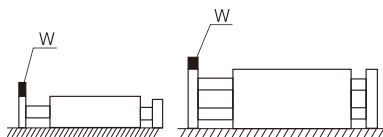
Note: 1. If lubrication is required, please use turbine No.1 oil ISO VG32.
2. PT thread, G thread and NPT thread are available.

Stroke/magnetic switch model table

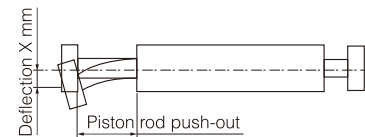
Bore size (mm)	Standard stroke Note 1)	Long stroke	Magnetic switch model Rail installation Note 2)
6	10, 20, 30, 40, 50		Z73
10	10, 20, 30, 40, 50	75, 100, 125, 50	
15			
20	10, 20, 30, 40, 50	125, 150, 175, 200	
25	75, 100		
32			

Note: 1. In case of excess of standard travel, mark -XB11 at the end of the model. Please make a reservation.
2. The specifications and characteristics of magnetic switches can be referred to the series of magnetic switches.
Wire length representation mark: no mark-0.5m, L-3m, Z-5m, Example: Z73, Z73L.

Maximum load mass

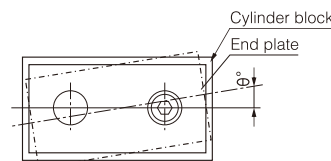


Deflection at the plate end



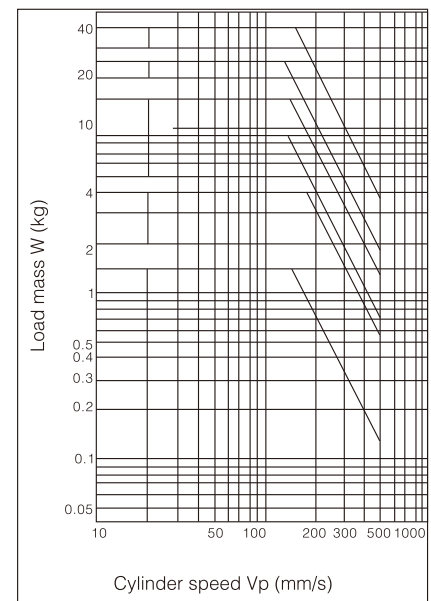
Bore size (mm)	6~32
NCXSWM (Slide bearing)	±0.03mm
NCXSWL (Ball bushing bearing)	

Non-rotating accuracy



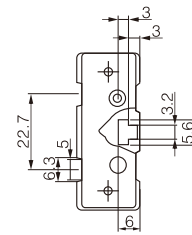
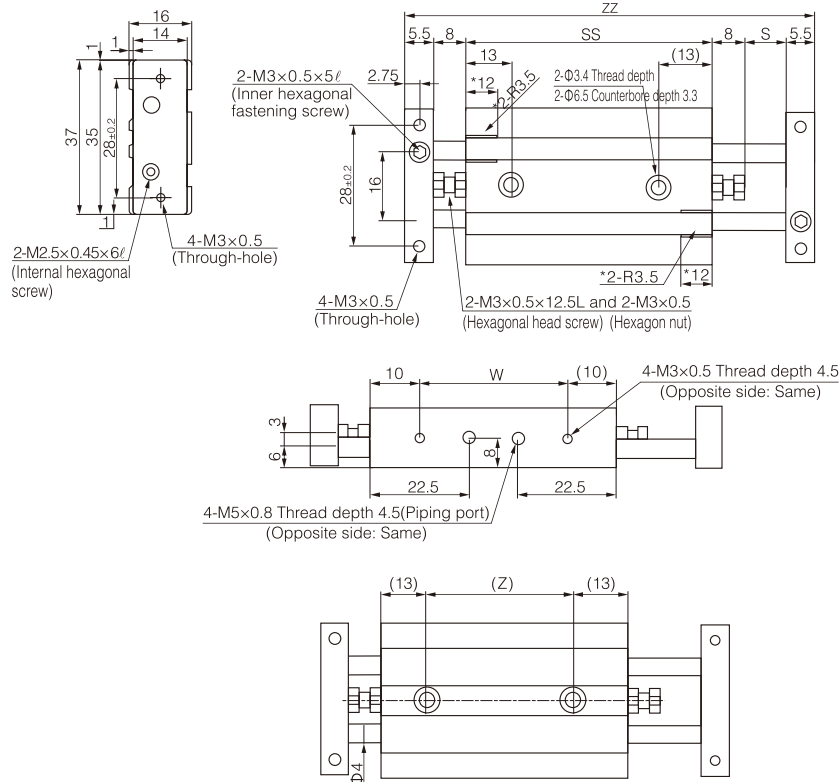
Bore size (mm)	6~32
NCXSWM (Slide bearing)	±0.01°
NCXSWL (Ball bushing bearing)	

Allowable kinetic energy



Dimensions

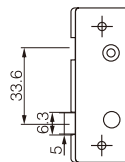
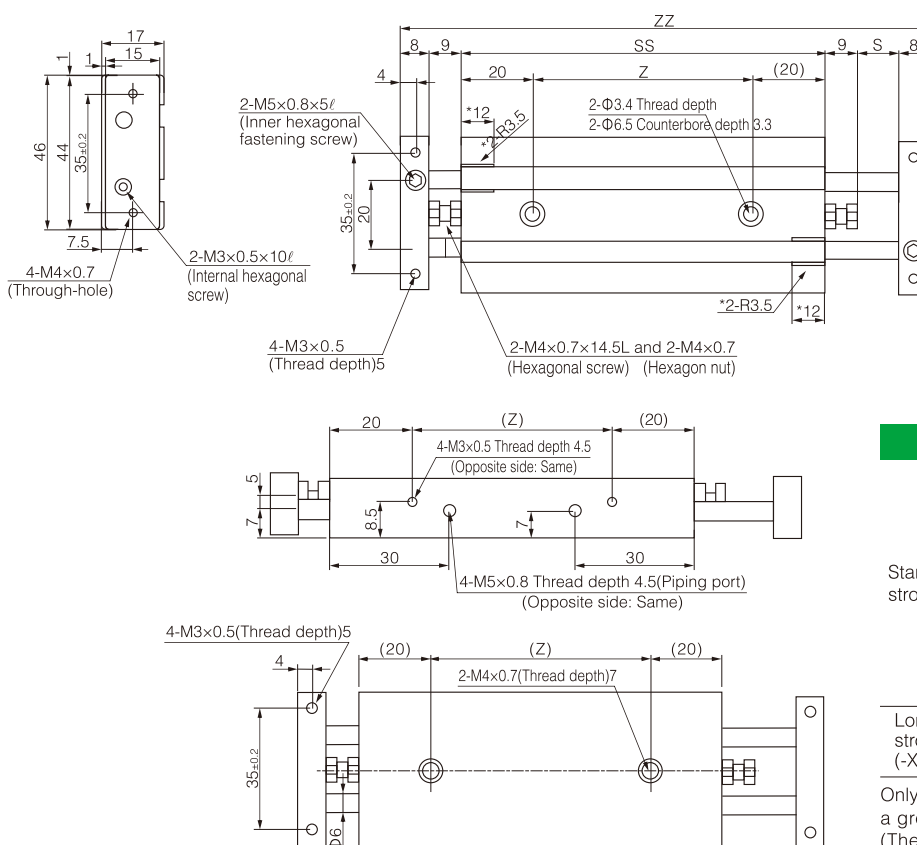
NCXSW 6



Model	S	SS	ZZ	Z	W
NCXSW□6-10	10	66	103	40	46
NCXSW□6-20	20	76	123	50	56
NCXSW□6-30	30	86	143	60	66
NCXSW□6-40	40	96	163	70	76
NCXSW□6-50	50	106	183	80	86

Only the NCXSW□6-10 and the NCXSW□6-20 have a groove cut out for installing auto switches.
(The dimensions are marked “*”.)

NCXSW 10



Model		S	SS	ZZ	Z
Standard stroke	NCXSW□10-10	10	92	136	52
	NCXSW□10-20	20	102	156	62
	NCXSW□10-30	30	112	176	72
	NCXSW□10-40	40	122	196	82
	NCXSW□10-50	50	132	216	92
	NCXSW□10-75	75	157	266	117
	NCXSW□10-100	100	182	316	142
Long stroke (-XB11)	NCXSW□10-125	125	207	366	167
	NCXSW□10-150	150	232	416	192

Only the NCXSW□10-10 and the NCXSW□10-20 have a groove cut out for installing auto switches.
(The dimensions are marked “*”.)

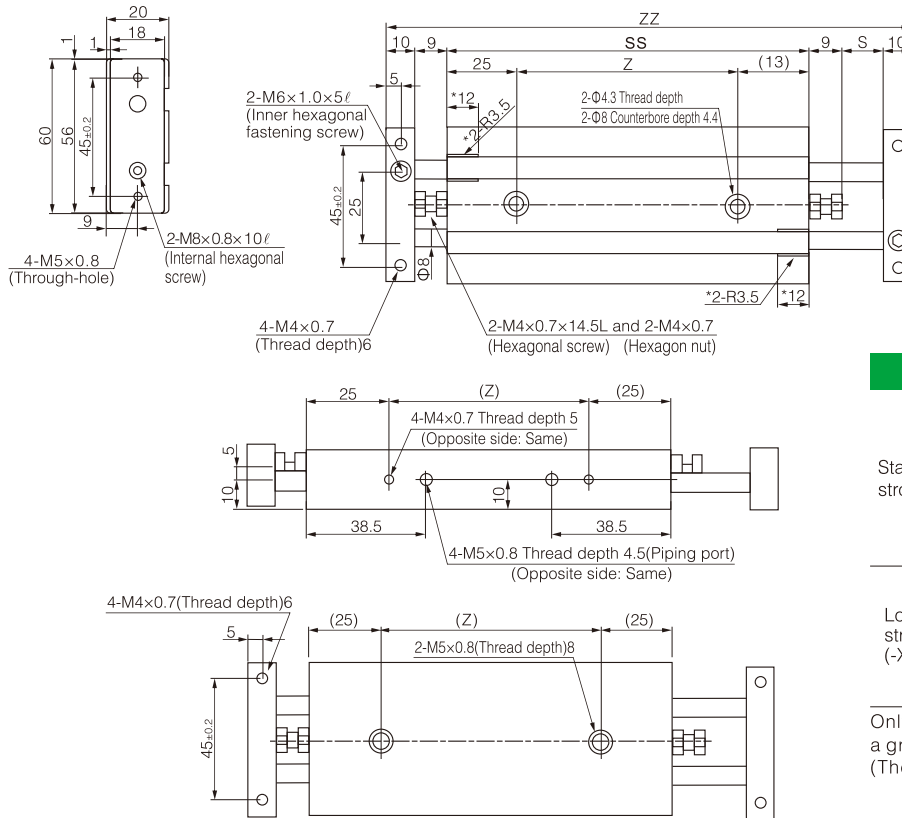
Cylinder

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

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

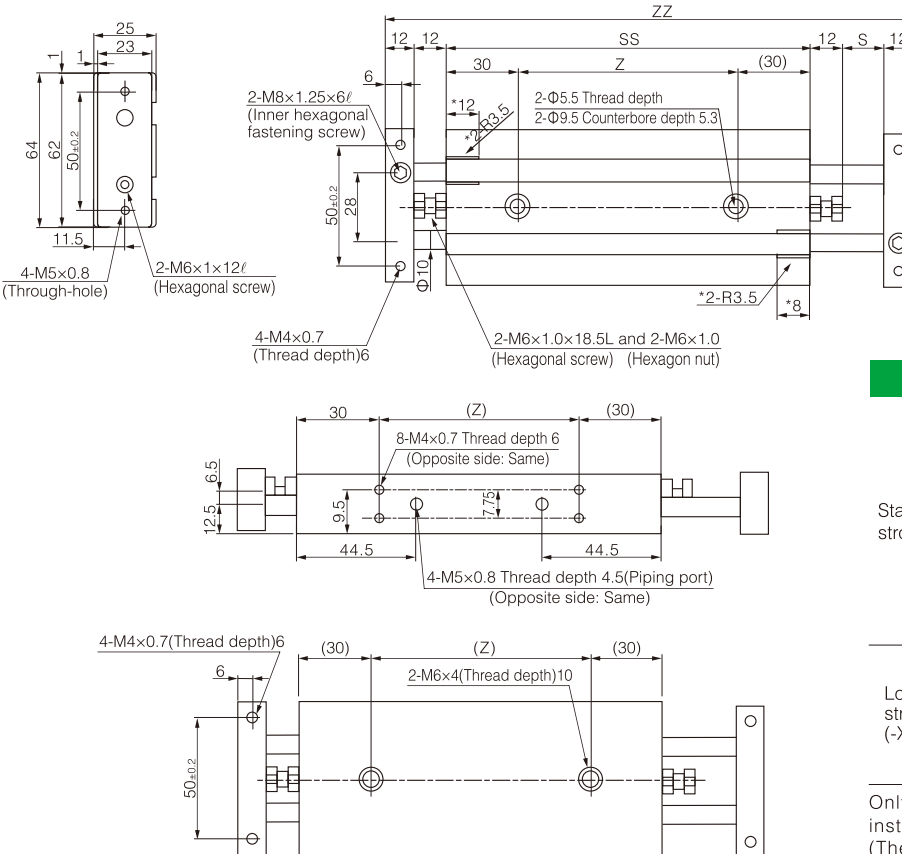
NCXSW□15



	Model	S	SS	ZZ	Z
Standard stroke	NCXSW□15-10	10	105	153	55
	NCXSW□15-20	20	115	173	65
	NCXSW□15-30	30	125	193	75
	NCXSW□15-40	40	135	213	85
	NCXSW□15-50	50	145	233	95
Long stroke (-XB11)	NCXSW□15-75	75	170	283	120
	NCXSW□15-100	100	195	333	145
	NCXSW□15-125	125	220	383	170
	NCXSW□15-150	150	245	433	195

Only the NCXSW□15-10 and the NCXSW□15-20 have a groove cut out for installing auto switches.
(The dimensions are marked "**").

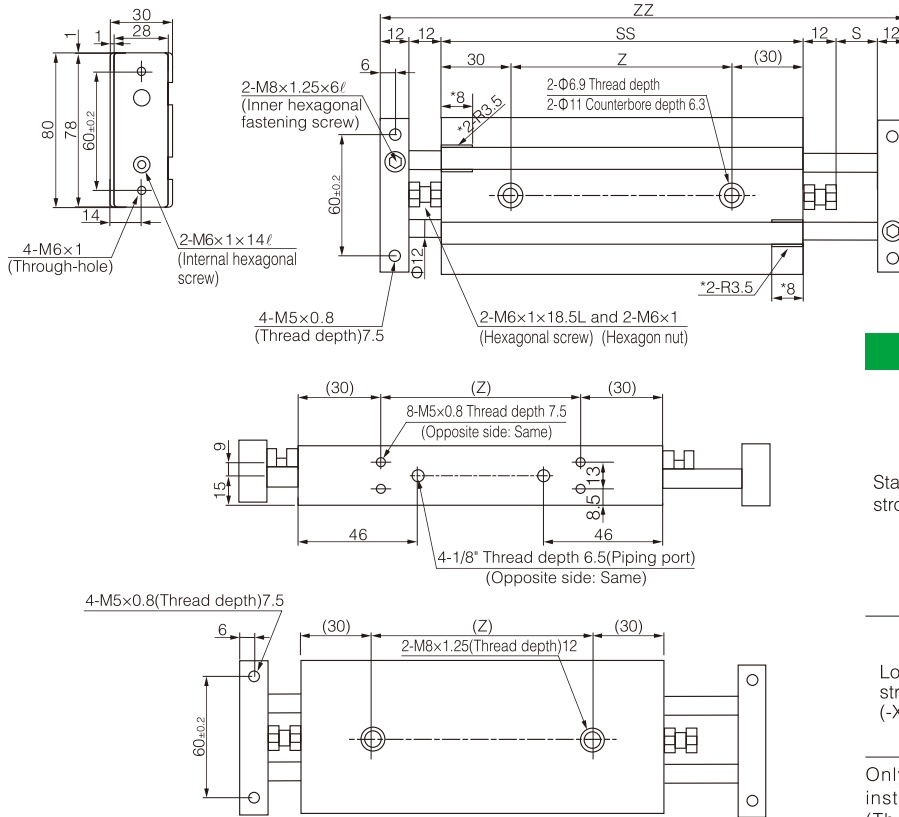
NCXSW□20



	Model	S	SS	ZZ	Z
Standard stroke	NCXSW□20-10	10	120	178	60
	NCXSW□20-20	20	130	198	70
	NCXSW□20-30	30	140	218	80
	NCXSW□20-40	40	150	238	90
	NCXSW□20-50	50	160	258	100
	NCXSW□20-75	75	165	308	125
Long stroke (-XB11)	NCXSW□20-100	100	210	358	150
	NCXSW□20-125	125	235	408	175
	NCXSW□20-150	150	260	458	200
	NCXSW□20-175	175	285	508	225
	NCXSW□20-200	200	310	558	250

Only the NCXSW□20-10 has a groove cut out for installing auto switches.
(The dimensions are marked "**").

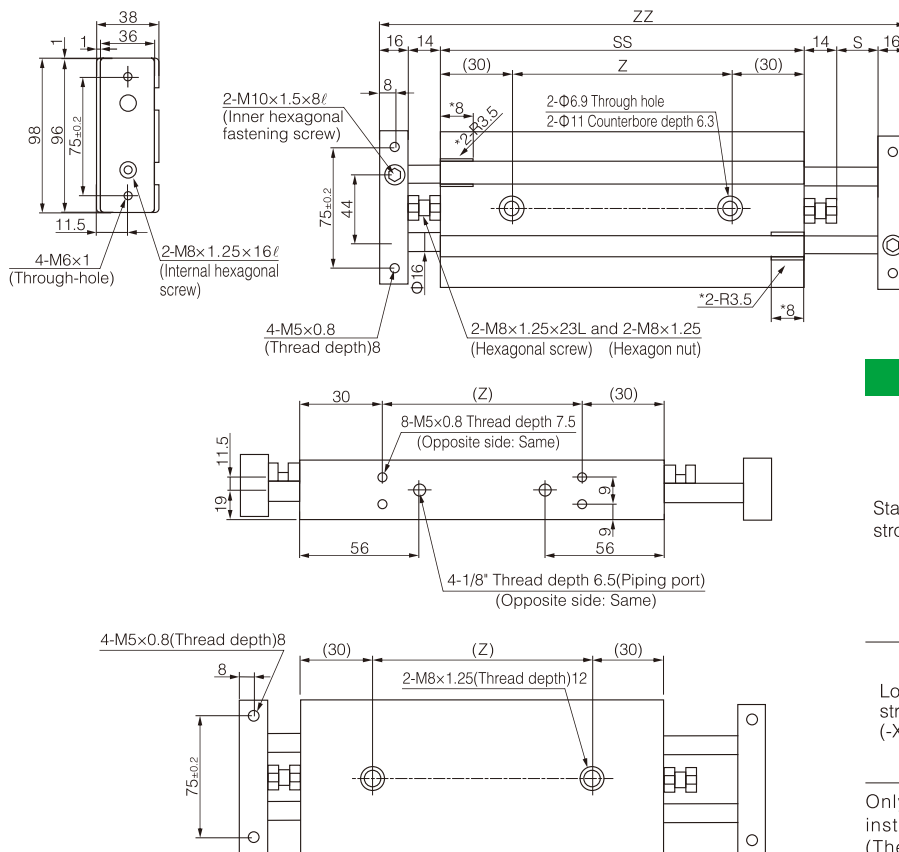
NCXSW□25



	Model	S	SS	ZZ	Z
Standard stroke	NCXSW□25-10	10	122	180	62
	NCXSW□25-20	20	132	200	72
	NCXSW□25-30	30	142	220	82
	NCXSW□25-40	40	152	240	92
	NCXSW□25-50	50	162	260	102
	NCXSW□25-75	75	187	310	127
	NCXSW□25-100	100	212	360	152
Long stroke (-XB11)	NCXSW□25-125	125	237	410	177
	NCXSW□25-150	150	262	460	202
	NCXSW□25-175	175	287	510	227
	NCXSW□25-200	200	321	560	252

Only the NCXSW□25-10 has a groove cut out for installing auto switches.
(The dimensions are marked " * " .)

NCXSW□32



	Model	S	SS	ZZ	Z
Standard stroke	NCXSW□32-10	10	143	213	83
	NCXSW□32-20	20	153	233	93
	NCXSW□32-30	30	163	253	103
	NCXSW□32-40	40	173	273	113
	NCXSW□32-50	50	183	293	123
	NCXSW□32-75	75	208	343	148
	NCXSW□32-100	100	233	393	173
Long stroke (-XB11)	NCXSW□32-125	125	258	443	198
	NCXSW□32-150	150	283	493	223
	NCXSW□32-175	175	308	543	248
	NCXSW□32-200	200	333	593	273

Only the NCXSW□32-10 has a groove cut out for installing auto switches.
(The dimensions are marked " * " .)

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