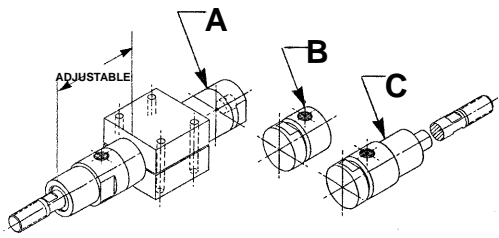


Automation Basic Cylinders

A•B•C® ADJUSTABLE BLOCK MOUNTED

CONFIGURATIONS:



MOUNTING STYLE:

ADJUSTABLE BLOCK MOUNTED CYLINDERS provide for an easily adjusted fore and aft position. The extended or retracted position can be made to match a "HOME" position or some special requirement within the user's equipment. Cylinders operate properly in any position.

SPECIFICATIONS:

MATERIALS: Aluminum Alloy, Bronze and Steel.
SERVICE: Pneumatic and Hydraulic.
OPERATING PRESSURE RANGE: Vacuum to 300 P.S.I.
OPERATING TEMPERATURE RANGE: -20°F to 250°F.
SEALING ELEMENTS: Standard "O" Rings.

GENERAL NOTES:

All dimensions are nominal in U.S. CUSTOMARY units. Please consult the Factory for METRIC VERSIONS. A•B•C® is the registered trademark for MACK CORPORATION HEAVY DUTY AIR CYLINDERS. Developed and produced in the U.S.A. Please refer to page A20 for instructions in performing:
 Angular Port Adjustment.
 Complete Cylinder Servicing.
 Rod Seal & Bushing Service without disturbing the cylinder mounting or supply lines.

ORDERING INFORMATION:

HOW TO ORDER BASIC CYLINDERS
 A BASIC PART NUMBER consists of four digits followed by a dash number to indicate piston travel in increments of one inch.

EXAMPLE: 5000-12
 BASIC PART NUMBER
 TRAVEL IN INCHES
 FOUR DIGITS FROM THE TABLE

HOW TO ORDER CYLINDERS WITH INTERNAL ROD THREADS
 Add the suffix -IT to the BASIC PART NUMBER. THERE IS NO ADDED COST.

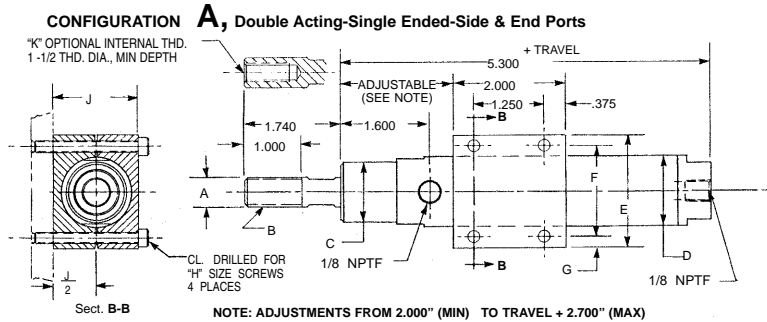
EXAMPLE: 5000-12-IT
 INTERNAL THREADS
 BASIC PART NUMBER

HOW TO ORDER CYLINDERS WITH STAINLESS STEEL PISTON RODS
 Add the suffix -SS to the BASIC PART NUMBER. Add 25% to the BASE PRICE.

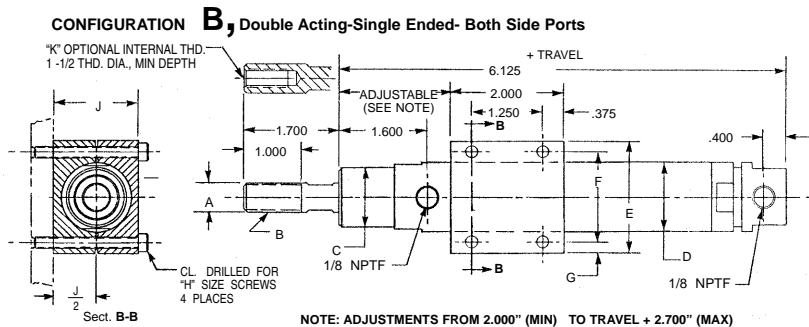
EXAMPLE: 5000-12-SS
 STAINLESS STEEL ROD OPTION
 BASIC PART NUMBER

HOW TO ORDER SERVICE KITS
 Add the suffix -SK to the FOUR DIGIT NUMBER.

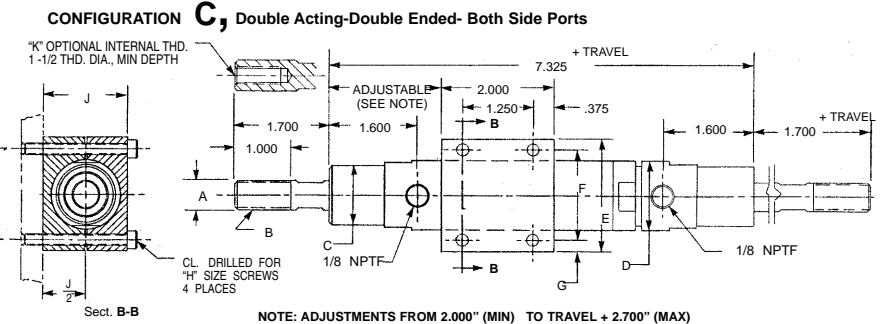
EXAMPLE: 5000-SK
 INDICATES SERVICE KIT
 FOUR DIGITS FROM THE TABLE



PART NO. & TRAVEL	CYLINDER BORE	A ROD O.D.	B EXTERNAL ROD THD.	C NOSE DIA.	D BODY DIA.	E BLOCK WIDTH	F BOLT CENTER	G EDGE DISTANCE	H BOLT SIZE	J BLOCK HEIGHT	K INTERNAL ROD THD.
5060 (-)	0.656	0.375	3/8-24	0.875	0.875	1.500	1.200	0.150	10-32X1-3/4	1.250	1/4-28
5061 (-)	0.938	0.500	1/2-20	1.063	1.250	2.000	1.600	0.200	10-32X2	1.500	3/8-24
5062 (-)	1.188	0.625	5/8-18	1.313	1.500	2.500	2.000	0.250	1/4-28X2-1/2	2.000	7/16-20
5063 (-)	1.500	0.750	3/4-16	1.625	1.875	3.000	2.400	0.300	5/16-24X3	2.250	1/2-20



PART NO. & TRAVEL	CYLINDER BORE	A ROD O.D.	B EXTERNAL ROD THD.	C NOSE DIA.	D BODY DIA.	E BLOCK WIDTH	F BOLT CENTER	G EDGE DISTANCE	H BOLT SIZE	J BLOCK HEIGHT	K INTERNAL ROD THD.
5064 (-)	0.656	0.375	3/8-24	0.875	0.875	1.500	1.200	0.150	10-32X1-3/4	1.250	1/4-28
5065 (-)	0.938	0.500	1/2-20	1.063	1.250	2.000	1.600	0.200	10-32X2	1.500	3/8-24
5066 (-)	1.188	0.625	5/8-18	1.313	1.500	2.500	2.000	0.250	1/4-28X2-1/2	2.000	7/16-20
5067 (-)	1.500	0.750	3/4-16	1.625	1.875	3.000	2.400	0.300	5/16-24X3	2.250	1/2-20



PART NO. & TRAVEL	CYLINDER BORE	A ROD O.D.	B EXTERNAL ROD THD.	C NOSE DIA.	D BODY DIA.	E BLOCK WIDTH	F BOLT CENTER	G EDGE DISTANCE	H BOLT SIZE	J BLOCK HEIGHT	K INTERNAL ROD THD.
5068 (-)	0.656	0.375	3/8-24	0.875	0.875	1.500	1.200	0.150	10-32X1-3/4	1.250	1/4-28
5069 (-)	0.938	0.500	1/2-20	1.063	1.250	2.000	1.600	0.200	10-32X2	1.500	3/8-24
5070 (-)	1.188	0.625	5/8-18	1.313	1.500	2.500	2.000	0.250	1/4-28X2-1/2	2.000	7/16-20
5071 (-)	1.500	0.750	3/4-16	1.625	1.875	3.000	2.400	0.300	5/16-24X3	2.250	1/2-20



DATA SHEET 8044
 © 2006 MACK CORPORATION