

## How To Order

NC D A1 B 150 - 04 00 - A51 - XB5

### Auto Switch

Nil	Standard
D	With Auto Switch (Magnetic Piston)

### Model

Nil	Standard Cylinder
K	Non-Rotating Cylinder
W	Double Rod
M	Male Rod Stud

### Mounting

B	MX0	Basic
L	MS1	Foot
F	MF1	Front Flange
G	MF2	Rear Flange
R	MS4	Side Tapped
D	MP2	Double Detachable Rear Clevis
T	MT4	Center Trunnion
C	MP4	Single Detachable Rear Clevis
X	MP1	Double Rear Clevis
S	MS2	Side Lug
U	MT1	Rod Trunnion
J	MT2	Head Trunnion

### Bore Size

150	1.5"
200	2"
250	2.5"
325	3.25"
400	4"

For larger bore size up to 32" bore. Please consult CAT: N304-EX.

### Standard Stroke

Inches  
Stroke  
Hundredths of an Inch

### Options

XB5	Oversized Rod
XB6	High Temperature
XB7	Low Temperature
XB9	Low Speed
XC6	Stainless Steel Piston Rod
XC8	Adjustable Stroke Extended
XC9	Adjustable Stroke Return
XC10	Dual Operation/Double Rod
XC11	Dual Operation/Single Rod
XC22	Viton Seals
XC35	With Coil Scraper
X46US	Special Trunnion Location
X119US	Non-Rotating Oversize Rod, Stainless Steel Piston Rod, Cushion Valve Needle
X130US	Tie Rod, Tie Rod Nut, Cushion Valve Needle

For special rod end modifications please see page 41.

### No. of Switches

Nil	2 Pieces
S	1 Piece
n	"n" Pieces

See Auto Switch Options pages

### Rod Boot

Nil	Without Boot
J	Nylon Boot
K	Neoprene Boot

### Air Cushion

Nil	Both Ends
N	None
H	Head End
R	Rod End

## Mounting Bracket Part Numbers

Mounting Bracket / Bore	Part Number				
	150 (1.5")	200 (2")	250 (2.5")	325 (3.25")	400 (4")
Foot	NCA1-L150	NCA1-L200	NCA1-L250	NCA1-L325	NCA1-L400
Flange	NCA1-F150	NCA1-F200	NCA1-F250	NCA1-F325	NCA1-F400
Double Clevis (MP2)	NCA1-D150	NCA1-D200	NCA1-D250	NCA1-D325	NCA1-D400
Single Clevis	NCA1-C150	NCA1-C200	NCA1-C250	NCA1-C325	NCA1-C400
Side Lug	NCA1-S150	NCA1-S200	NCA1-S250	NCA1-S325	NCA1-S400
Double Clevis (MP1)	NCA1-X150	NCA1-X200	NCA1-X250	NCA1-X325	NCA1-X400

\* These Kits are for Standard Single Rod/Double Acting Cylinders without Options. For Option Kits, please contact your local SMC sales office. One Kit required per cylinder.



The SMC NCA1 expanded series NFPA Industrial Interchangeable Pneumatic Cylinders are now available in bore sizes ranging from 5" to 8" Medium Duty, and 1.5" to 14" Heavy Duty.

The NCA1 Expanded Series Cylinders offer:

- Replaceable Rod Gland
- A full range of NFPA interchangeable mounting configurations
- Available in three construction types: Aluminum, Steel, and Stainless Steel
- Composite fiber tube optional
- Fully adjustable cushion

For further information, please consult your local SMC sales office.