

How to Order

Actuation Solutions and Systems for the World's Most Challenging Environments

SERIES

MS - Hydraulic Spring-Return

BORE SIZE

C - 1 1/2" L - 6"
 D - 2" M - 7"
 E - 2 1/2" N - 8"
 G - 3 1/4" P - 10"
 H - 4" R - 12"
 K - 5" S - 14"

ROD DIAMETER

E - 1"
 G - 1 3/8"
 H - 1 3/4"
 J - 2"
 K - 2 1/2"
 L - 3"
 M - 3 1/2"

ROD END

A4 - Series A Female
 N1 - Small Male Rod End

TANDEM

TC - Tandem Cylinder
 - Omit for single-stage

SPRING PRELOAD

XXXXX - Spring preload in lbs
 See catalogue for values

PORTS & POSITIONS

NX - NPT
 TX - BSPT
 SX - SAE

** X denotes 2nd prt position in relation to 1st port

STROKE

XX.XX Stroke in inches

MOUNTINGS

I## - ISO Mounting Flange
 M## - MSS Mounting Flange
 PM - Pedestal Mount
 X3 - Tie rods extended head end

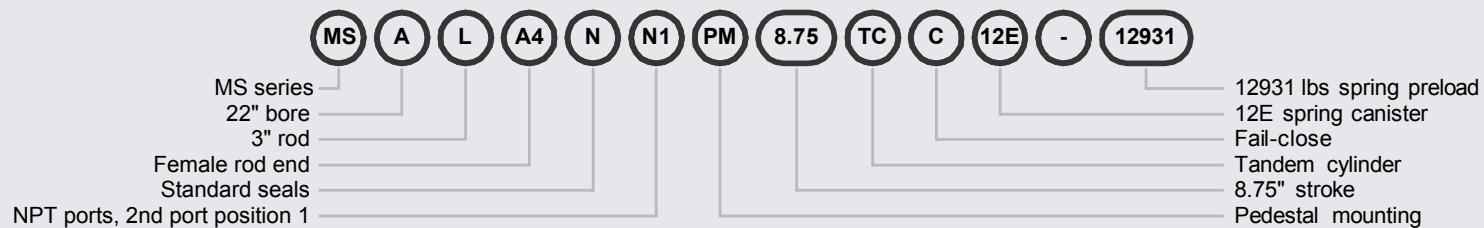
APPLICATION MOD

- Omit if none required
 GT3 - Triple Seal Gland
 P2 - Magnetic piston (Max 14" bore)
 S5 - Hydraulic use (150 PSI)
 W1 - "AWWA" Cylinder
 List application mods alpha numerically

MODS

- Omit if none required
 A# - Thread extensions ex: A2.50 = A = 2.50"
 C1 - Epoxy Paint (Do not specify with ASC or AWWA)
 M2 - Stainless Steel tie rods (Do not specify with ASC or AWWA)
 M3 - Stainless Steel piston rod
 M7 - Steel Barrel
 LE - Lifting lugs (8" bore and above)
 W# - Rod Extension ex: W2.50 = W = 2.50"
 Modifications to be listed alpha numerically after the stroke #
 ex: MSNEA48NN11X012.0A2.50C1W5.50

EXAMPLE



EXAMPLE WITH AUTOMATION OPTIONS

