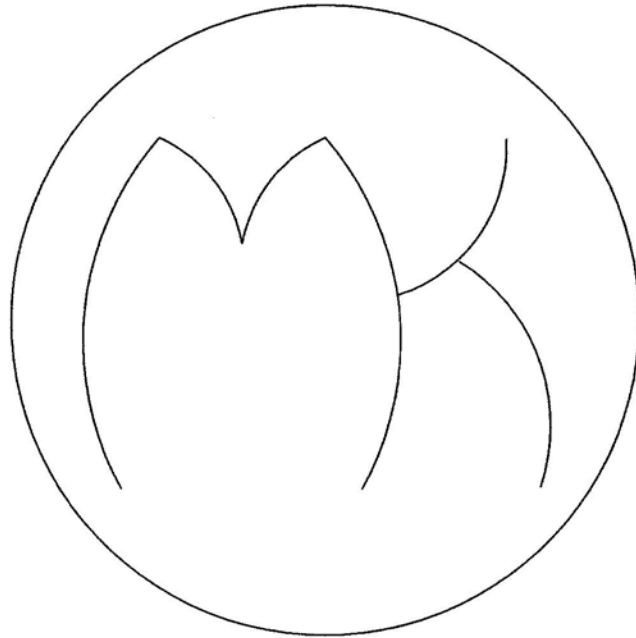


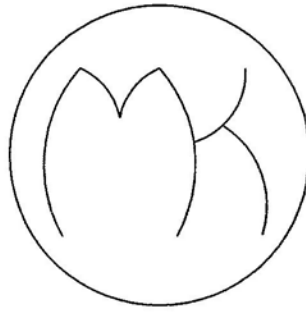
MED-KAS HYDRAULICS



HYDRAULIC MANIFOLDS AND ACCESSORIES CATALOG #17

1419 JOHN R.
TROY, MI. 48083
P.O. BOX 1163
TROY, MI. 48099
TEL: 248-585-3220
FAX: 248-585-0646

WEB-SITE: www.med-kas.com
E-MAIL: info@med-kas.com



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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

CUSTOM MANIFOLDS	SECTION I
CARTRIDGE BLOCKS	SECTION II
ACCESSORIES	SECTION III
SUBPLATES	SECTION IV
BAR MANIFOLDS	SECTION V
TECHNICAL INFORMATION	SECTION VI

TERMS: NET 30 Days

F.O.B. Troy, Michigan

SPECIAL DESIGNS: Custom manifolds and non-stocked parts are not returnable.

RETURNS: No material will be accepted for return without prior authorization from the factory, and is subject to inspection. All returned material must be unused, packaged to prevent damage in shipping, marked with our MRA number, freight prepaid and is subject to a handling charge of 20% or a minimum of \$20.00.

Non stock items or custom designed items are non-returnable. Check with the factory with any questions on return eligibility.

MINIMUM ORDER: \$60.00 net

DEFECTIVE MATERIAL: Parts returned due to manufacturing defects will be repaired or replaced at the discretion of the manufacturer.

CATALOG INFORMATION: Specifications, descriptions, and dimensional data are subject to change or correction without notice or incurring obligation.



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Radial Drills	1	American 15 HP 5Ft. Arm, 17inch column
	1	American 15 HP 4Ft. Arm, 15inch column
	1	American 15 HP 5Ft. Arm, 13inch column
	1	American 15 HP 6Ft. Arm, 15inch column
	1	H-Cegielski-Poznan 10 HP 5Ft. Arm, 15inch column
	1	Walker Turner Radial Drill
Special Machines	1	Automated Multiple Drill
Surface Grinders	1	Mattison Surface Grinder, 24x96x36 Work Area
	1	Mattison Surface Grinder, 18x48x20 Work Area
	1	Hill-Acme Surface Grinder, 36x98x52 Work Area
	1	Reid #2-C Surface Grinder, 6x18 Work Area
Misc.	2	Air Compressors, 15 HP and 20 HP
	7	Bench Grinders
	1	12,000lb. Hyster Lift Truck
	1	600lb. Clark Lift Truck
	1	Towmotor Lift Trucks, 4000lbs. and 6000lbs.
	1	Electro-Arc Tap Disintegrator, 24x48 Table
	2	Rockwell-Delta Belt Sanders
	1	300 AMP AC/DC Heli-Arc/Tig Welder
	1	200 AMP AC/DC Portable Welder
	1	Shaper
	1	Black Diamond Drill Grinder
	1	Coval Tool Grinder
	1	Cincinnati #2 Tool Grinder
	3	Drill Sharpeners
	1	Denison Hydraulic Press
	6	Crane Ways, Capacity-2000lbs. to 10000lbs.
	7	Hoists, Capacity-2000lbs. to 10000lbs.
	1	Custom parts cleaning equipment tank

Complete facilities to assemble and test manifolds.
Including 2 test stands, capable of up to 350 GPM.
Capability to test complete functionality.



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Med-Kas Hydraulics, Inc. has over 36 years of machining experience in the manufacture of hydraulic manifolds and subplates. Med-Kas has the machining capabilities to produce large and small quantities as well as single piece jobs.

Our facility consists of 27,000 Sq. Ft. of manufacturing and an engineering department using CAD-CAM as well as conventional engineering techniques which enable us to custom design manifolds to your specific needs.

Our manufacturing is complemented by the following equipment:

MILLS	1	Fritz-Werner Duplex Mill, 49x98 Table
	1	Kearney & Trecker Duplex Mill, 18x60 Table
	1	Cincinnati Hydromatic Duplex Mill, 18x48 Table
TOOL MILLS	1	Ex-Cell-O Ramterret Milling Machine, 1981
	1	Cincinnati Tool Master Mill
SAW	1	Wells Saw Model 1270-W/370A, 2 HP motor, Bar Feed, 12"x12" capacity
GUN DRILLS (DEEP HOLE DRILLING)	1	3/4" to 2" Dia. x 80" deep with 60" x 80" table
	1	1/8" to 2" Dia. x 40" deep with 36" x 36" table
	1	3/4" to 2" Dia. x 40" deep with 36" x 48" table
BORING MILLS	1	Bullard Model 75 with digital readout X80" x Y54"
	1	Lucas Model 441-B-72, with digital readout X80" x Y54"
LATHES	1	Southbend 17" Turn-Nado
	1	Southbend 16"
	1	Axelson 26"
CNC MACHINING CENTERS (HORIZONTAL)	1	Ex-Cell-O, 40 HP, 60 TOOLS, X36" x Y20", 2 pallets
	2	Machining Systems, X120" x Y60", 48 tools, 4 pallets
	2	Machining Systems, X60" x Y40", 78 tools, 4 pallets
	1	Machining Systems, X38" x Y28", 48 tools, 4 pallets
CNC MACHINING CENTERS (VERTICAL)	2	Brown & Sharpe 1500 VG 24 15 HP, 3 Axis, 30x60x25 work area
	1	Fadal Model VMC-4020 CNC Machining Center, 15 HP 19x29x28 Work Area, pallet changer
RADIAL DRILLS	1	American 10 HP, 4 Ft arm x 13 Ft column
	1	American 15 HP, 6 Ft arm x 15 Ft column
SURFACE GRINDERS	1	Mattison 46" x 20" x 18"
	1	Mattison 96" x 30" x 24"
	1	Hill Acme 96" x 36" x 44"
HOISTS	4	5 Ton (10,000 Lbs)
	5	3 Ton (6,000 Lbs)
	2	2 Ton (4,000 Lbs)
LIFT TRUCKS	1	Caterpillar 15,000 Lbs
	1	Caterpillar 6,000 Lbs



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ADVANTAGES OF USING MANIFOLDS

MULTI-PURPOSE: Standard Bar Manifolds to adapt to your usage.
Custom Manifolds to be designed to your needs
and special requirements.

LABOR SAVINGS: Any number or type of valves can be mounted
on a single manifold by interconnecting all lines
internally in the manifold, many excess lines
can be eliminated, leaving only machine or power
unit connections to be externally connected.

VERSATILE: Manifolds can be designed to your specific circuit
needs, space, valve and porting requirements.
Manifolds can be manufactured to any size.

PORT CONNECTIONS: Port connections are available to meet your
requirements. Straight thread o'ring connections,
pipe thread connections, flange connections,
British and Metric thread connections.

MATERIAL: Your choice of steel, ductile iron, aluminum or
special alloy steels are available to meet your
special needs.

VALVES: We can manufacture a manifold to use any valve
you would like to use, subplate or cartridge style.
We have tooling for most cavities and our toolmakers
can make any new tools in a very short period of time.

QUALITY: All manifolds are drilled from solid material to insure
a leak free life. All manifolds are guaranteed to match
the original circuit supplied, to be free of chips, dirt and
defects. All parts are dipped in a rust preventative and
wrapped in protective paper to insure cleanliness.

DESIGN: Our engineers design manifolds with conventional design
practices and the latest CAD technology. Combining the
best of both worlds and used in conjunction with our
CAM capabilities, we can supply manifolds in a quick
and timely manner.



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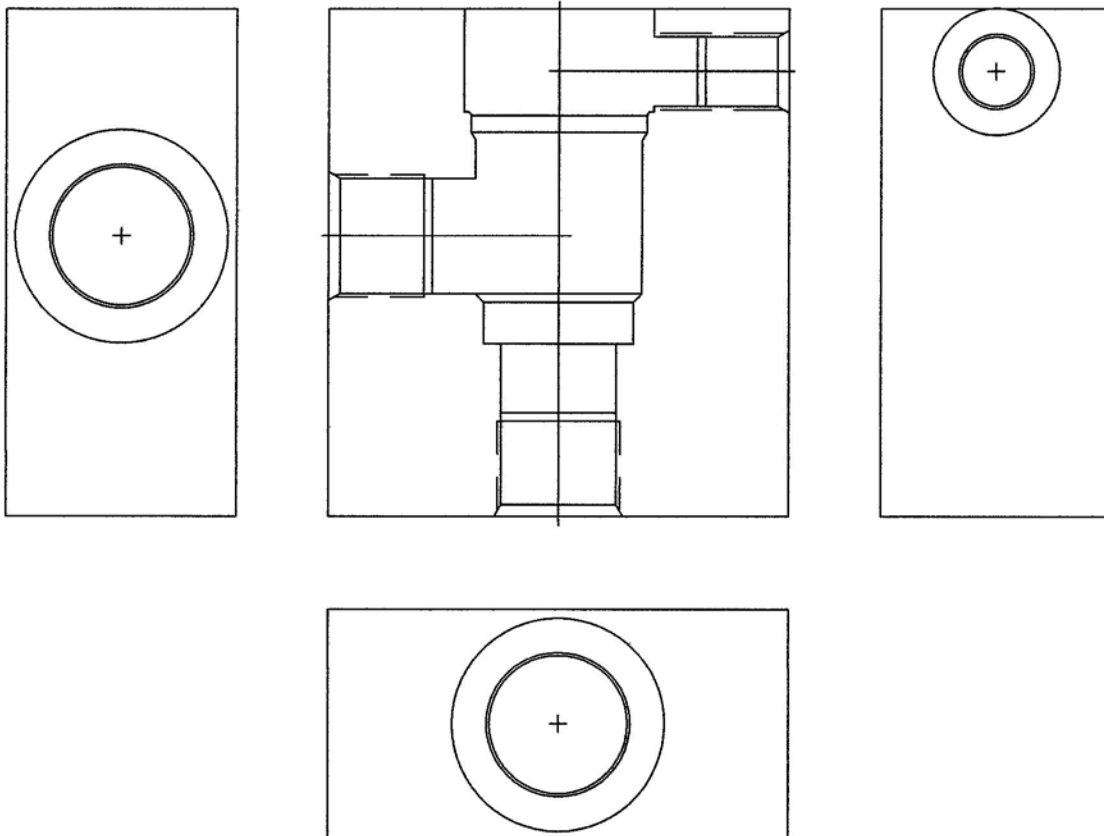
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

CARTRIDGE VALVE BODY

SCREW-IN STYLE VALVES

Med-Kas has the tooling to machine cartridge cavities for almost every cartridge size and style that is currently available. Our in-house toolmakers, and toolmaking facilities allows us the ability to quickly, and expertly build the tooling for newly designed cartridges

We can also build blocks to customer's prints, or design to a specific circuit, wether it is a simple standard function, or a complete system.



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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ORDERING CODE

UNG-25-10-X

CARTRIDGE BLOCK

VALVE SIZE

16-16MM

25-25MM

32-32MM

40-40MM

50-50MM

63-63MM

80-80MM

100-100MM

NOTE: LARGER SIZES

AVAILABLE UPON REQUEST

FLANGE CAPACITY

3-3000#-STANDARD

6-6000#-OPTIONAL

STANDARD FLANGE SIZE

16-6=3/4

25-10=1-1/4

32-12=1-1/2

40-16=2.000

50-20=2-1/2

63-24=3.000

80MM-SIZE AND PATTERN
PER REQUEST

100MM-SIZE AND PATTERN
PER REQUEST

NOTE: OTHER FLANGE
SIZES ARE AVAILABLE
SOME ARE STOCKED

ALSO AVAILABLE:

PART NO. UNG-16-16-T

16MM CARTRIDGE WITH NO. 16

SAE STRAIGHT THREAD

CONNECTIONS ON A&B.

PART NO. UNG-25-20-T

25MM CARTRIDGE WITH NO. 20

SAE STRAIGHT THREAD

CONNECTIONS ON A&B.



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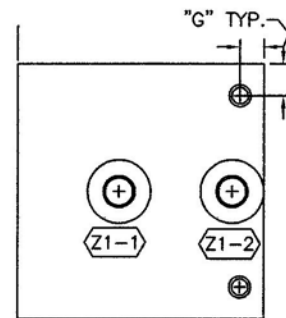
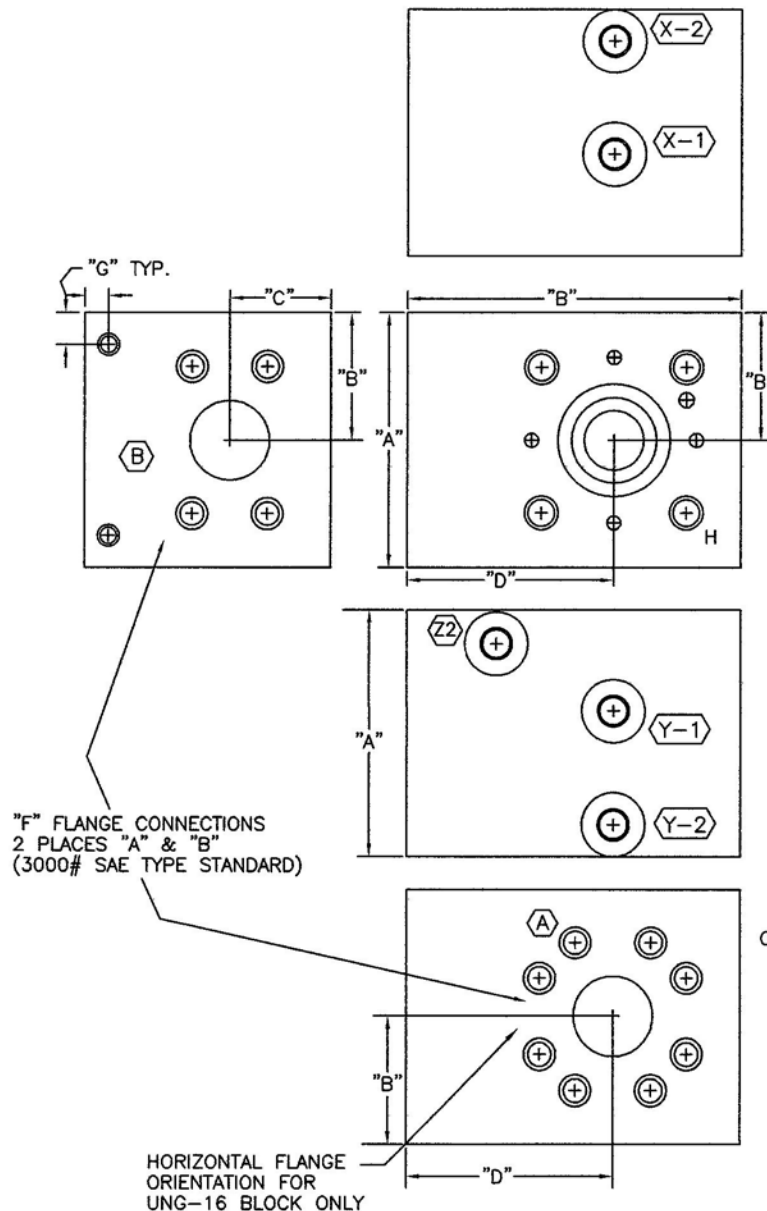
FAX # 248 585-0646

E-MAIL: info@med-kas.com

CARTRIDGE VALVE BODY

DIN 24342 STANDARD
DESIGNED WITH REMOVABLE PLUGS
TO ALLOW ON SITE PILOT ALTERATIONS

MODEL	A	B	C	D	E	F	G	H
UNG16-6-*	3.50	4.50	1.75	1.28	2.75	3/4	0.50	5/16-18
UNG25-10-*	4.00	5.25	2.00	1.59	3.25	1-1/4	0.50	1/2-13
UNG32-12-*	5.00	5.75	2.50	1.88	3.50	1-1/2	0.50	5/8-11
UNG40-16-*	5.50	6.50	2.75	2.31	3.75	2.00	0.50	3/4-10
UNG50-20-*	6.50	8.00	3.25	2.56	4.50	2-1/2	0.50	3/4-10
UNG63-24-*	8.00	10.00	4.00	3.41	6.00	3.00	0.50	1 1/4-7
UNG80-**-*	11.00	12.00	5.50	4.78	6.50	*.**	0.50	1-8
UNG100-**-*	13.00	14.00	6.50	5.59	7.50	*.**	0.75	



ALL BLOCKS ARE SHIPPED WITH
PILOT LINES TAKEN TO REMOTE
CONNECTIONS. AN INSTRUCTION
SHEET IS PROVIDED TO SHOW WHAT
PLUGS MUST BE ADDED OR REMOVED
TO ACHIEVE REQUIRED FUNCTION.

NOTE: MED-KAS HYDRAULICS CANNOT
BE HELD RESPONSIBLE FOR INAPPROPRIATE
PLUG MODIFICATION AFTER THE BLOCK
LEAVES THE FACTORY.

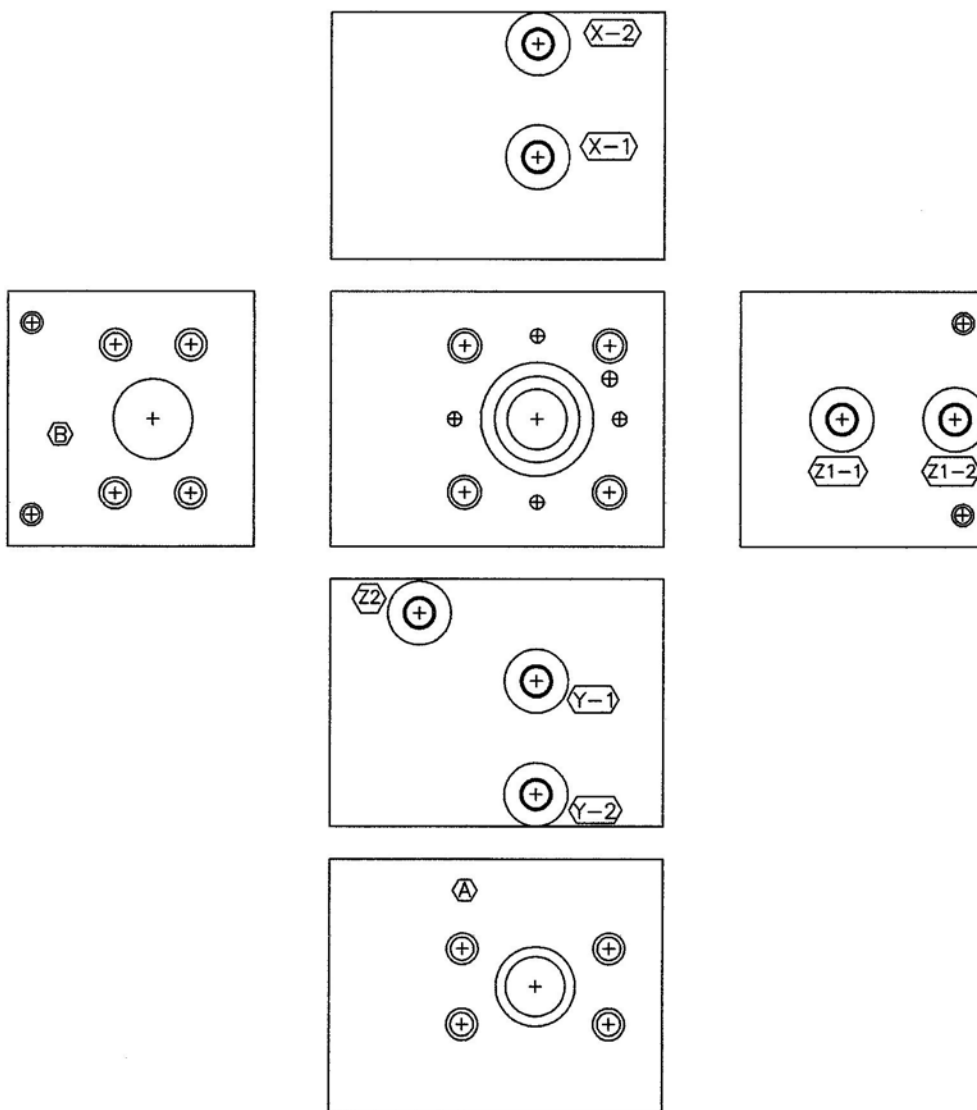
PART NO.	FLANGE CAPACITY
UNG-16-6-*	3-3000#-STANDARD
	6-6000#-OPTIONAL
CARTRIDGE BLOCK	STANDARD FLANGE SIZE
VALVE SIZE	
16-16MM	16-6=3/4
25-25MM	25-10=1-1/4
32-32MM	32-12=1-1/2
40-40MM	40-16=2.00
50-50MM	50-20=2-1/2
63-63MM	63-24=3.00
80-80MM	80MM-SIZE AND PATTERN PER REQUEST
100-100MM	100MM-SIZE AND PATTERN PER REQUEST



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PLUG CONFIGURATION INSTRUCTIONS



NOTE: MED-KAS HYDRAULICS CANNOT BE HELD RESPONSIBLE FOR INAPPROPRIATE PLUG MODIFICATION AFTER THE BLOCK LEAVES THE FACTORY.

"T" DESIGNATES STRAIGHT THREAD
"P" DESIGNATES PIPE THREAD

	EXTERNAL PLUG NO. 6 SAE	INTERNAL PLUG 1/16 NPT
PILOT CONNECTION	PORT TO RE-PLUG	PORT TO UNPLUG
X TO A	X2-T	X2-P
X TO B	X1-T	X1-P
Y TO A	Y2-T	Y2-P
Y TO B	Y1-T	Y1-P
Z1 TO A	Z1-2-T	Z1-2-P
Z1 TO B	Z1-1-T	Z1-1-P

BLOCKS ARE SHIPPED WITH ALL PLUGS INSTALLED FOR USE OF PILOT PORTS EXTERNALLY, REMOVE APPROPRIATE #6 SAE PLUG AS NEEDED.
EXAMPLE: X EXTERNAL - REMOVE EITHER X1 OR X2

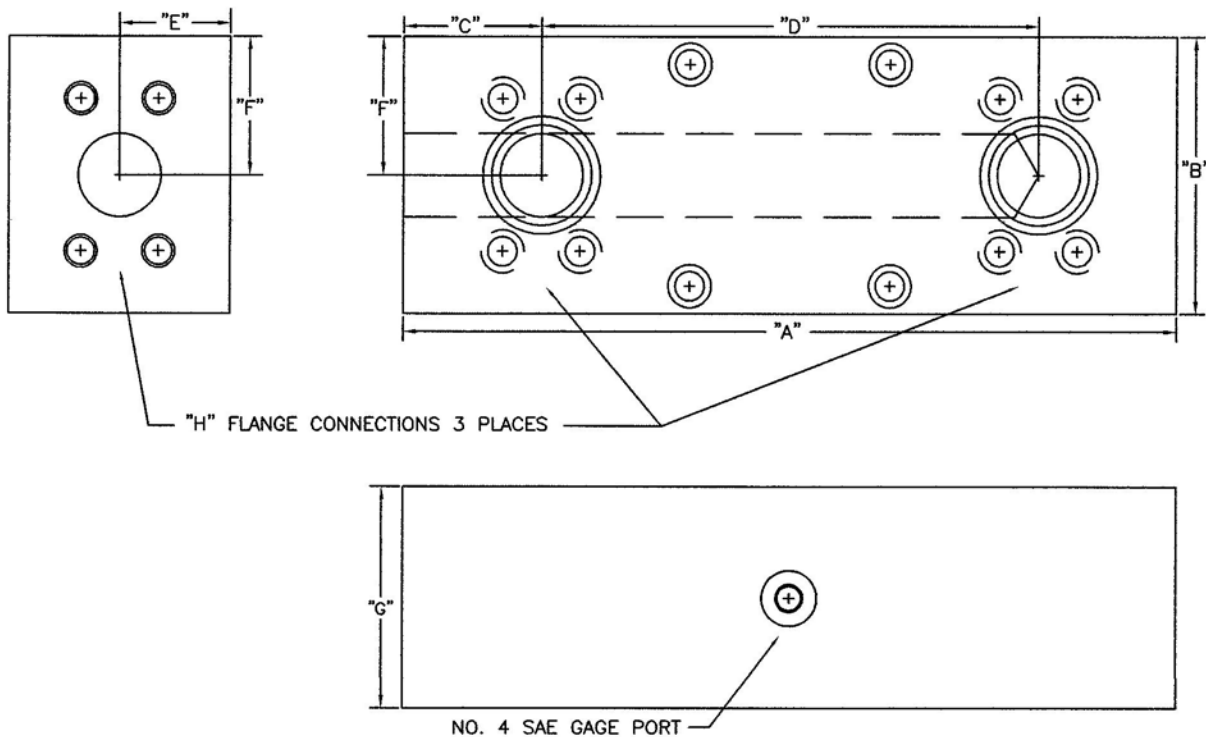


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MOUNTING HEADER FOR UNG CARTRIDGE BLOCKS

(AVAILABLE FOR COMMON "A" PORTS ONLY)

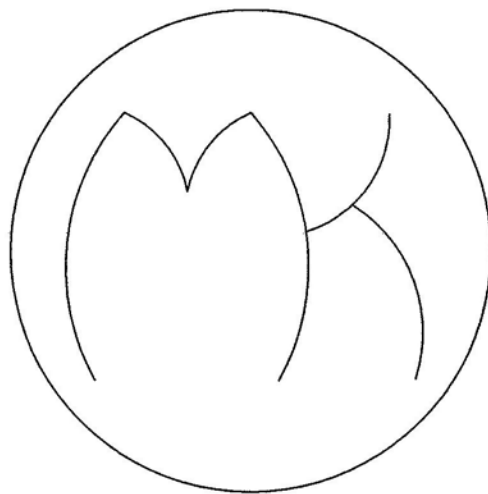
MODEL	A	B	C	D	E	F	G	H
H2-16-6	8.50	3.50	1.75	5.00	1.12	1.75	2.25	3/4
H2-25-10	11.00	4.00	2.00	7.00	1.50	2.00	3.00	1-1/4
H2-32-12	14.00	5.00	2.50	9.00	2.00	2.50	4.00	1-1/2
H2-40-16	14.500	5.50	2.75	9.00	2.00	2.75	4.00	2.00
H2-50-20	17.50	6.50	3.25	11.00	2.50	3.25	5.00	2-1/2
H2-63-24	23.00	8.00	5.00	13.00	2.75	4.00	5.50	3.00



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ACCESSORIES



COVER PLATES

3-2 THRU 3-6

TAPPING PLATES

3-7 THRU 3-9

TRANSITION PLATES

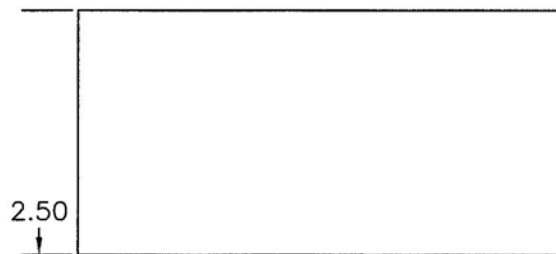
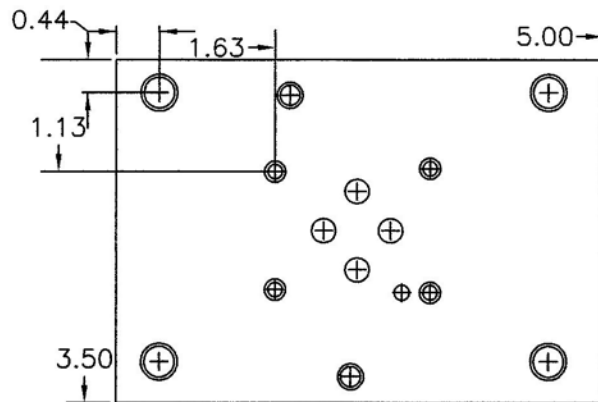
3-10 THRU 3-18

TRANSITION PLATES

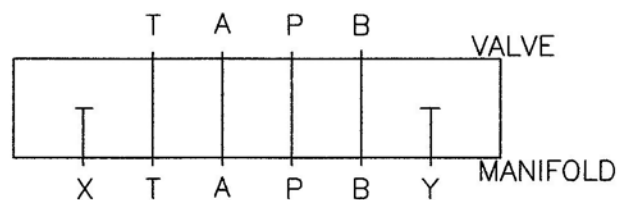
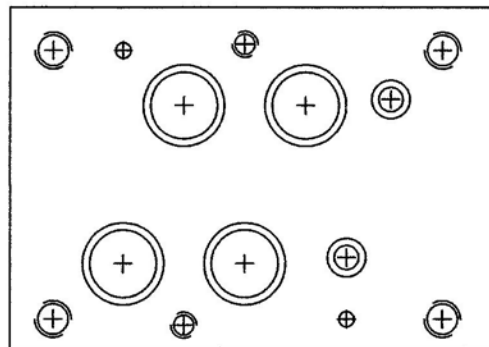
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D03 VALVE TO D07 INTERFACE

PART NO. BY-BE



TRANSITION PLATE INCLUDES:
 4- .375-16 X 2.500 SHCS
 2- .250-20 X 2.375 SHCS
 2- #109 O'RINGS
 4- #117 O'RINGS
 2- .125 X .375 ROLL PINS
 MATERIAL: STEEL



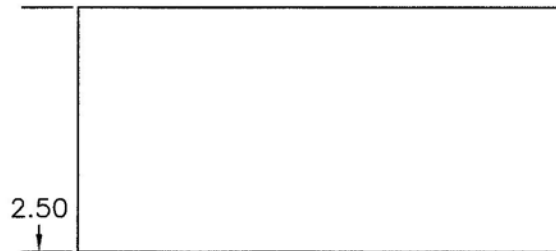
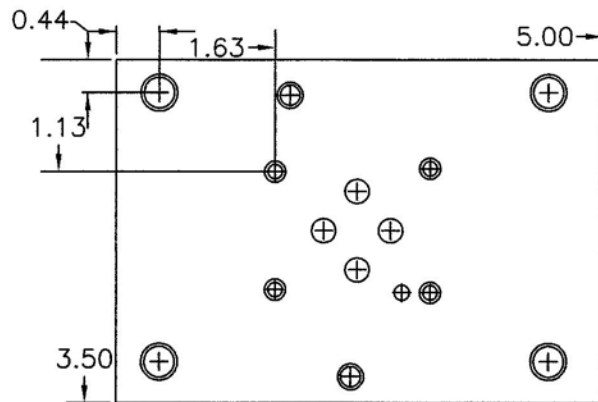
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TRANSITION PLATES

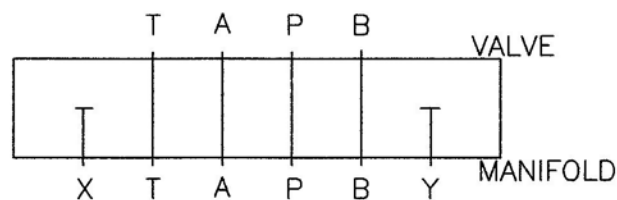
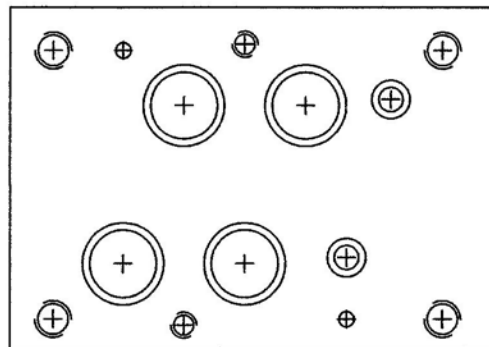
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PART NO. BY-BE



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 2- #109 O'RINGS
 4- #117 O'RINGS
 2- .125 X .375 ROLL PINS
 MATERIAL: STEEL



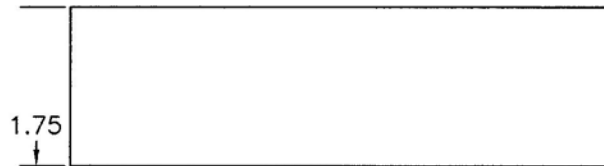
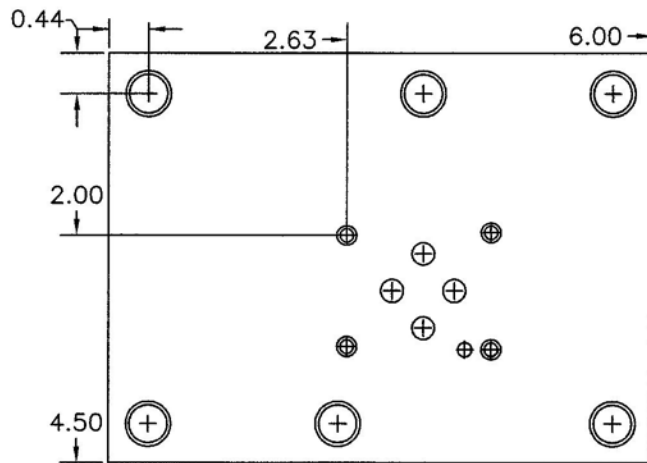
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TRANSITION PLATES

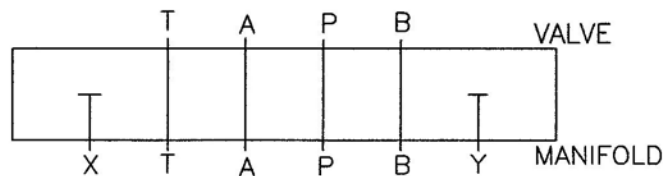
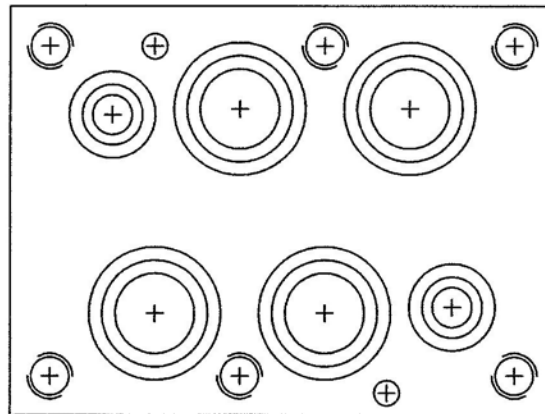
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D03 VALVE TO D08 INTERFACE

PART NO. BY-CV



TRANSITION PLATE INCLUDES:
 6- .500-13 X 1.750 SHCS
 2- #210 O'RINGS
 4- #214 O'RINGS
 2- .250 X .625 ROLL PINS
 MATERIAL: STEEL



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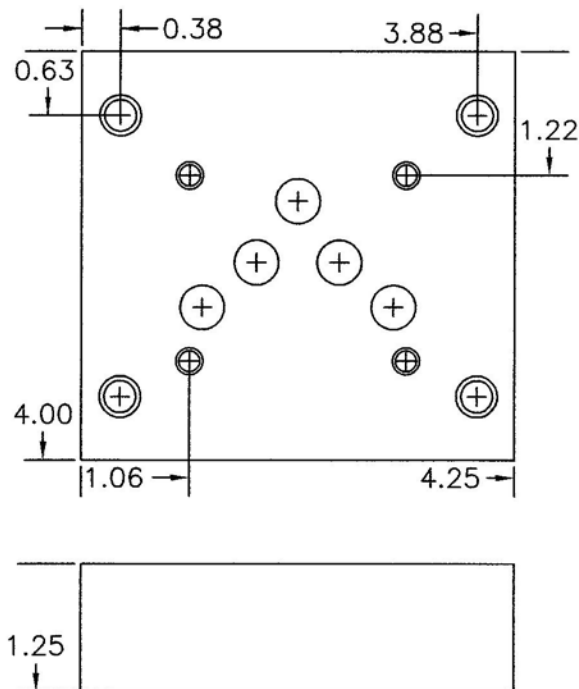
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TRANSITION PLATES

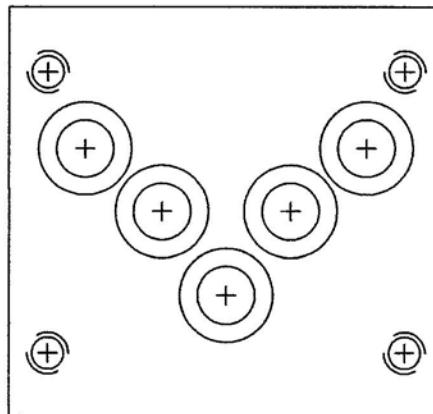
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D05 VALVE TO D06 INTERFACE

PART NO. A-B



TRANSITION PLATE INCLUDES:
4- .375-16 X 1.250 SHCS
5- #115 O'RINGS
MATERIAL: STEEL



T	A	P	B	ALT	T
T	A	P	B	ALT	T



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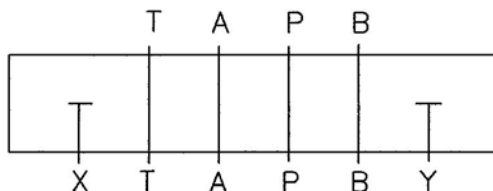
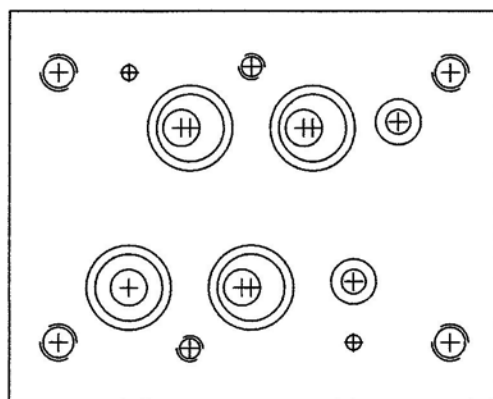
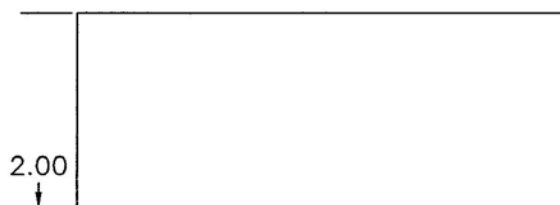
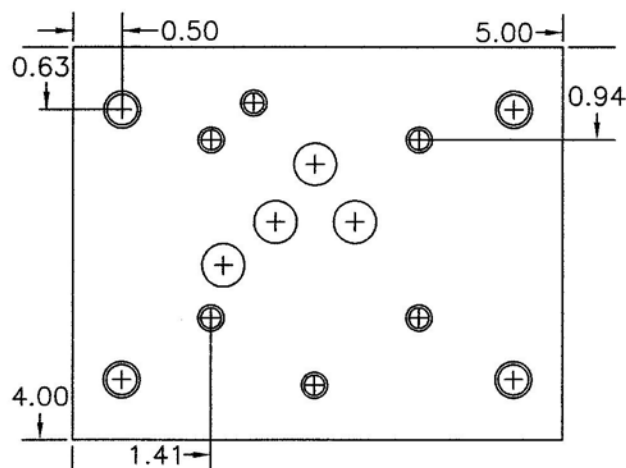
E-MAIL: info@med-kas.com

TRANSITION PLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D05 VALVE TO D07 INTERFACE

PART NO. A-BE



TRANSITION PLATE INCLUDES:

4- .375-16 X 2.000 SHCS

2- .250-20 X 1.875 SHCS

2- #109 O'RINGS

4- #117 O'RINGS

2- .125 X .375 ROLL PINS

MATERIAL: STEEL

NOTE: THIS IS THE SAME CONFIGURATION FOR D05H VALVES
PLEASE CONTACT THE MANUFACTURER FOR SPECIFIC APPLICATIONS



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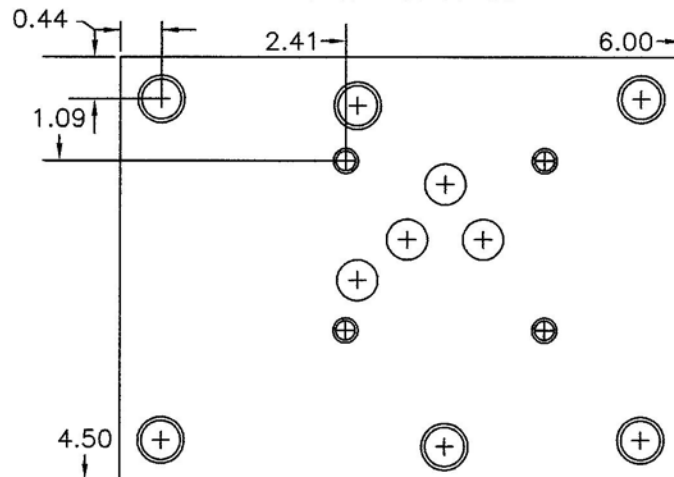
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

TRANSITION PLATES

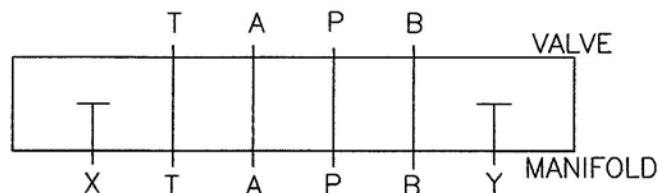
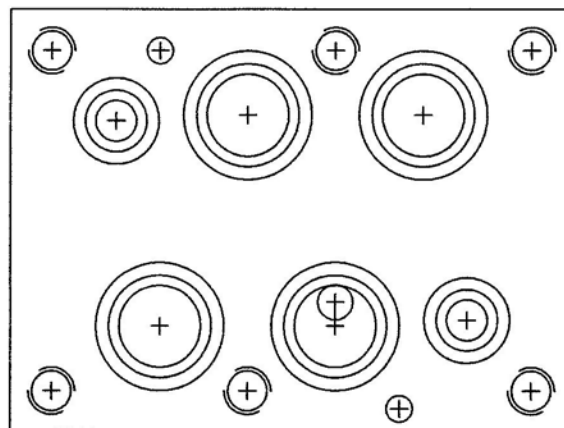
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D05 VALVE TO D08 INTERFACE

PART NO. A-CV



TRANSITION PLATE INCLUDES:
 6- .500-13 X 2.25 SHCS
 2- #210 O'RINGS
 4- #214 O'RINGS
 2- .250 X .625 ROLL PINS
 MATERIAL: STEEL



NOTE: THIS IS THE SAME CONFIGURATION FOR D05H VALVES
 PLEASE CONTACT THE MANUFACTURER FOR SPECIFIC APPLICATIONS



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P.O. BOX 1163

TROY, MI. 48099

TEL: 248-585-3220

WEB SITE: www.med-kas.com

1419 JOHN R

TROY, MI. 48083

FAX # 248 585-0646

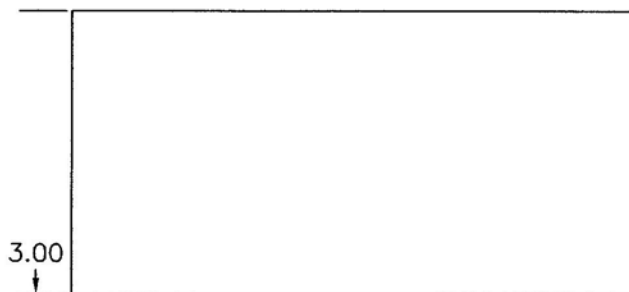
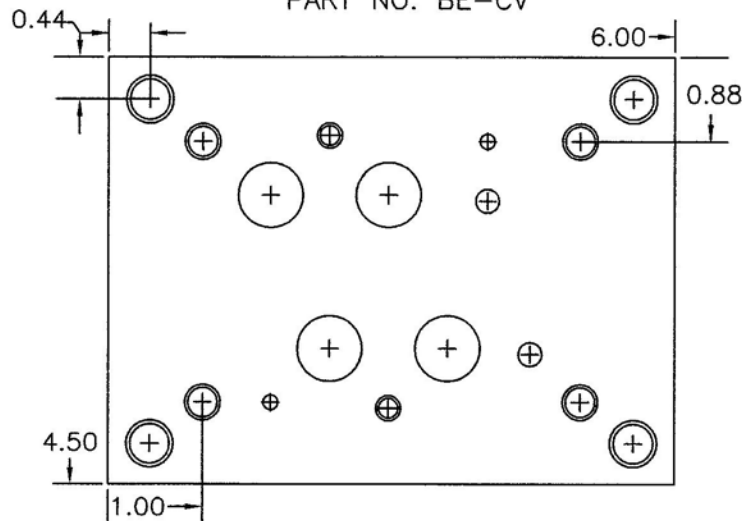
E-MAIL: info@med-kas.com

TRANSITION PLATES

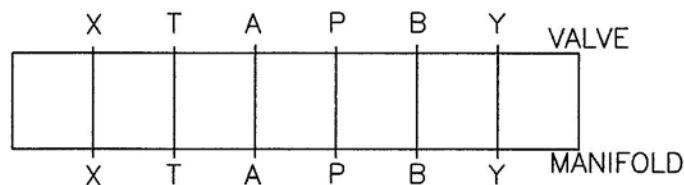
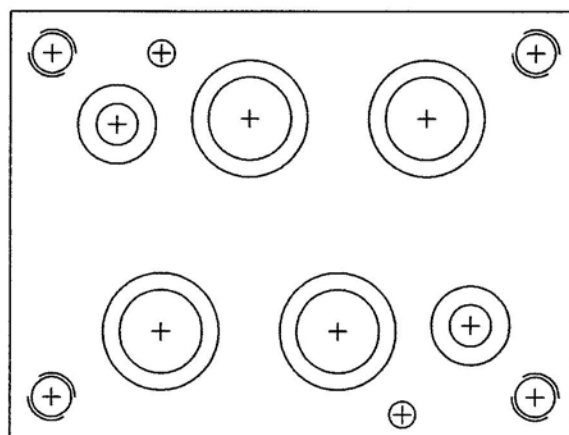
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D07 VALVE TO D08 INTERFACE

PART NO. BE-CV



TRANSITION PLATE INCLUDES:
 4- .500-13 X 2.750 SHCS
 2- #210 O'RINGS
 4- #214 O'RINGS
 2- .250 X .625 ROLL PINS
 MATERIAL: STEEL



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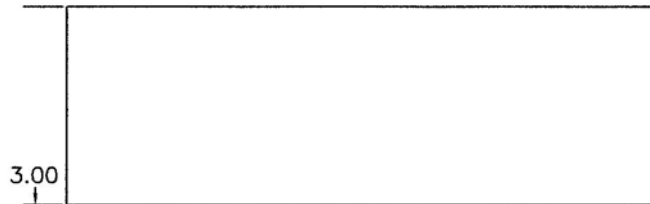
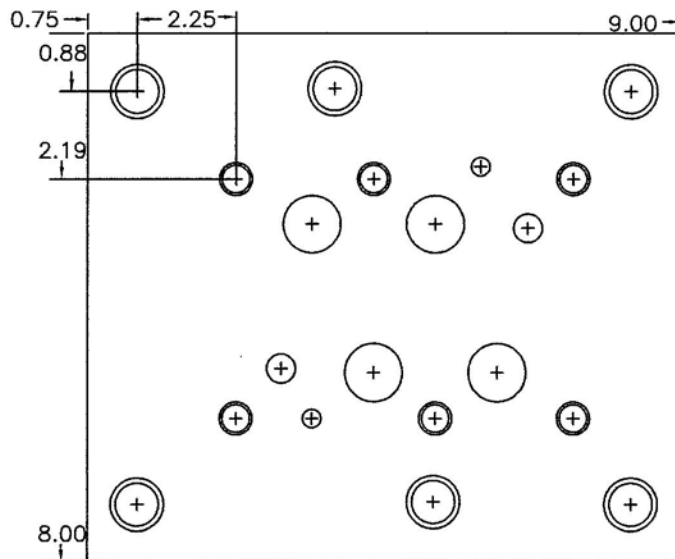
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TRANSITION PLATES

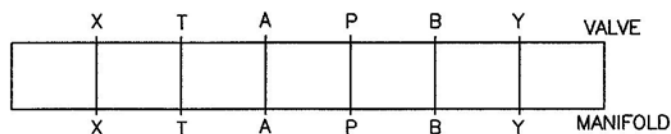
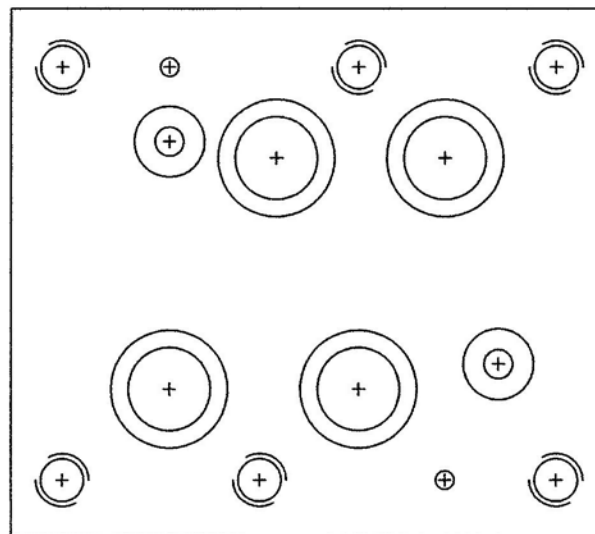
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D08 VALVE TO D10 INTERFACE

PART NO. CV-D



TRANSITION PLATE INCLUDES:
 6- .750 X 3.000 SHCS
 2- #210 O'RINGS
 4- #222 O'RINGS
 2- .250 X .625 ROLL PINS
 MATERIAL: STEEL



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TROY, MI. 48099

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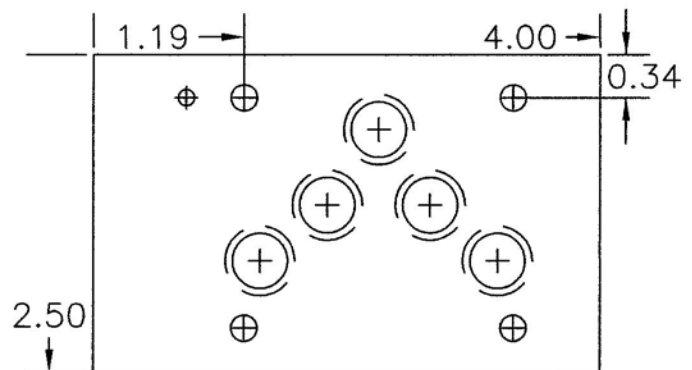
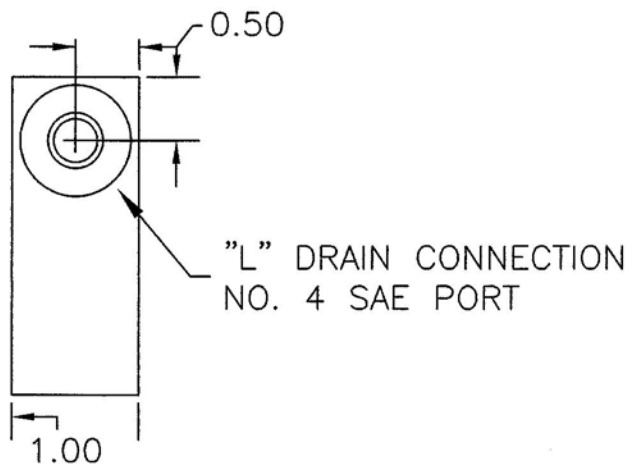
E-MAIL: info@med-kas.com

TRANSITION PLATES

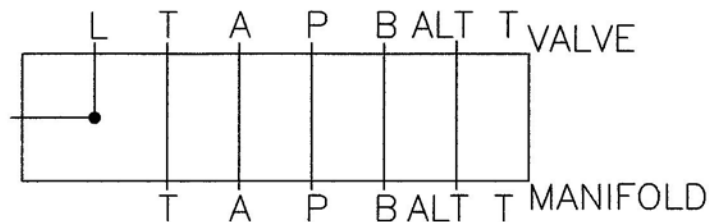
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

ADAPTS D05 VALVE WITH "L" DRAIN TO D05 INTERFACE

PART NO. JE-A



TRANSITION PLATE INCLUDES:
5- #014 O'RINGS
MATERIAL: STEEL



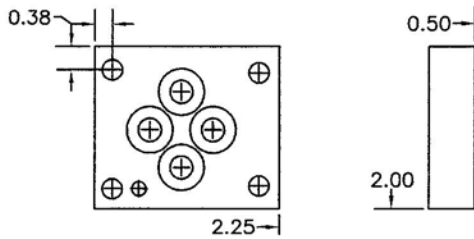
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TROY, MI. 48099 TROY, MI. 48083
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

COVER PLATES

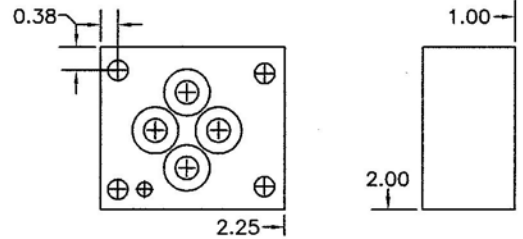
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

D03 PARALLEL CIRCUIT COVER PLATE
PART NO. BY-C



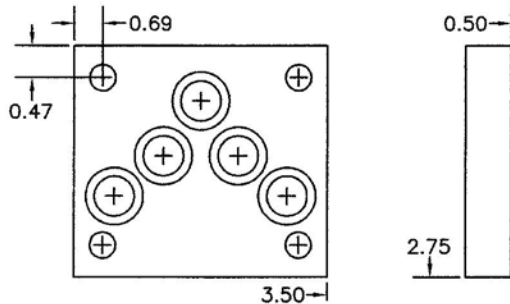
COVER PLATE INCLUDES:
4-#10-24 X .875 SHCS
4-#012 O'RINGS
1-.125 X .375 ROLL PIN
MATERIAL: STEEL

D03 SERIES CIRCUIT COVER PLATE
PART NO. BY-CS



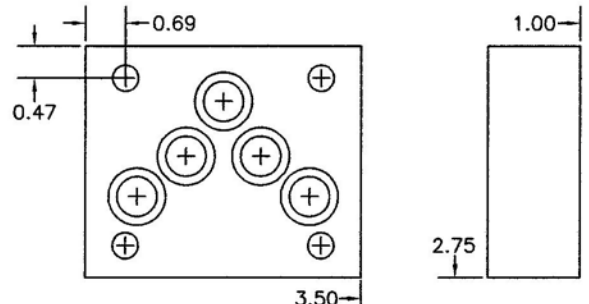
COVER PLATE INCLUDES:
4-#10-24 X 1.375 SHCS
4-#012 O'RINGS
1-.125 X .375 ROLL PIN
MATERIAL: STEEL

D05 PARALLEL CIRCUIT COVER PLATE
PART NO. A-C



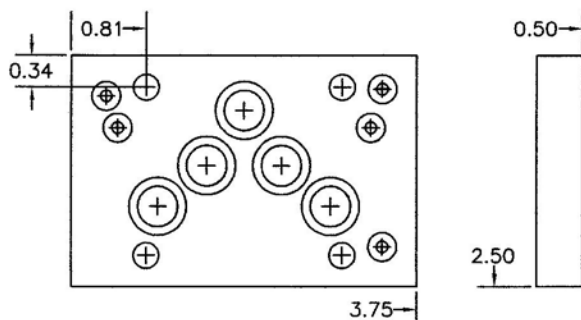
COVER PLATE INCLUDES:
4-.250-20 X .875 SHCS
5-#014 O'RINGS
MATERIAL: STEEL

D05 SERIES CIRCUIT COVER PLATE
PART NO. A-CS



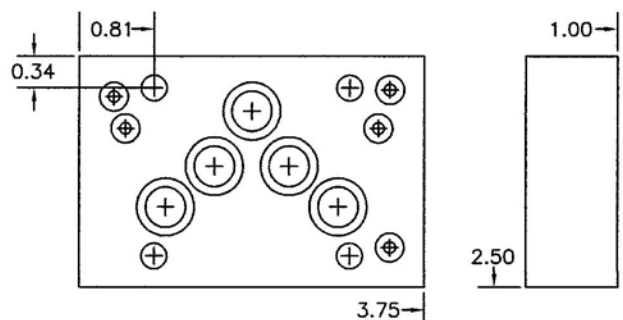
COVER PLATE INCLUDES:
4-.250-20 X 1.375 SHCS
5-#014 O'RINGS
MATERIAL: STEEL

D05H PARALLEL CIRCUIT COVER PLATE
PART NO. D05H-C



COVER PLATE INCLUDES:
4-.250-20 X .875 SHCS
5-#014 O'RINGS
5-#008 O'RINGS
MATERIAL: STEEL

D05H SERIES CIRCUIT COVER PLATE
PART NO. D05H-CS



COVER PLATE INCLUDES:
4-.250-20 X 1.375 SHCS
5-#014 O'RINGS
5-#008 O'RINGS
MATERIAL: STEEL

THIS COVER PLATE IS DESIGNED TO SEAL BOTH THE
USA STANDARD AND THE ISO STANDARD VALVE PATTERNS.



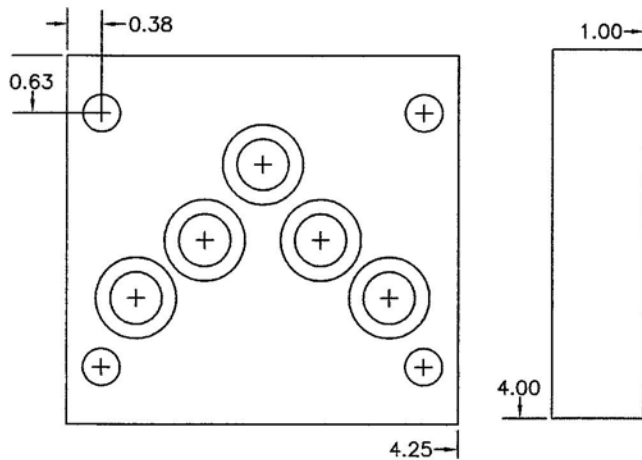
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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
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WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

COVER PLATES

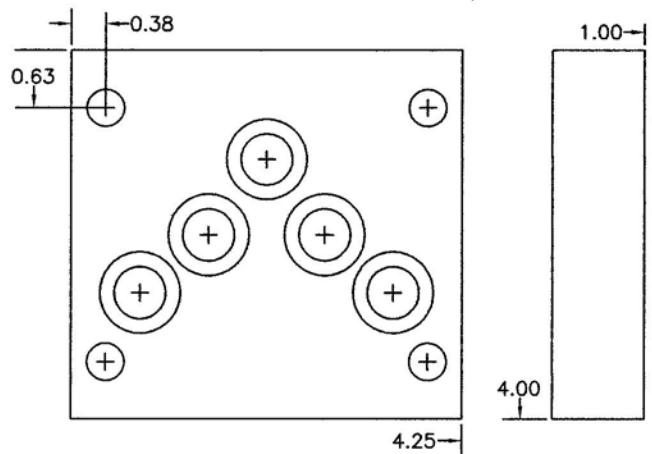
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

D06 PARALLEL CIRCUIT COVER PLATE
PART NO. B-C



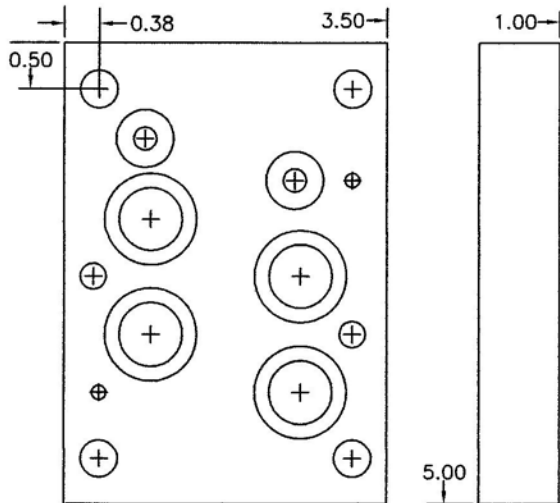
COVER PLATE INCLUDES:
4-.375-16 X 1.500 SHCS
5-#018 O'RINGS
MATERIAL: STEEL

D06 SERIES COVER PLATE
PART NO. B-CS



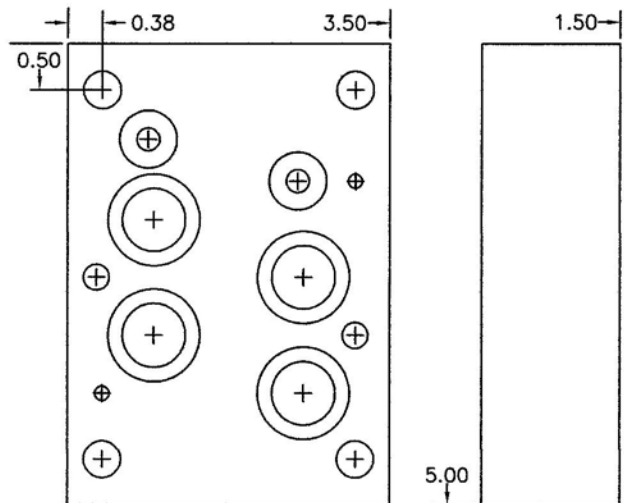
COVER PLATE INCLUDES:
4-.375-16 X 1.500 SHCS
5-#018 O'RINGS
MATERIAL: STEEL

D07 PARALLEL CIRCUIT COVER PLATE
PART NO. BE-C



COVER PLATE INCLUDES:
4-.375-16 X 1.500 SHCS
2-.250-20 X 1.375 SHCS
2-#109 O'RINGS
4-#117 O'RINGS
2-.125 X .375 ROLL PINS
MATERIAL: STEEL

D07 SERIES CIRCUIT COVER PLATE
BE-CS



COVER PLATE INCLUDES:
4-.375-16 X 2.000 SHCS
2-.250-20 X 1.875 SHCS
2-#109 O'RINGS
4-#117 O'RINGS
2-.125 X .375 ROLL PINS
MATERIAL: STEEL



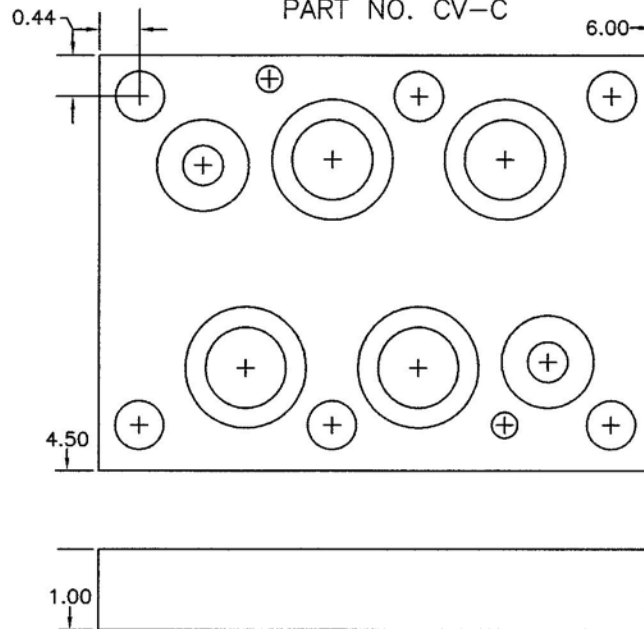
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COVER PLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

D08 PARALLEL CIRCUIT COVER PLATE

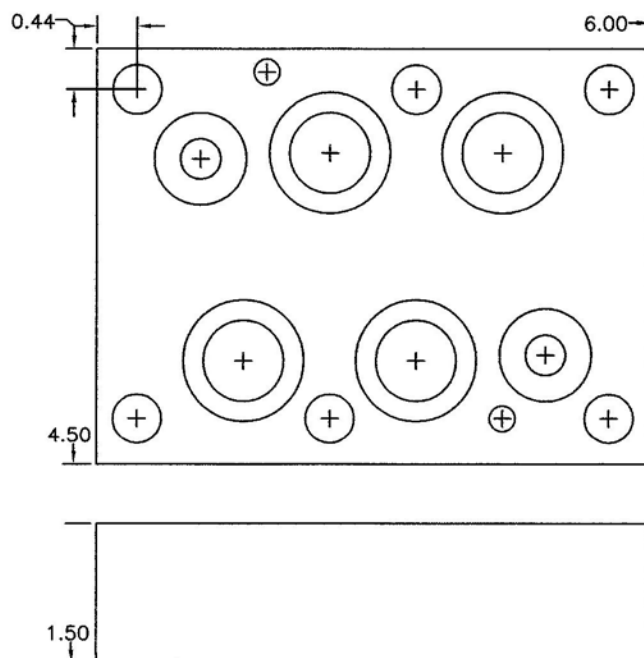
PART NO. CV-C



COVER PLATE INCLUDES:
6-.500-13 X 2.25 SHCS
2-#210 O'RINGS
4-#214 O'RINGS
2-.250 X .625 ROLL PINS
MATERIAL: STEEL

D08 SERIES CIRCUIT COVER PLATE

PART NO. CV-CS



COVER PLATE INCLUDES:
6-.500-13 X 2.25 SHCS
2-#210 O'RINGS
4-#214 O'RINGS
2-.250 X .625 ROLL PINS
MATERIAL: STEEL



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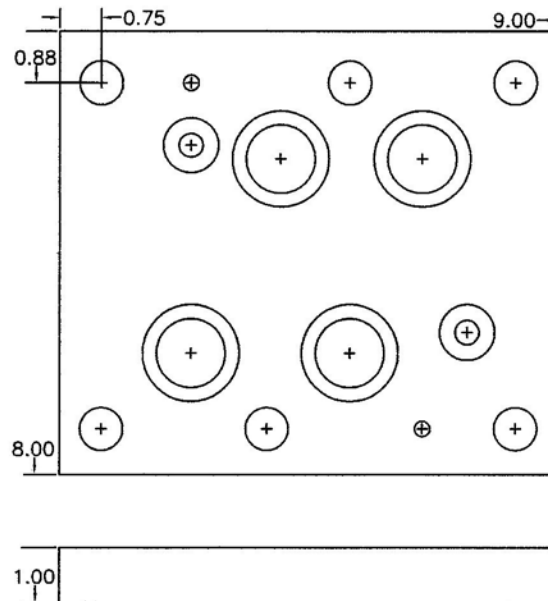
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

COVER PLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

D10 PARALLEL CIRCUIT COVER PLATE

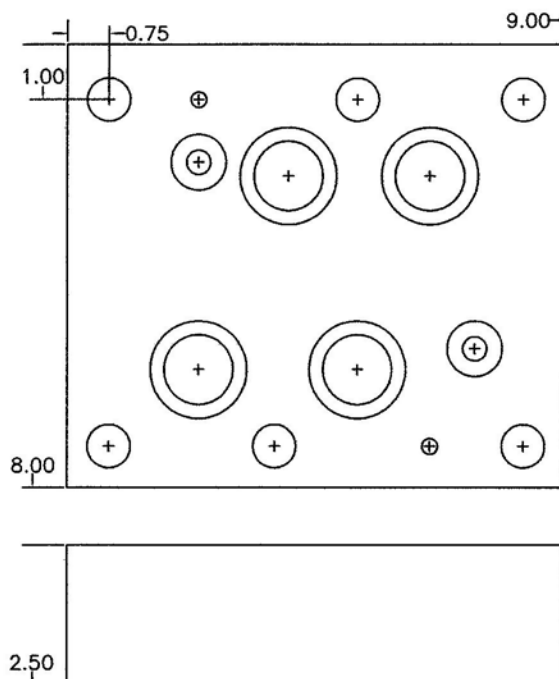
PART NO. D-C



COVER PLATE INCLUDES:
6-.750-10 X 2.25 SHCS
2-#210 O'RINGS
4-#222 O'RINGS
2-.250 X .625 ROLL PINS
MATERIAL: STEEL

D10 SERIES CIRCUIT COVER PLATE

PART NO. D-CS



COVER PLATE INCLUDES:
6-.750-10 X 3.50 SHCS
2-#210 O'RINGS
4-#222 O'RINGS
2-.250 X .625 ROLL PINS
MATERIAL: STEEL



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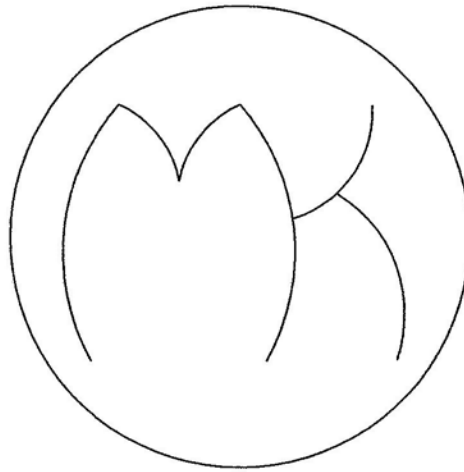
1419 JOHN R

TROY, MI. 48083

FAX # 248 585-0646

E-MAIL: info@med-kas.com

COVER PLATES



VALVE CODE

C-08
C-09
2F06
2F07
R08
P06
P08
P10
2FB07

PART NUMBER

E-C
F-C
U-C
X-C
Q-C
K-C
L-C
N-C
DE-C

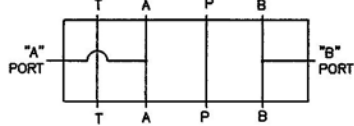
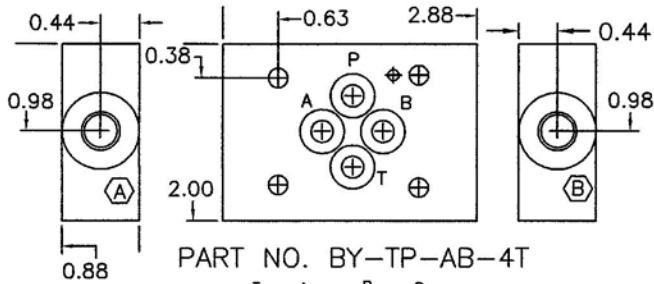
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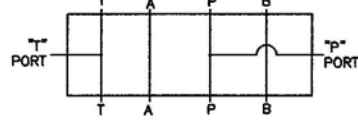
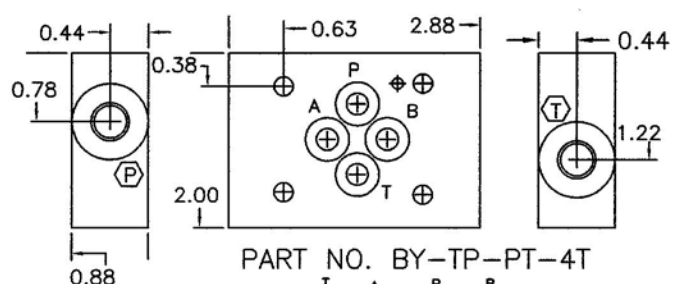
TAPPING PLATES

SEE TECHNICAL INFORMATION SECTION, FOR VALVE MOUNTING DIMENSIONS

D03 DESIGNATION BY-TP-**-4T PORT TYPE
 TAPPING PLATE DESIGNATION 4T- .437-20 SAE THREAD
PORTS TO BE TAKEN EXTERNALLY

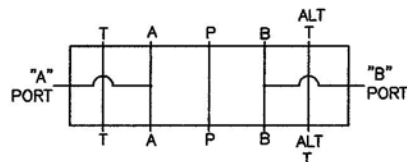
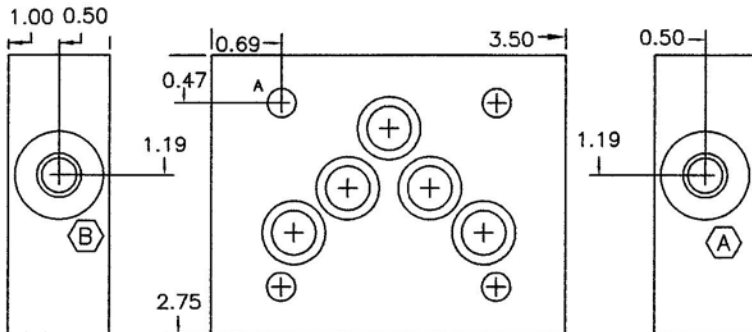


TAPPING PLATES INCLUDE:
 4- #012 O'RINGS
 1- .125 X .375 ROLL PIN
 MATERIAL: STEEL

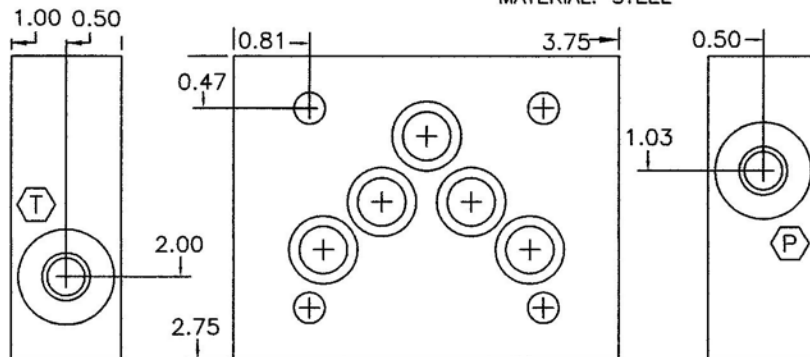
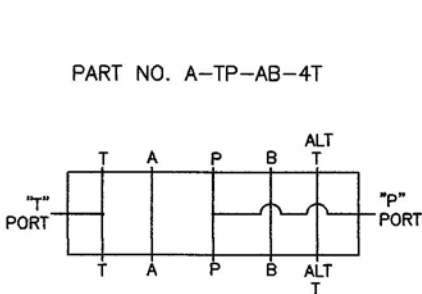


NOTE: A PLATE IN THIS CONFIGURATION IS ALSO AVAILABLE FOR CUSTOM INTERNAL CONNECTIONS
 PLEASE CONTACT THE MANUFACTURER FOR FURTHER DETAILS

D05 DESIGNATION A-TP-**-4T PORT TYPE
 TAPPING PLATE DESIGNATION 4T- .437-20 SAE THREAD
PORTS TO BE TAKEN EXTERNALLY



TAPPING PLATES INCLUDE:
 5- #014 O'RINGS
 MATERIAL: STEEL



NOTE: A PLATE IN THIS CONFIGURATION IS ALSO AVAILABLE FOR CUSTOM INTERNAL CONNECTIONS
 PLEASE CONTACT THE MANUFACTURER FOR FURTHER DETAILS



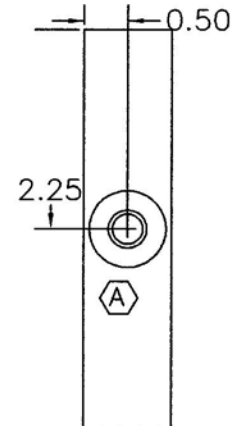
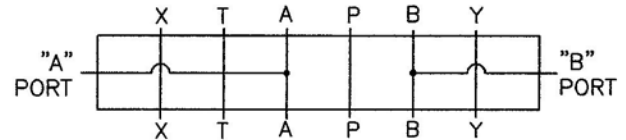
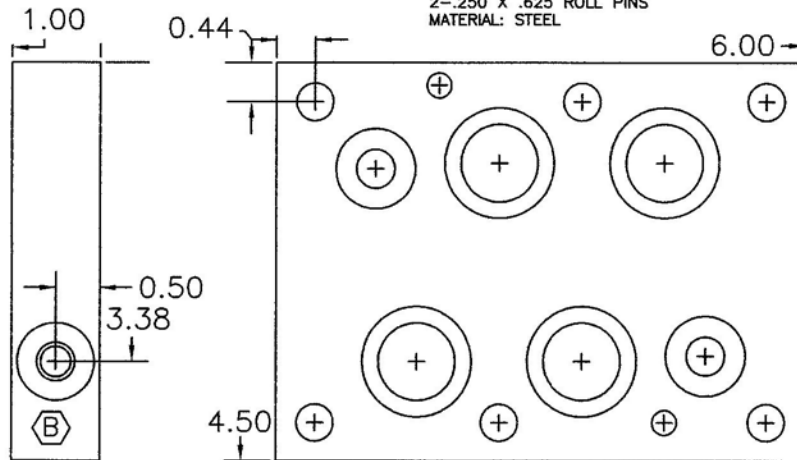
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TAPPING PLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

PART NO.
CV-TP-AB-4T
D08 DESIGNATION
TAPPING PLATE DESIGNATION
PORT TYPE
4T- .437-20 SAE THREAD
PORTS TO BE TAKEN EXTERNALLY

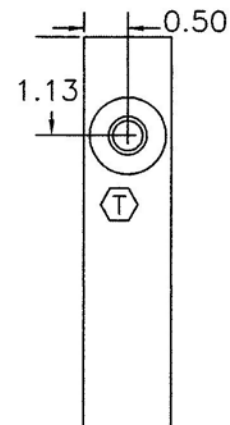
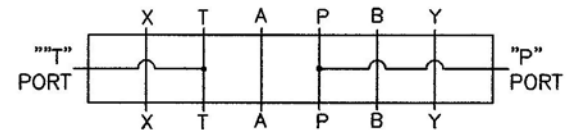
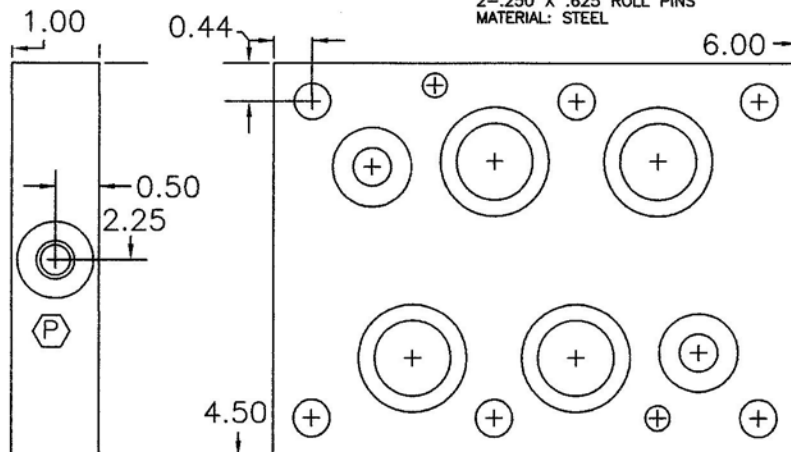
TAPPING PLATE INCLUDES:
2-#210 O-RINGS
4-#214 O-RINGS
2-.250 X .625 ROLL PINS
MATERIAL: STEEL



NOTE: A PLATE IN THIS CONFIGURATION IS ALSO AVAILABLE FOR CUSTOM INTERNAL CONNECTIONS
PLEASE CONTACT THE MANUFACTURE FOR FURTHER DETAILS

PART NO.
CV-TP-PT-4T
D08 DESIGNATION
TAPPING PLATE DESIGNATION
PORTS TO BE TAKEN EXTERNALLY
PORT TYPE
4T- .437-20 SAE THREAD

TAPPING PLATE INCLUDES:
2-#210 O-RINGS
4-#214 O-RINGS
2-.250 X .625 ROLL PINS
MATERIAL: STEEL



NOTE: A PLATE IN THIS CONFIGURATION IS ALSO AVAILABLE FOR CUSTOM INTERNAL CONNECTIONS
PLEASE CONTACT THE MANUFACTURE FOR FURTHER DETAILS



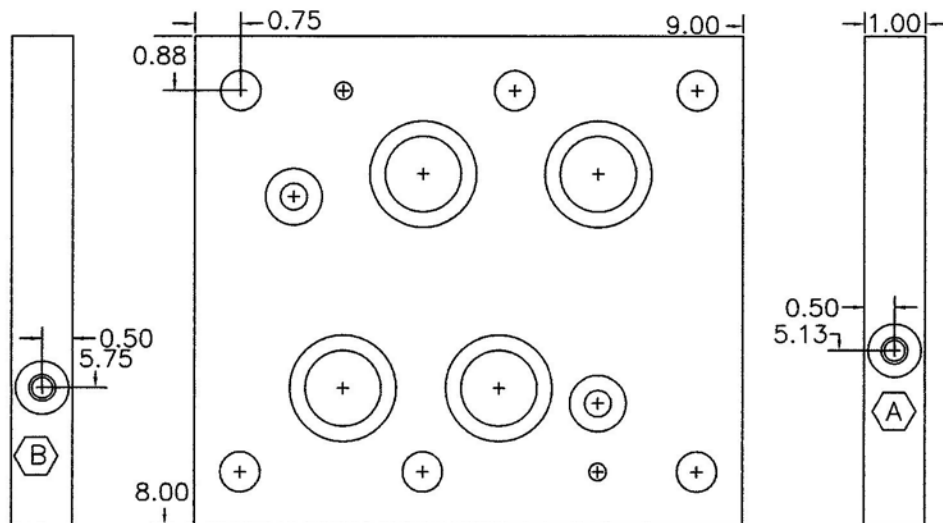
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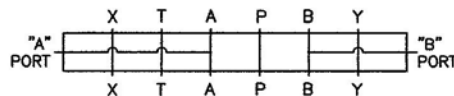
TAPPING PLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

PART NO. D-TP-AB-4T
 D10 DESIGNATION TAPPING PLATE DESIGNATION
 PORT TYPE 4T- .437-20 SAE THREAD
 PORTS TO BE TAKEN EXTERNALLY



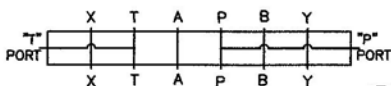
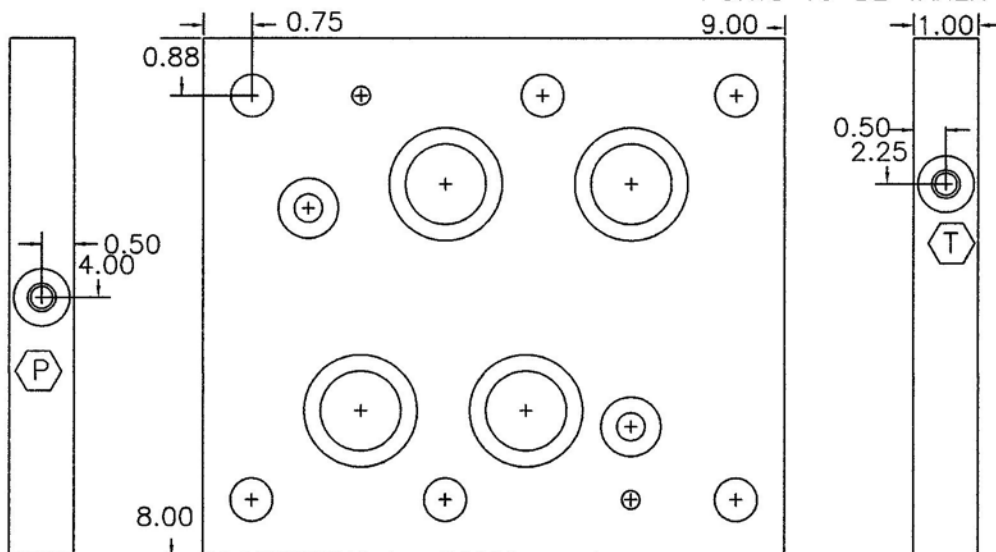
TAPPING PLATE INCLUDES:
 2-#210 O'RINGS
 4-#222 O'RINGS
 2-.250 X .625 ROLL PINS
 MATERIAL: STEEL



NOTE A PLATE IN THIS CONFIGURATION IS ALSO AVAILABLE FOR CUSTOM INTERNAL CONNECTIONS
 PLEASE CONTACT THE MANUFACTURE FOR FURTHER DETAILS

TAPPING PLATE INCLUDES:
 2-#210 O'RINGS
 4-#222 O'RINGS
 2-.250 X .625 ROLL PINS
 MATERIAL: STEEL

PART NO. D-TP-PT-4T
 D10 DESIGNATION TAPPING PLATE DESIGNATION
 PORT TYPE 4T- .437-20 SAE THREAD
 PORTS TO BE TAKEN EXTERNALLY



NOTE A PLATE IN THIS CONFIGURATION IS ALSO AVAILABLE FOR CUSTOM INTERNAL CONNECTIONS
 PLEASE CONTACT THE MANUFACTURE FOR FURTHER DETAILS



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P.O. BOX 1163
 TROY, MI. 48099

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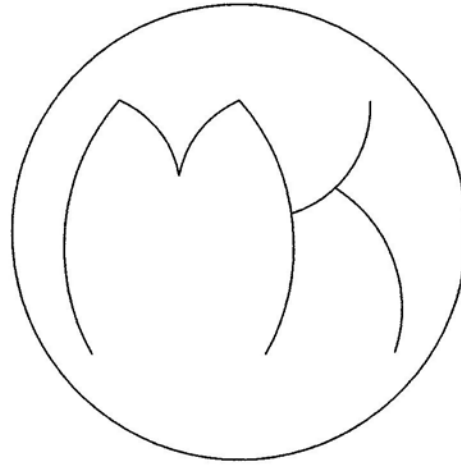
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FAX # 248 585-0646

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SUBPLATES



NFPA PATTERN	MED-KAS MODEL CODE	PAGE NO.
D03	BY	4-2,4-3
D05	A	4-4,4-5,4-6
D05-H	JE + KC	4-7,4-8
D06	B	4-9
D07	BE	4-10
D08	CV	4-11,4-12,4-13
D10	D	4-14,4-15
2F06	U	4-16
2F07	X	4-17
C08	E	4-18
C09	F	4-18
R08	Q	4-19
P06	K	4-20
P08	L	4-21
P10	N	4-22

NON NFPA STANDARD SUBPLATES

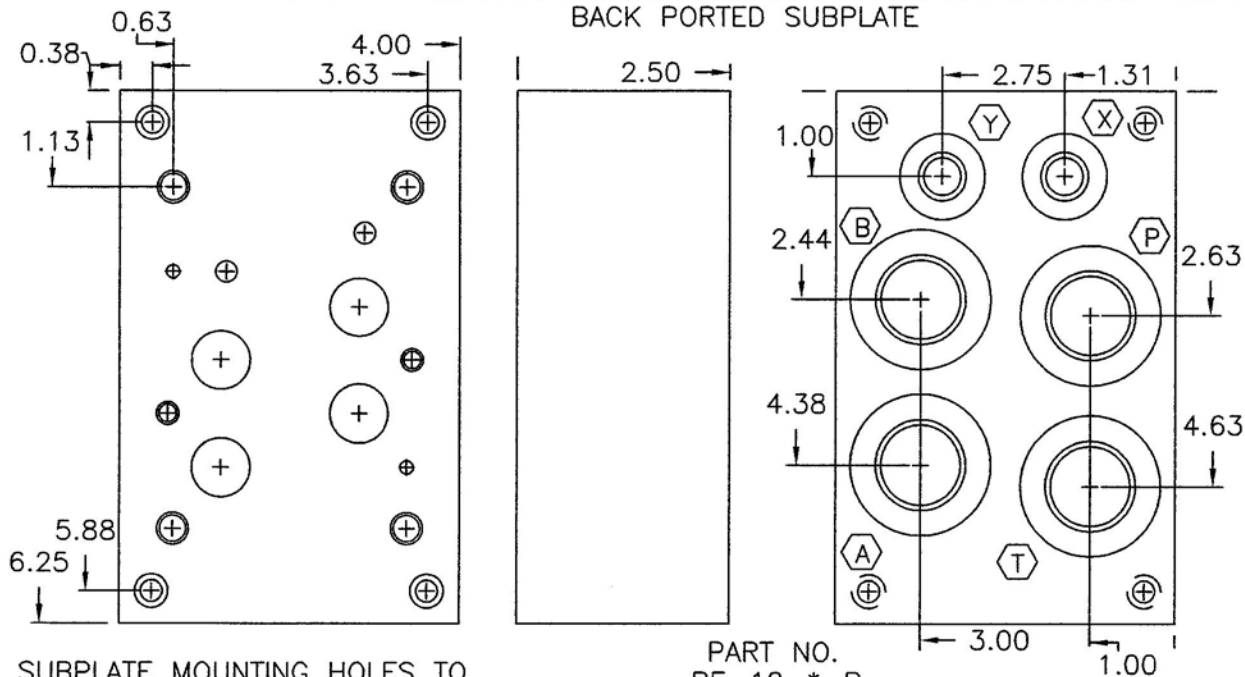
CPG-6	DE	4-23
CG-06	BL	4-24

MED-KAS HYDRAULICS, INC.
 P.O. BOX 1163 1419 JOHN R
 TROY, MI. 48099 TROY, MI. 48083
 TEL: 248-585-3220 FAX # 248 585-0646
 WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

D07 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
BACK PORTED SUBPLATE



SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 5/16-18
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	1.062-12=12T
NPTF	.750-14=12

PORT SIZE

X+Y PORTS
SAE THREAD .562-18
NPTF .250-18

PART NO.

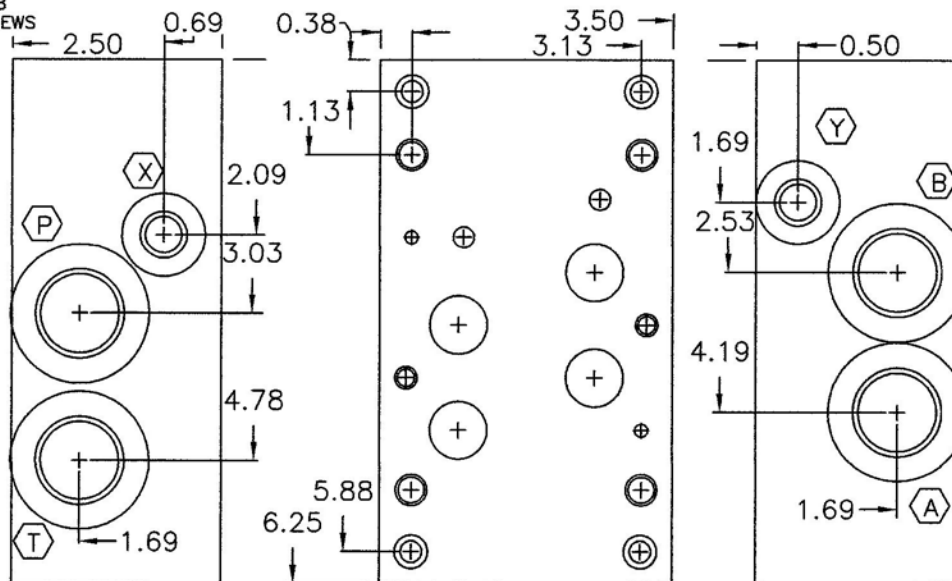
BE-12-*--B

BACK PORTED
(OMIT FOR SIDE PORTED)

PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 5/16-18
SOCKET HEAD CAP SCREWS

SIDE PORTED SUBPLATE



PORT SIZES

SAE THREAD	1.062-12=12T
NPTF	.750-14=12

X+Y PORTS
SAE THREAD .562-18
NPTF .250-18

D07 DESIGNATION

PART NO.

BE-12-*

PORT SIZE

PORT TYPE
T-SAE THREAD
OMIT FOR NPTF



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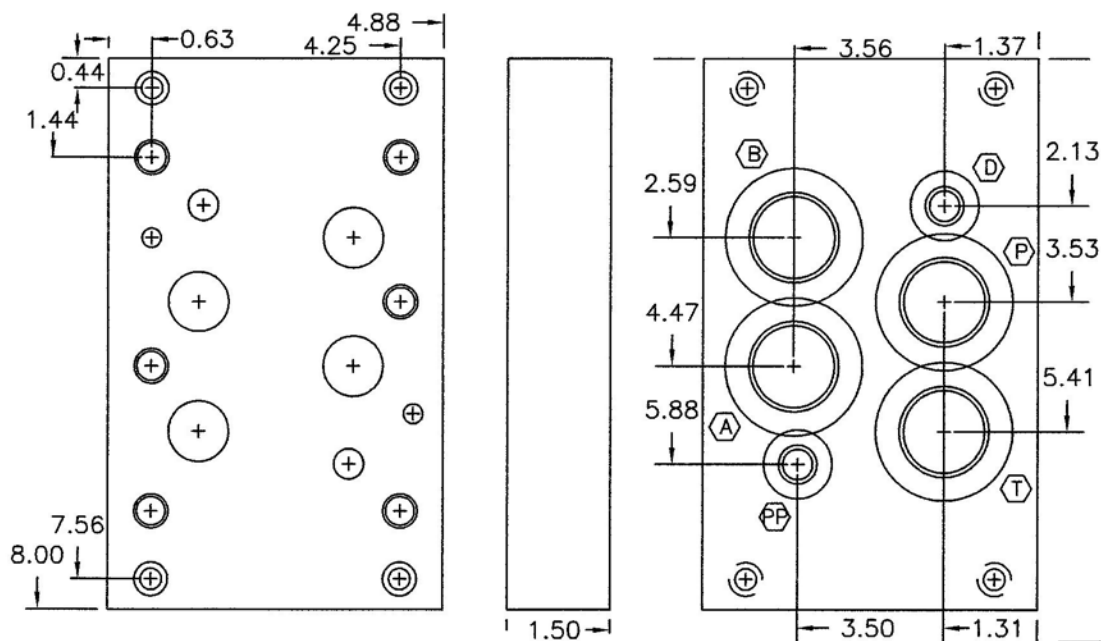
FAX # 248 585-0646

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D08 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

BACK PORTED SUBPLATE



SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS D08 DESIGNATION

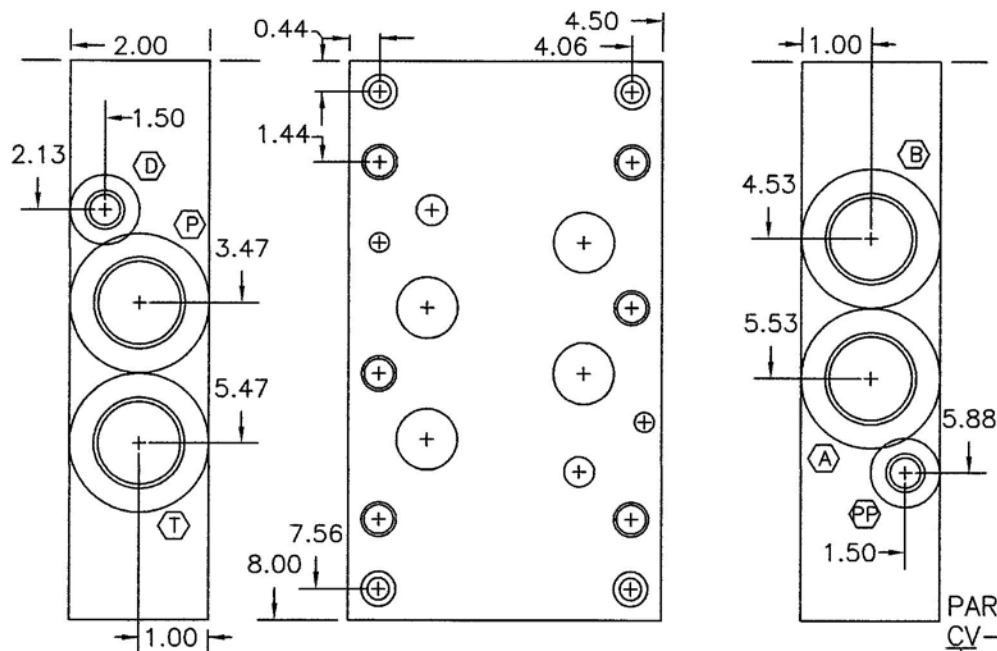
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-14=12	1.000-11.5=16

PART NO.
CV-16-*B

BACK PORTED
(OMIT FOR SIDE PORTED)
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

X&Y PORTS
SAE THREAD .562-18
NPTF .250-14

SIDE PORTED SUBPLATE



SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-14=12	1.000-11.5=16

D08 DESIGNATION

PART NO.
CV-16-*

PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

X&Y PORTS
SAE THREAD .562-18
NPTF .250-14



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P.O. BOX 1163 1419 JOHN R
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TEL: 248-585-3220 FAX # 248 585-0646
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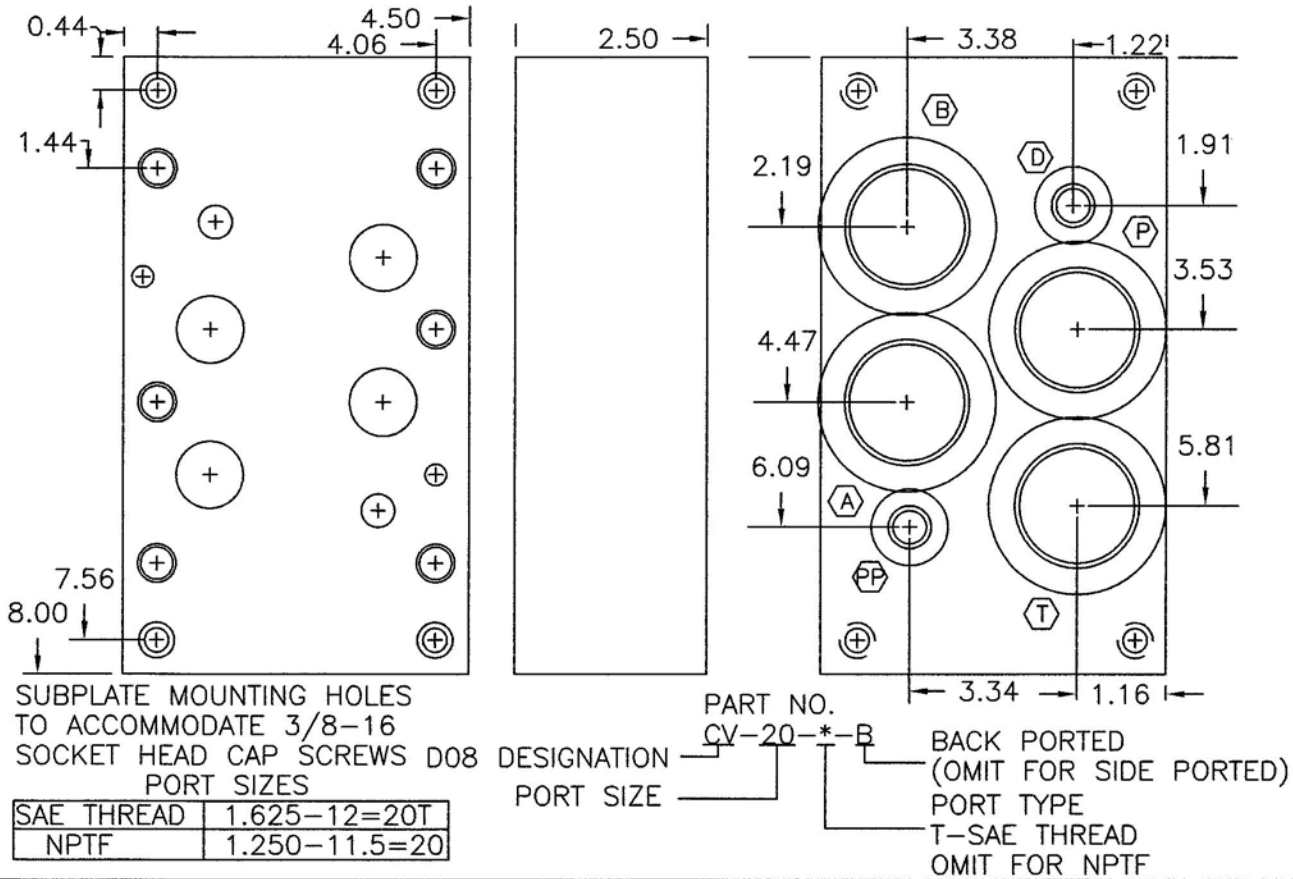
SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

D08 SUBPLATE

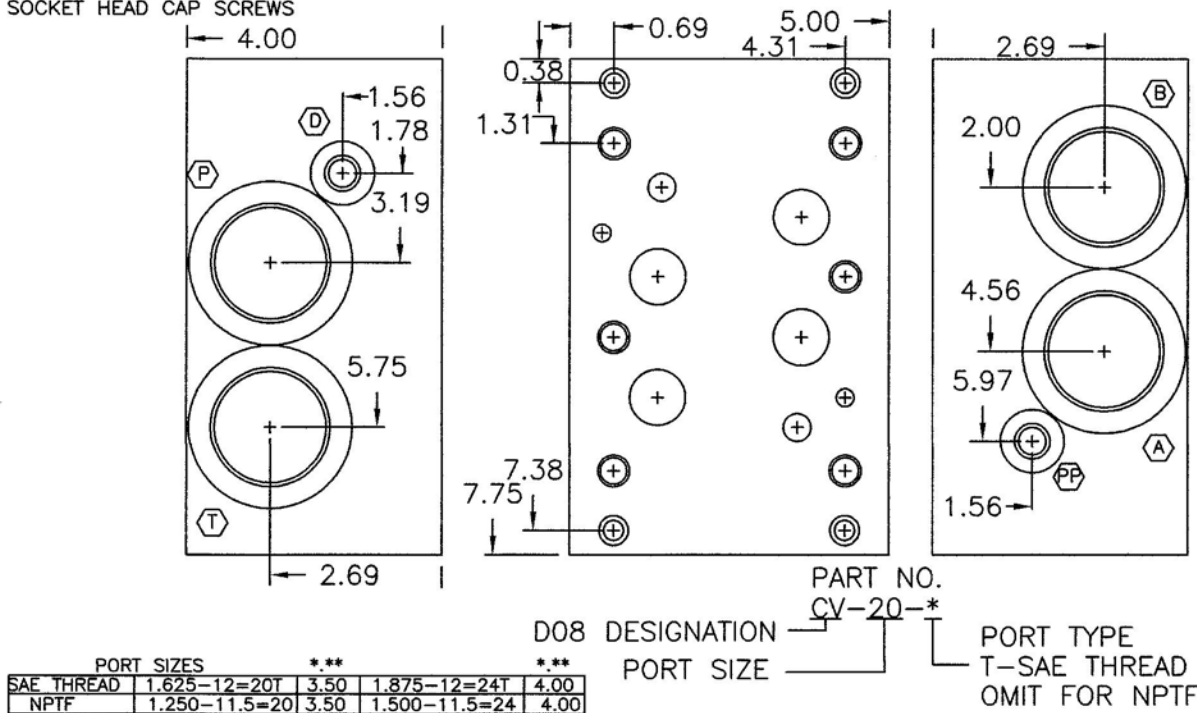
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

OVERSIZED REAR PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

OVERSIZED SIDE PORTED SUBPLATE



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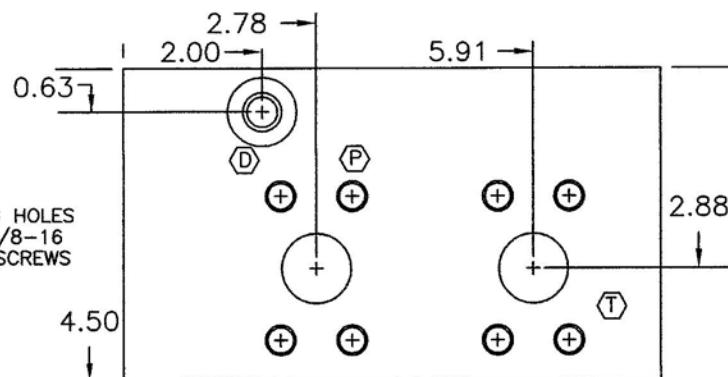
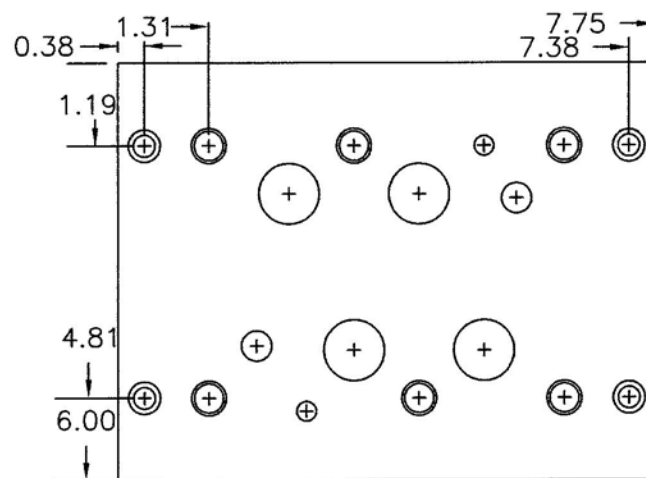
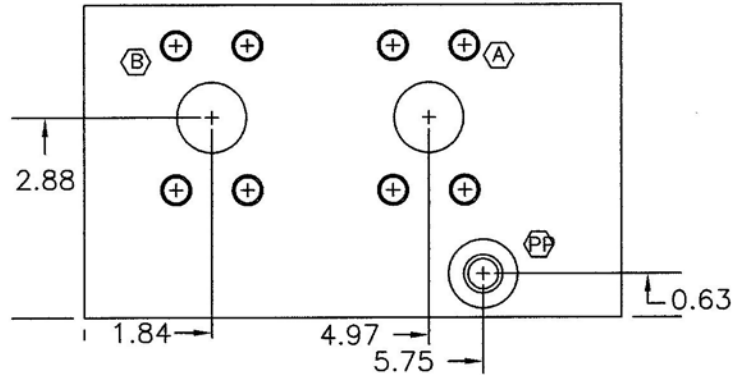
TROY, MI. 48083

FAX # 248 585-0646

E-MAIL: info@med-kas.com

D08 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
FLANGE CONNECTIONS



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PART NO.
CV-10-F
D08 DESIGNATION
PORT SIZE
PORT TYPE=FLANGE

PORT SIZES

SAE FLANGES	1.250-3000#
PP+D	.562-18=6T



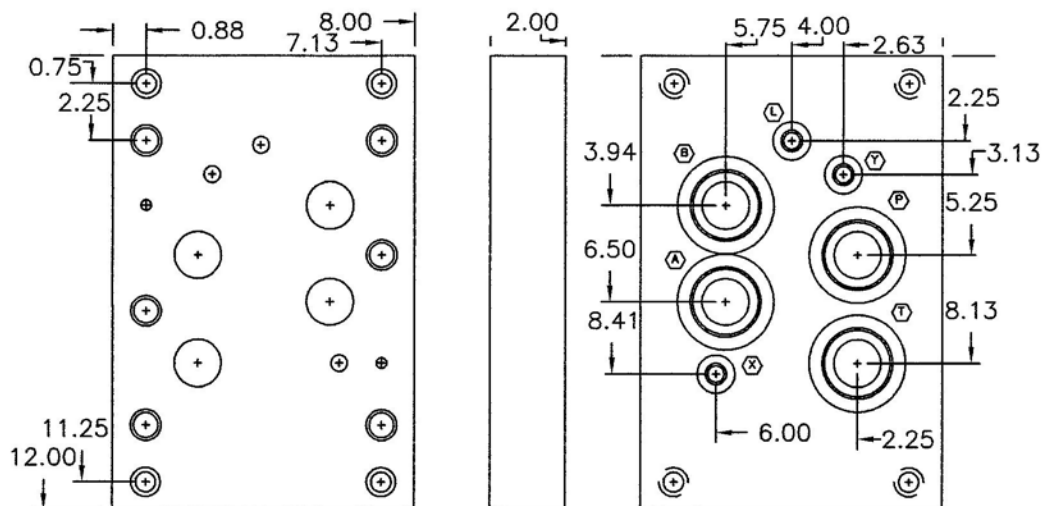
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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SUBPLATE MATERIAL: 1018

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

D10 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
BACK PORTED SUBPLATE



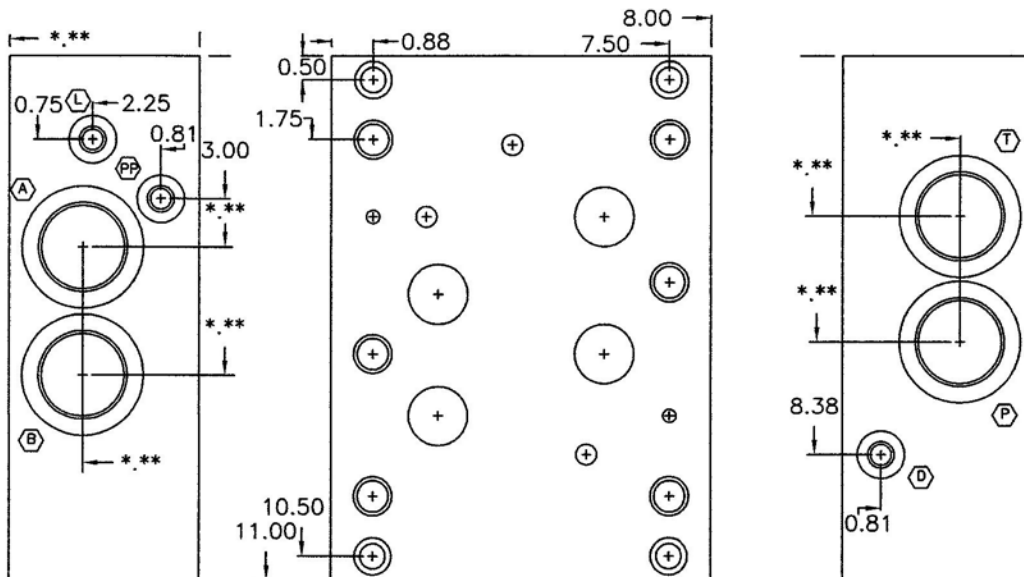
SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 5/8-11
SOCKET HEAD CAP SCREWS

PORT SIZES	
SAE THREAD	1.875-12=24T
NPTF	1.500-11.5=24

X,Y,&L PORTS	
SAE THREAD	.750-16
NPTF	.375-18

D10 DESIGNATION **D-24-*** PART NO. **D-24-*** BACK PORTED (OMIT FOR SIDE PORTED)
PORT SIZE ***** PORT TYPE **T**-SAE THREAD
OMIT FOR NPTF

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 5/8-11
SOCKET HEAD CAP SCREWS

X,Y,&L PORTS	
SAE THREAD	.750-16
NPTF	.375-18

D10 DESIGNATION **D-24-*** PART NO. **D-24-*** PORT TYPE **T**-SAE THREAD
PORT SIZE ***** OMIT FOR NPTF

*** DIMENSIONS CHANGE
WITH PORT SIZE

PORT SIZES		***	***	***	***	***
SAE THREAD	1.625-12=20T	3.50	1.875-12=24T	4.00	2.50-12=32T	4.50
NPTF	1.250-11.5=20	3.50	1.500-11.5=24	4.00	2.00-11.5=32	4.00



SUBPLATE MATERIAL: 1018

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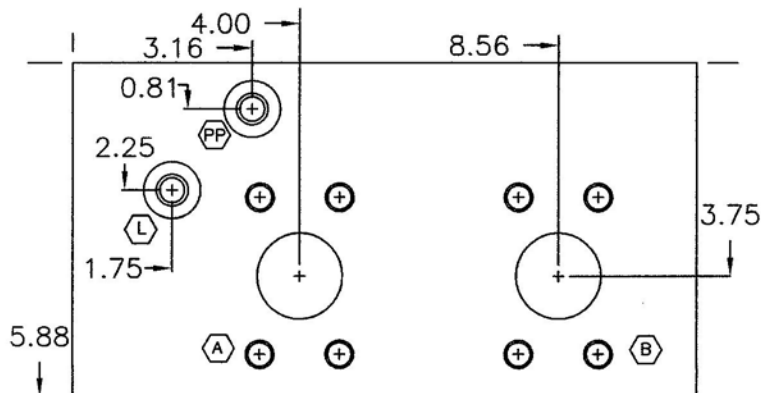
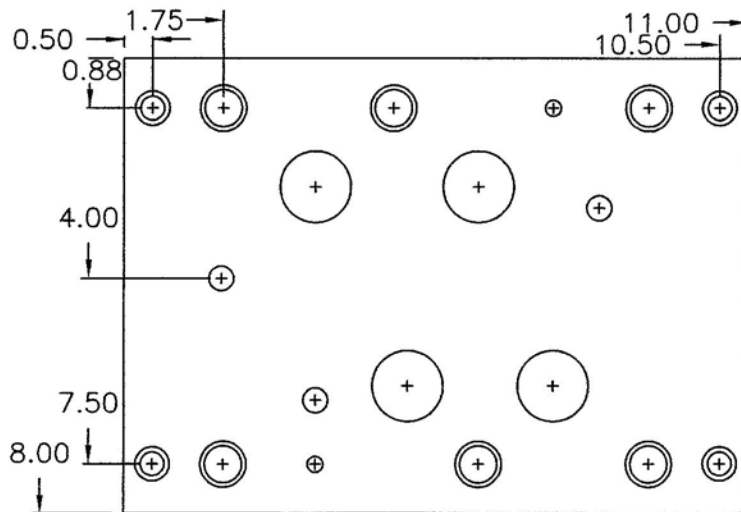
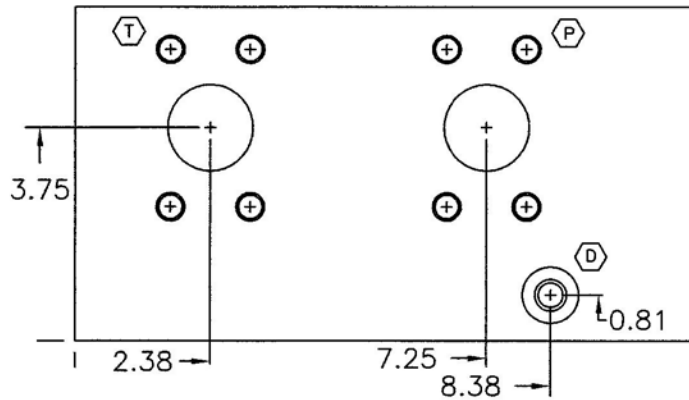
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FAX # 248 585-0646

E-MAIL: info@med-kas.com

D10 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
FLANGE CONNECTIONS



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 1/2-13
SOCKET HEAD CAP SCREWS

PORT SIZES	
SAE FLANGES	2.00-3000#
PP,D+L	.562-18=61

PART NO.
D-16-F
D10 DESIGNATION
PORT SIZE
PORT TYPE=FLANGE



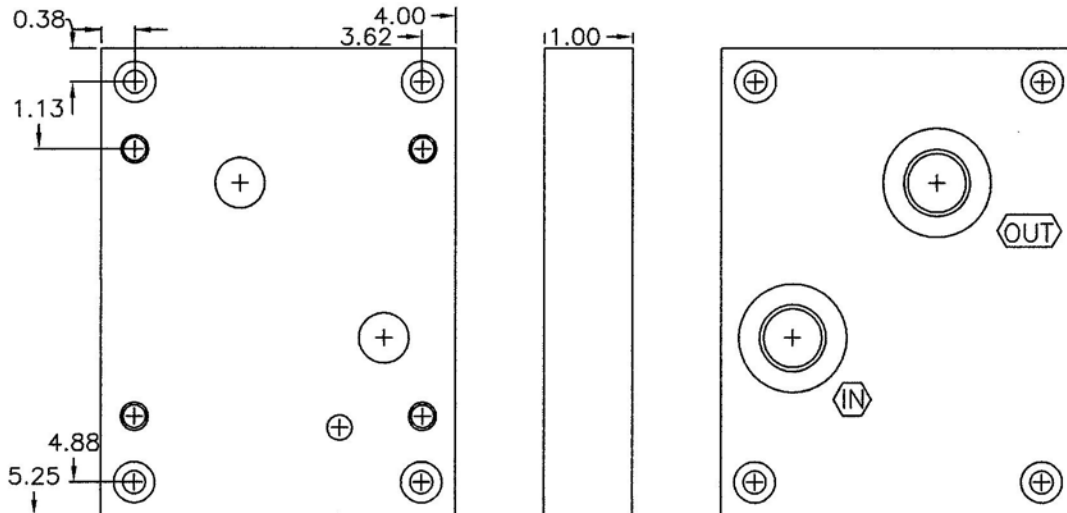
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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

2F06 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

BACK PORTED SUBPLATE



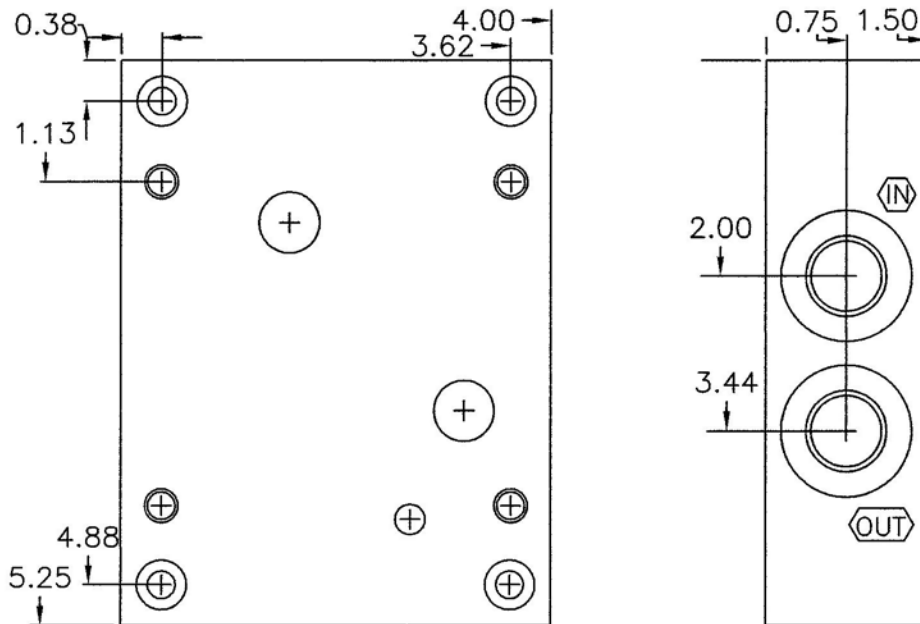
SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 5/16-18
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

PART NO.
U-8-*B
2F06 DESIGNATION
PORT SIZE
BACK PORTED
(OMIT FOR SIDE PORTED)
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 5/16-18
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

PART NO.
U-8-*
2F07 DESIGNATION
PORT SIZE
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF



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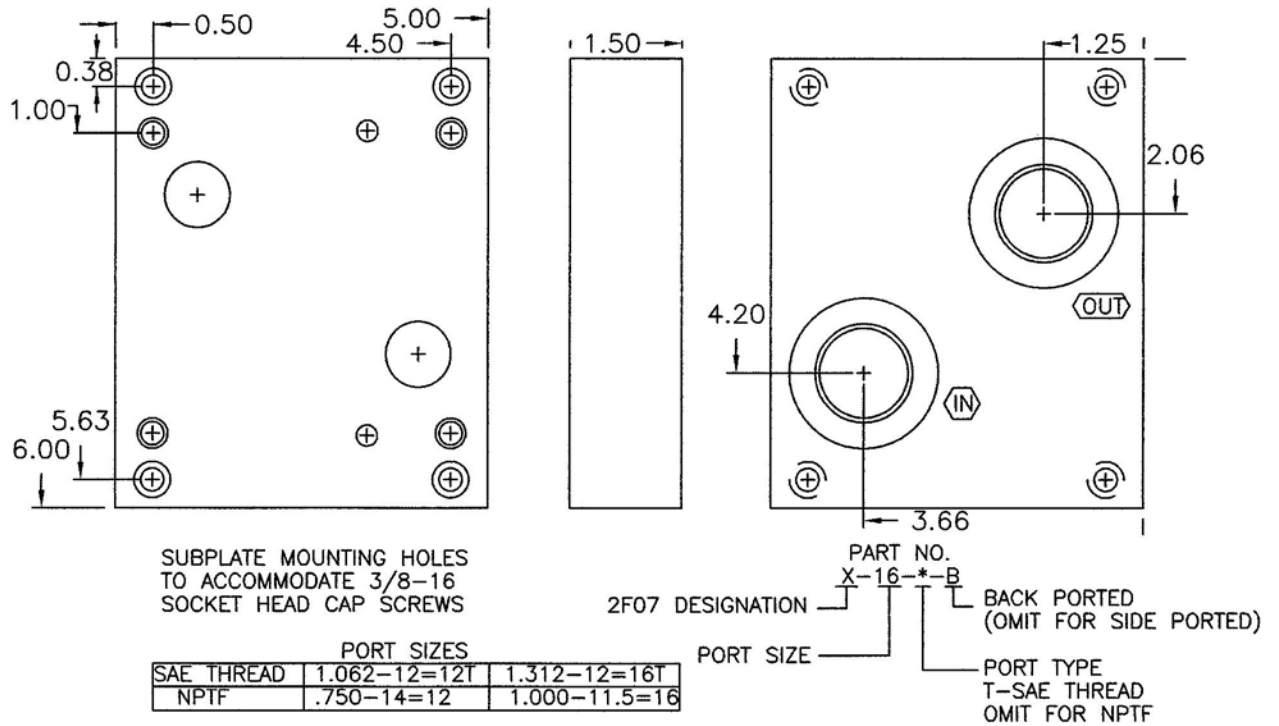
FAX # 248 585-0646

E-MAIL: info@med-kas.com

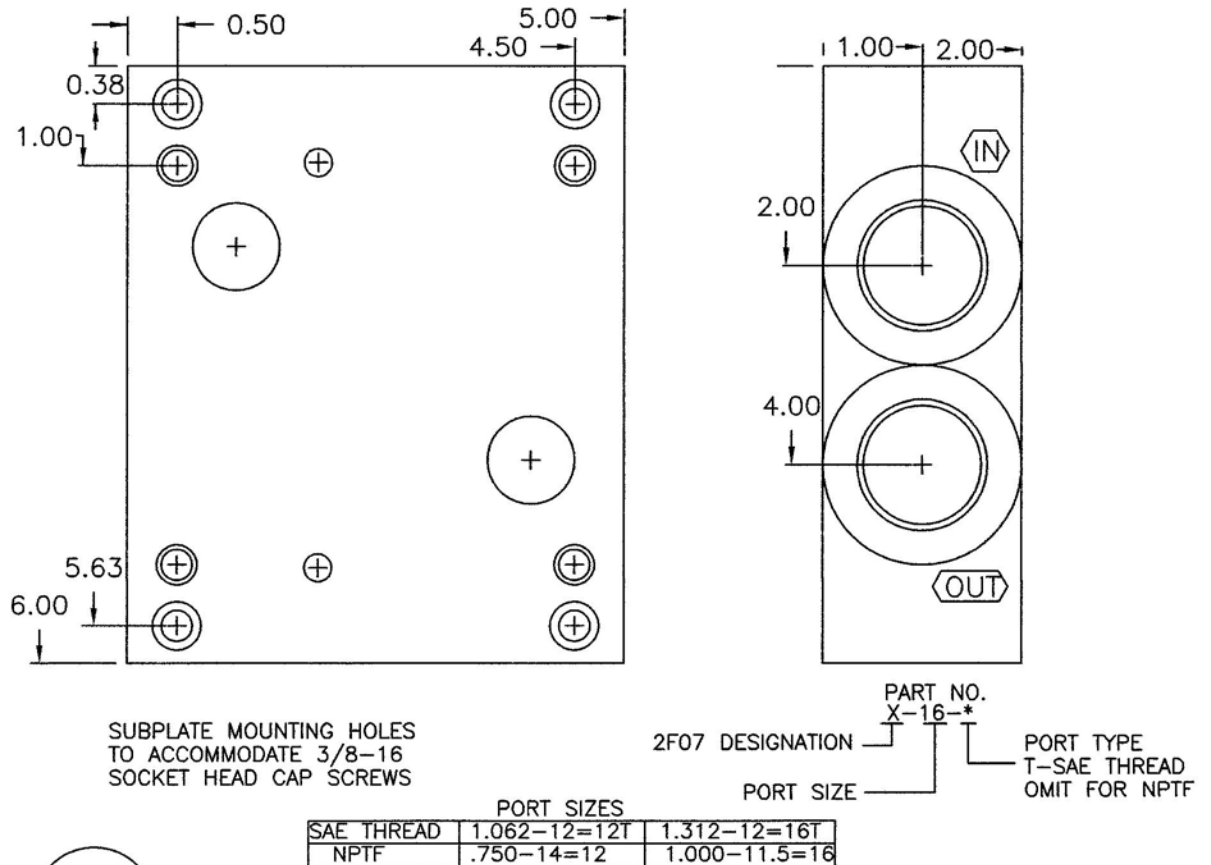
2F07 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

BACK PORTED SUBPLATE



SIDE PORTED SUBPLATE

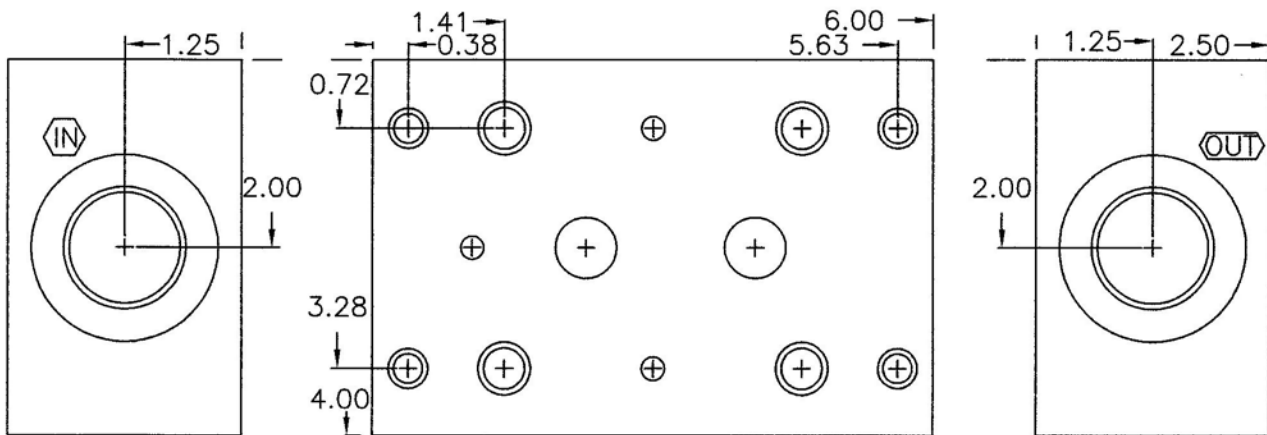


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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

C08 SUBPLATE

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



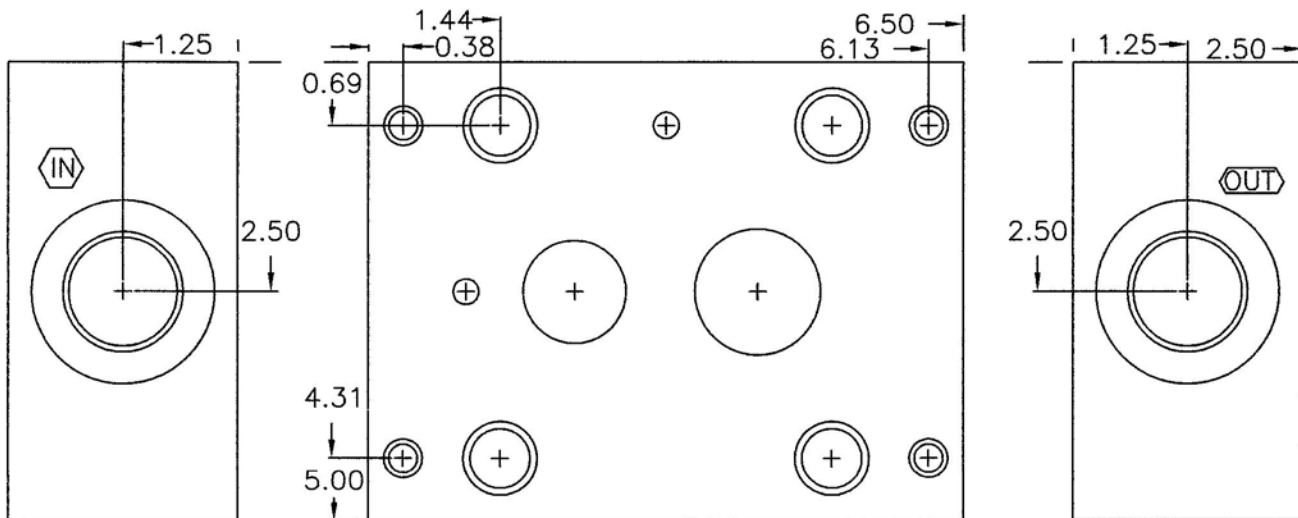
SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	1.312-12=16T
NPTF	1.00-11.5=16

PART NO.
E-16-*
C08 DESIGNATION ———
PORT SIZE ———
PORT TYPE
T—SAE THREAD
OMIT FOR NPTF

C09 SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	1.625-12=20T
NPTF	1.250-11.5=20

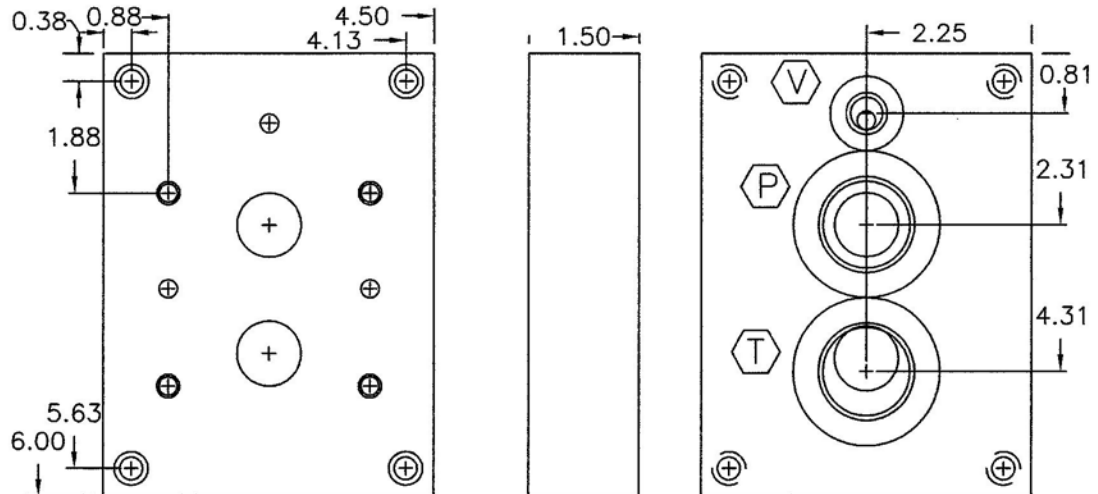
PART NO.
F-20-*
C09 DESIGNATION ———
PORT SIZE ———
PORT TYPE
T—SAE THREAD
OMIT FOR NPTF



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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
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R08 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
BACK PORTED SUBPLATE

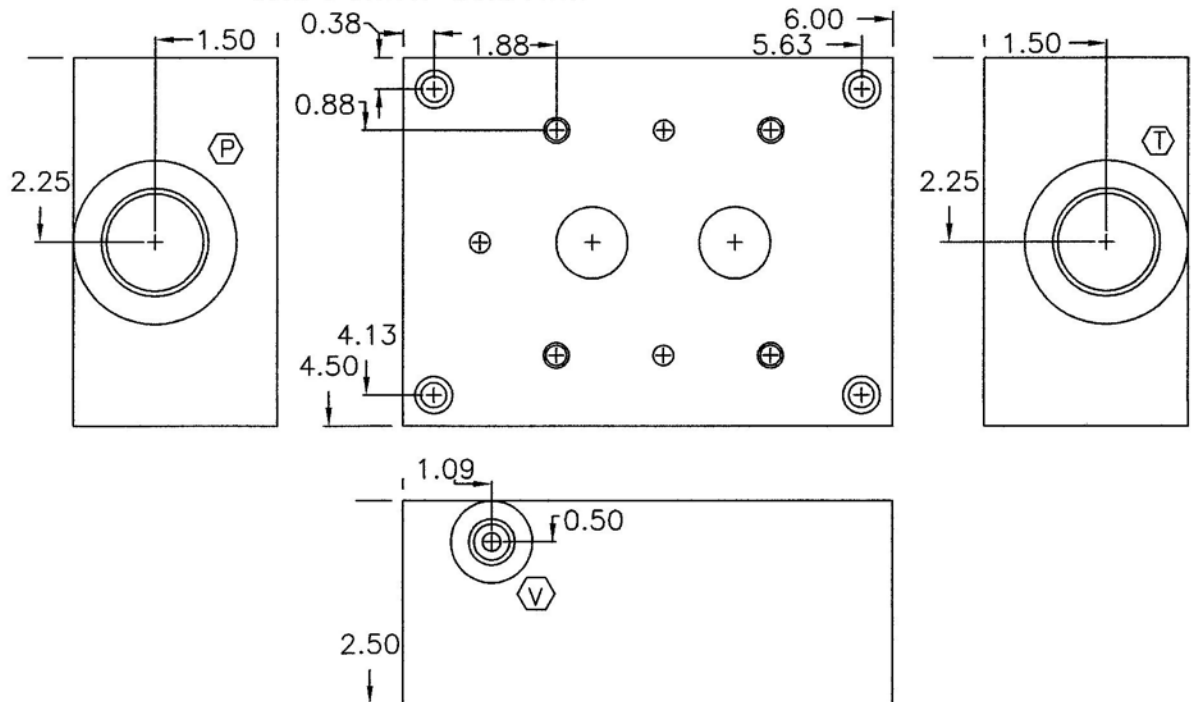


SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PART NO.
Q-16-*
R08 DESIGNATION
PORT SIZE
BACK PORTED
(OMIT FOR SIDE PORTED)
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PART NO.
Q-16-*
R08 DESIGNATION
PORT SIZE
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

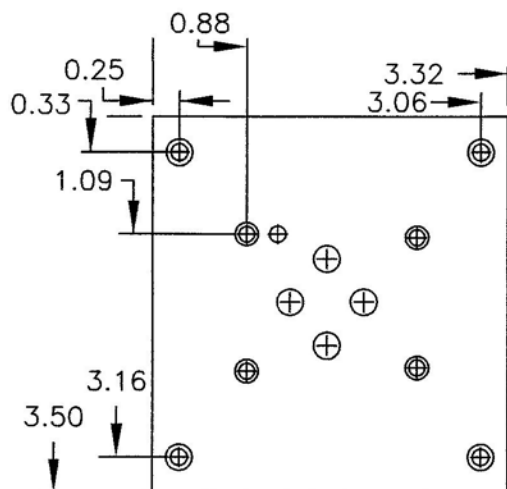


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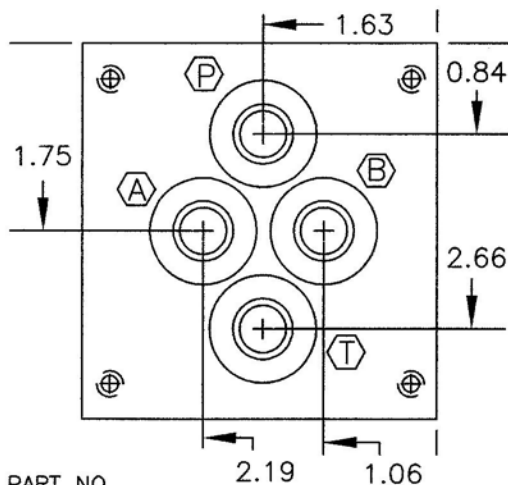
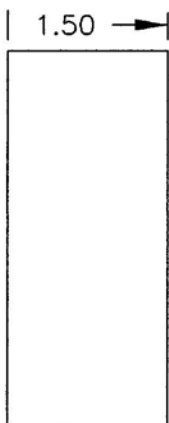
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

D03 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



BACK PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE #10-24
SOCKET HEAD CAP SCREWS

SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

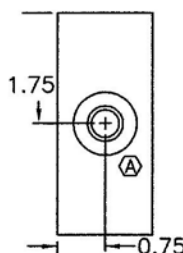
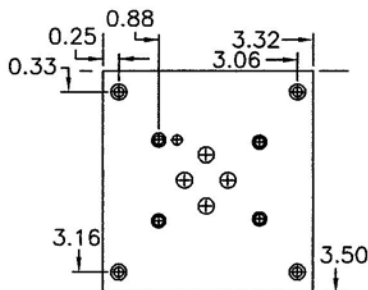
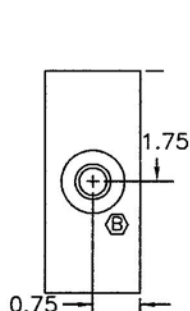
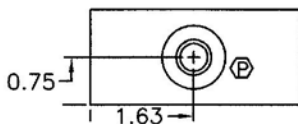
D03 DESIGNATION

PART NO.
BY-6-*B

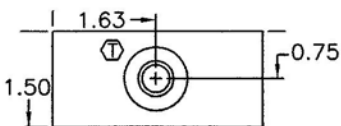
BACK PORTED
(OMIT FOR SIDE PORTED)

PORT TYPE
T - SAE THREAD
OMIT FOR NPTF

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE #10-24
SOCKET HEAD CAP SCREWS



D03 DESIGNATION

SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

PART NO.
BY-6-*

PORT TYPE
T - SAE THREAD
OMIT FOR NPTF



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TROY, MI. 48099

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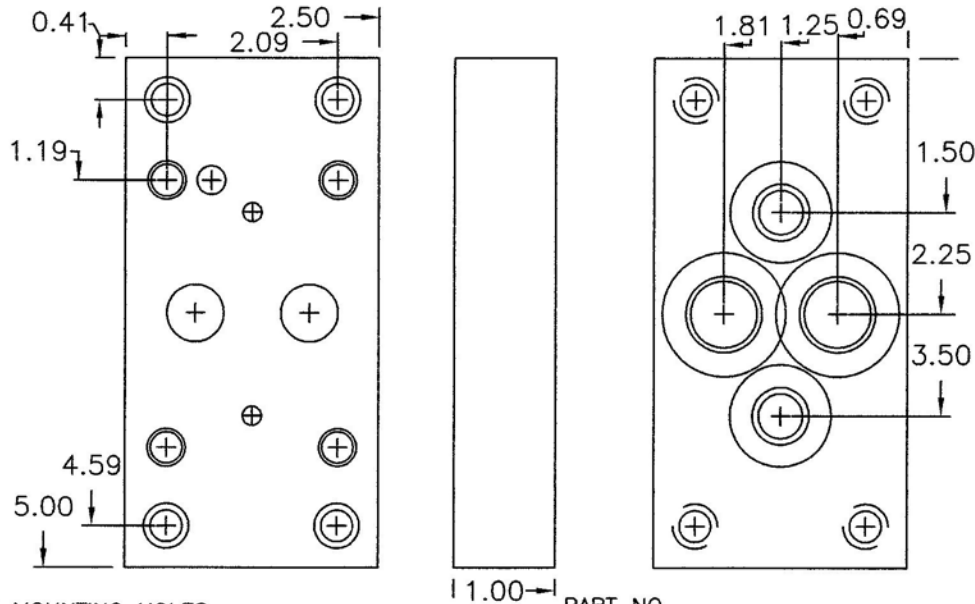
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P06 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
BACK PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

P06 DESIGNATION
PORT SIZE

PART NO.

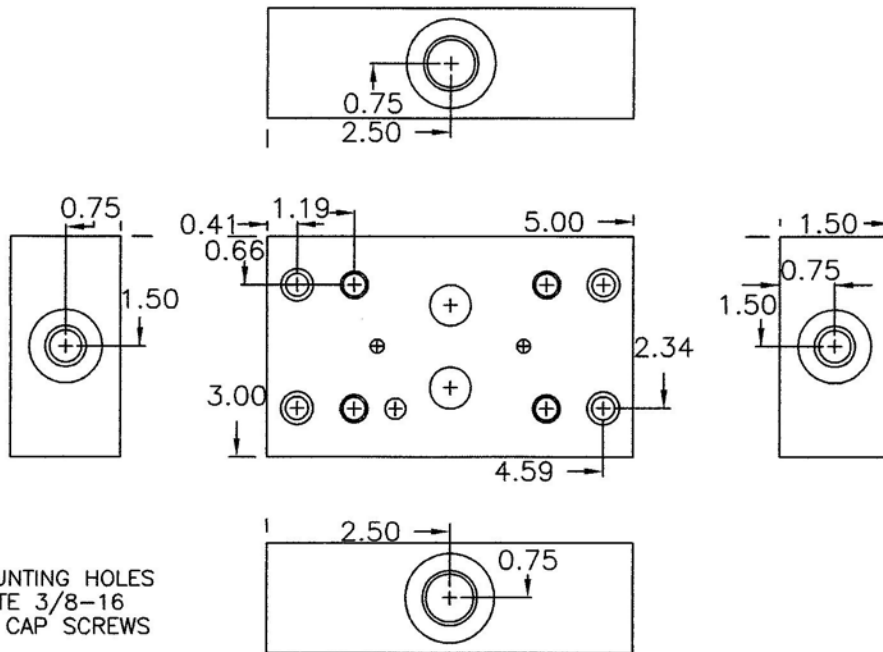
K-8-*

BACK PORTED
(OMIT FOR SIDE PORTED)

PORT TYPE

T-SAE THREAD
OMIT FOR NPTF

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

P06 DESIGNATION
PORT SIZE

PART NO.

K-8-*

PORT TYPE
T-SAE THREAD
OMIT FOR NPTF



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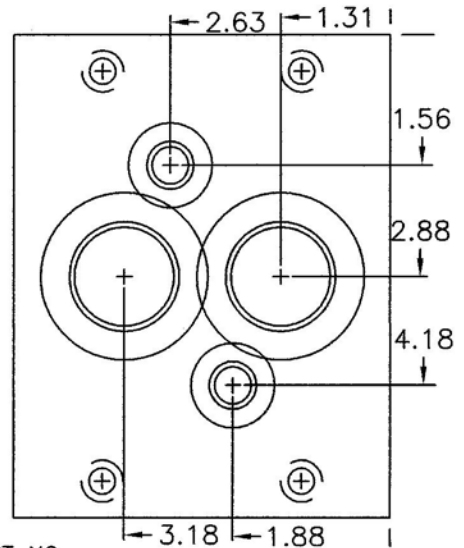
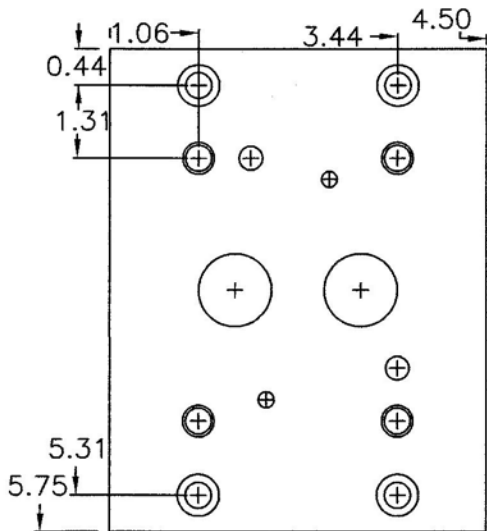
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P08 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
BACK PORTED SUBPLATE

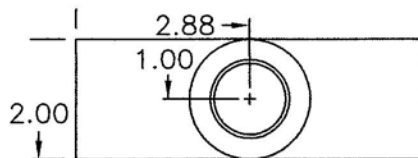
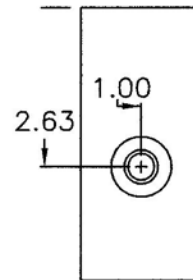
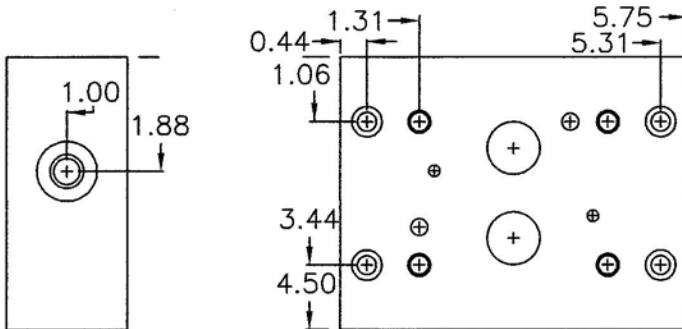
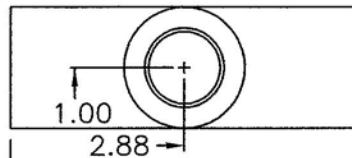


SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PART NO. L-16-*
P08 DESIGNATION PORT SIZE
BACK PORTED (OMIT FOR SIDE PORTED)
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

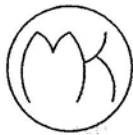
SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

PART NO. L-16-*
P08 DESIGNATION PORT SIZE
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF



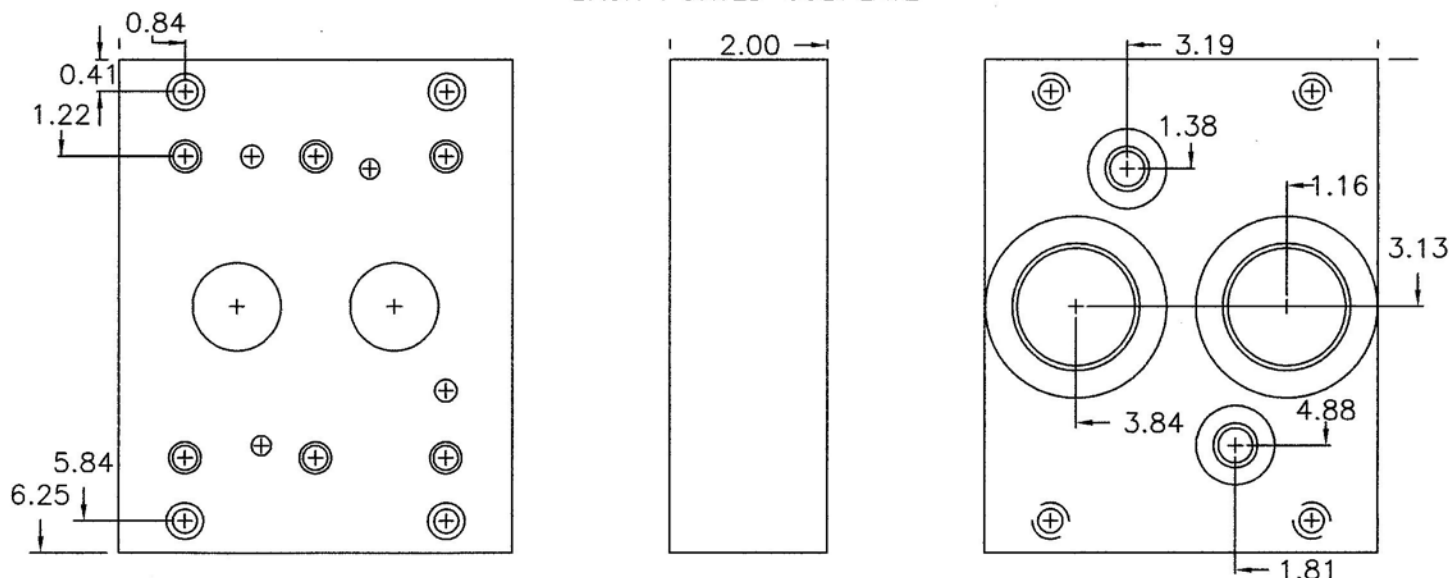
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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

P10 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

BACK PORTED SUBPLATE

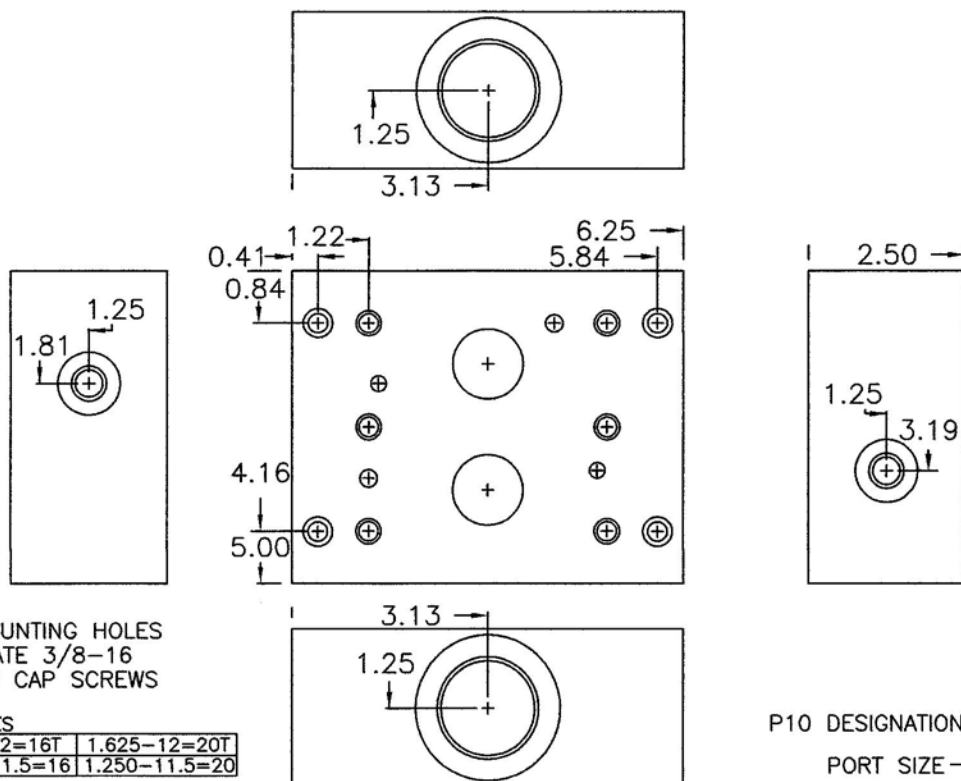


SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES		
SAE THREAD	1.312-12=16T	1.625-12=20T
NPTF	1.000-11.5=16	1.250-11.5=20

PART NO.
N-20-*B
P10 DESIGNATION
PORT SIZE
BACK PORTED
(OMIT FOR SIDE PORTED)
PORT TYPE
T=SAE THREAD
OMIT FOR NPTF

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES		
SAE THREAD	1.312-12=16T	1.625-12=20T
NPTF	1.000-11.5=16	1.250-11.5=20

PART NO.
N-20-*
P10 DESIGNATION
PORT SIZE
PORT TYPE
T=SAE THREAD
OMIT FOR NPTF



MED-KAS HYDRAULICS, INC.

P.O. BOX 1163

TROY, MI. 48099

TEL: 248-585-3220

WEB SITE: www.med-kas.com

1419 JOHN R

TROY, MI. 48083

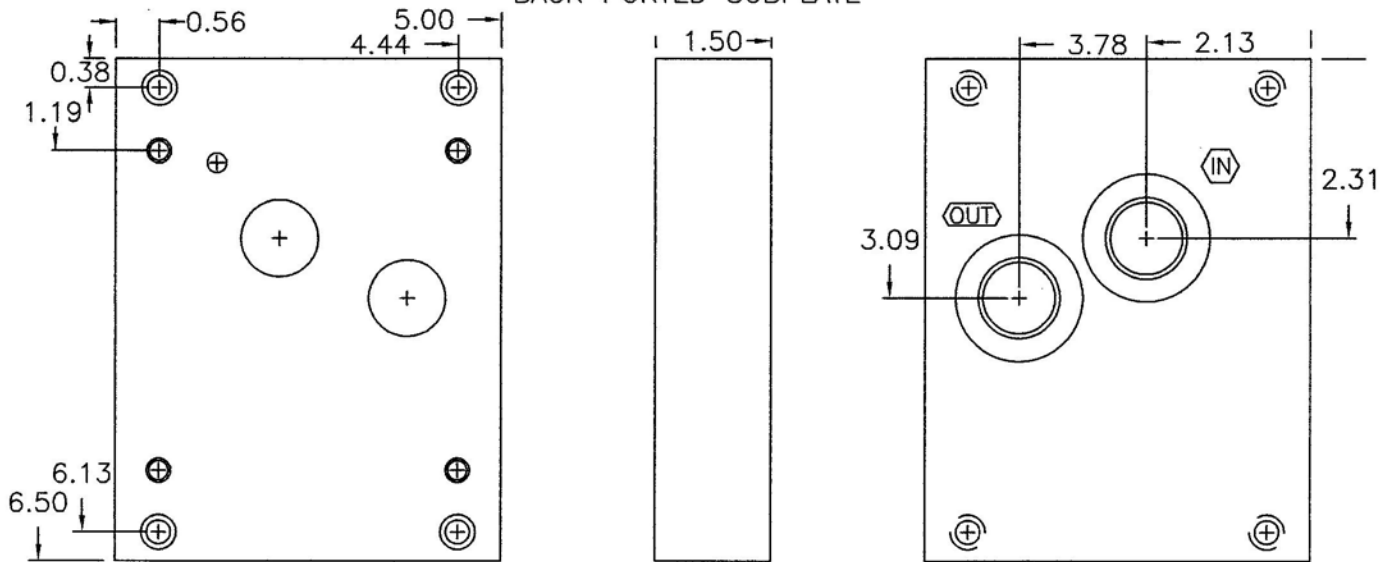
FAX # 248 585-0646

E-MAIL: info@med-kas.com

CPG06 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

BACK PORTED SUBPLATE

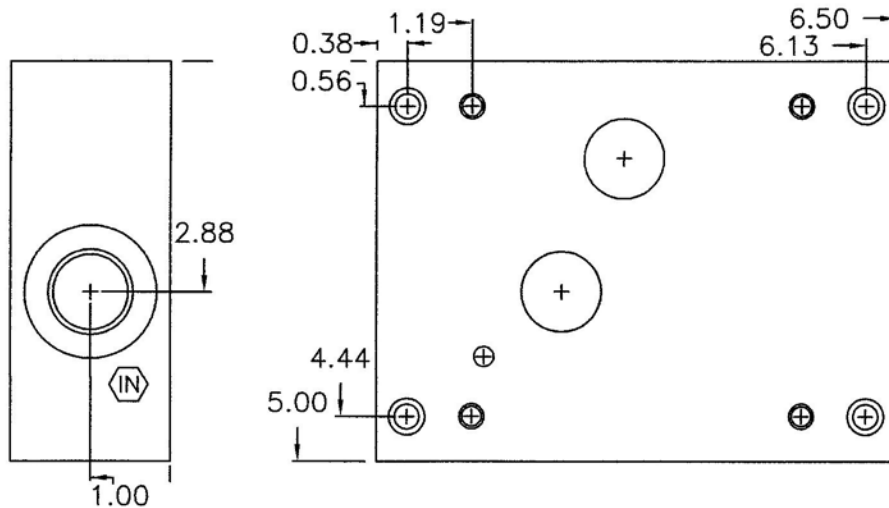


SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

PART NO.
DE-12-*B
CPG06 DESIGNATION
PORT SIZE
BACK PORTED
(OMIT FOR SIDE PORTED)
PORT TYPE
T=SAE THREAD
OMIT FOR NPTF

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

PART NO.
DE-12-*
CPG06 DESIGNATION
PORT SIZE
SIDE PORTED
PORT TYPE
T=SAE THREAD
OMIT FOR NPTF



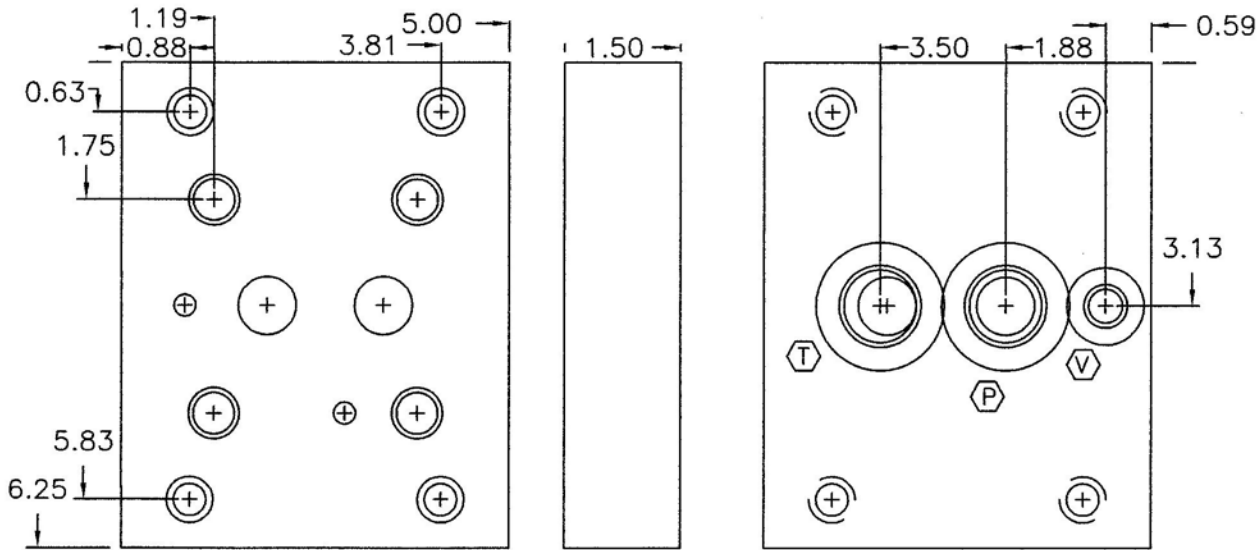
MED-KAS HYDRAULICS, INC.
P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

CG06 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

BACK PORTED SUBPLATE

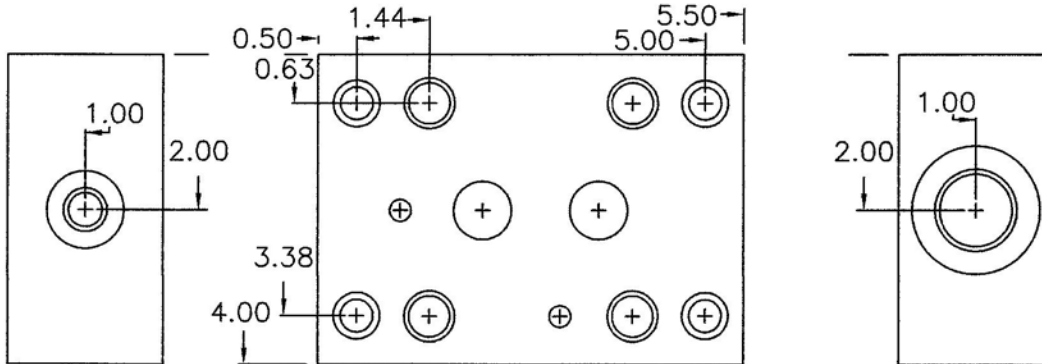


SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 1/2-13
SOCKET HEAD CAP SCREWS

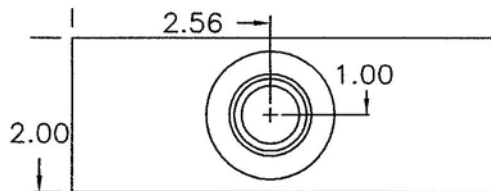
PART NO. BL-12-*
CG06 DESIGNATION
PORT SIZE
BACK PORTED
(OMIT FOR SIDE PORTED)
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF

PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 1/2-13
SOCKET HEAD CAP SCREWS



PORT SIZES		
SAE THREAD	1.062-12=12T	1.312-12=16T
NPTF	.750-11.5=12	1.000-11.5=16

PART NO. BL-12-*
CG06 DESIGNATION
PORT SIZE
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF



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TROY, MI. 48099

TEL: 248-585-3220

WEB SITE: www.med-kas.com

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TROY, MI. 48083

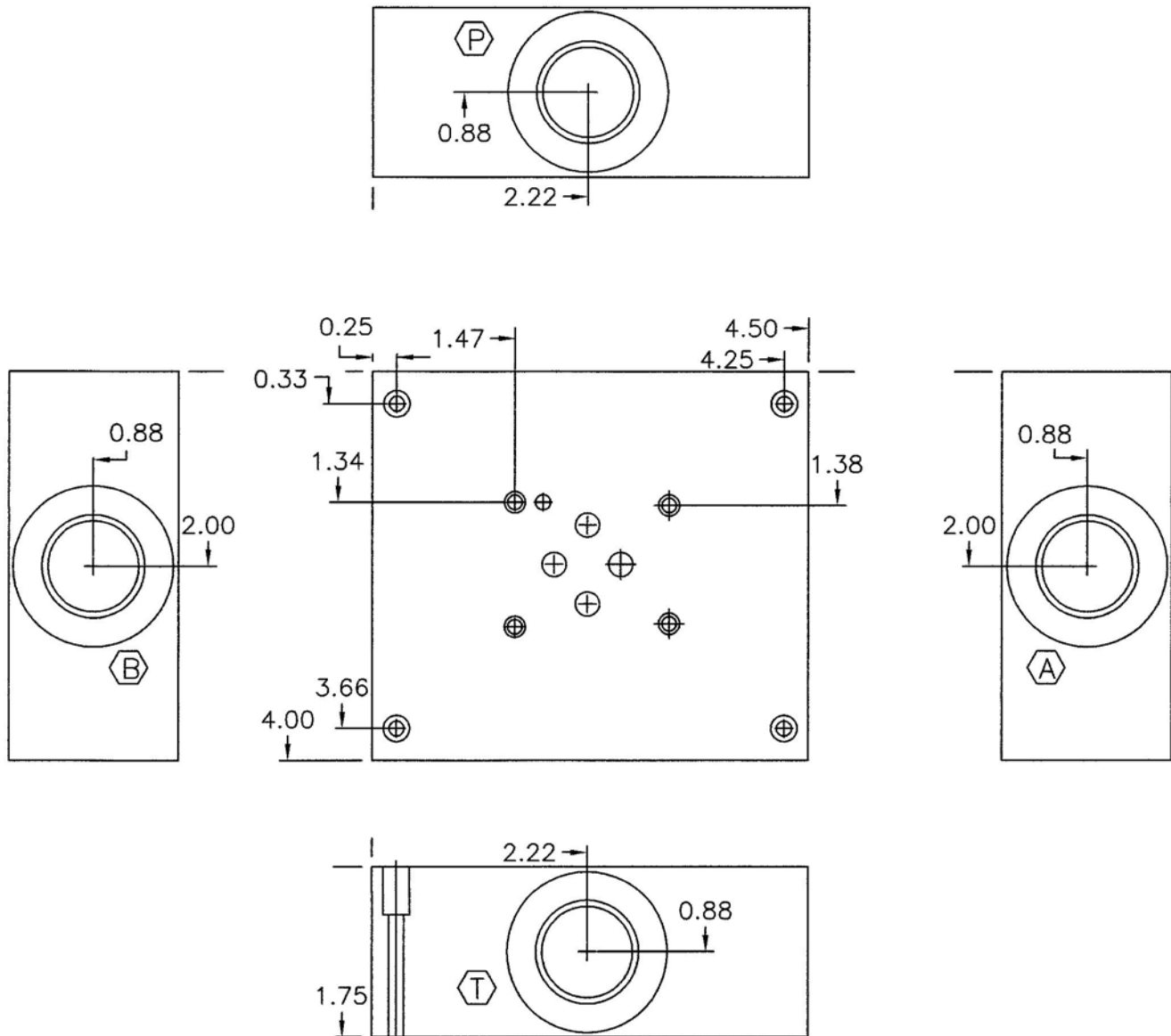
FAX # 248 585-0646

E-MAIL: info@med-kas.com

D03 SUBPLATE

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

OVERSIZED SIDE PORTED ONLY SUBPLATE



SUBPLATE MOUNTING HOLES TO
ACCOMMODATE #10-24
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	1.062-12 = 12T
NPTF	.750-14 = 12

PART NO.
BY-12-*
D03 DESIGNATION
PORT SIZE
PORT TYPE
T-SAE THREAD
OMIT FOR NPTF



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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

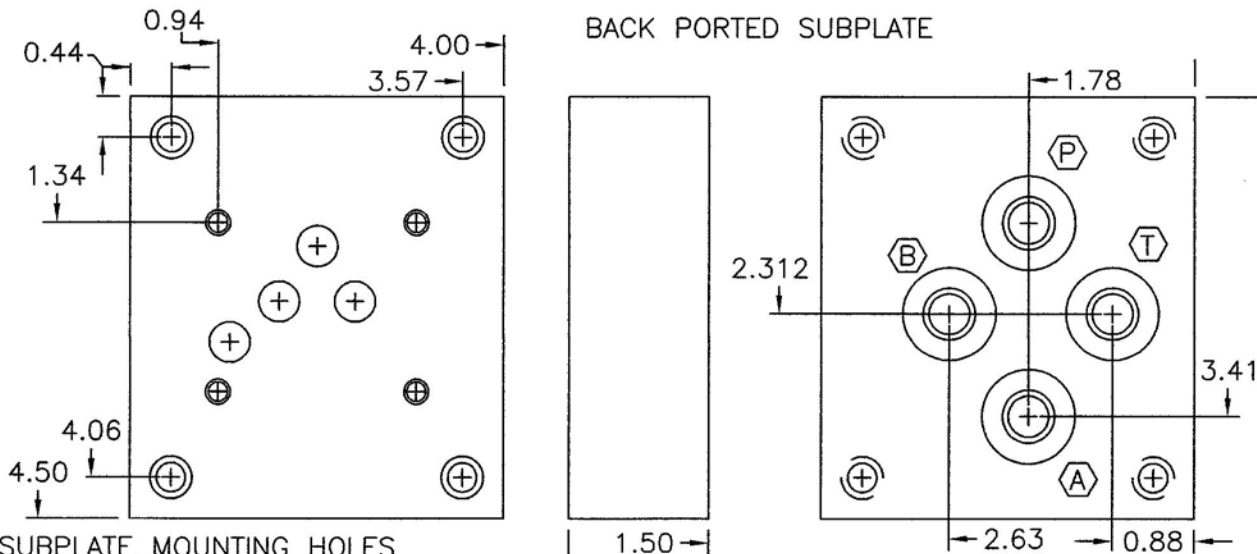
SUBPLATE MATERIAL: 1018

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

D05 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

BACK PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

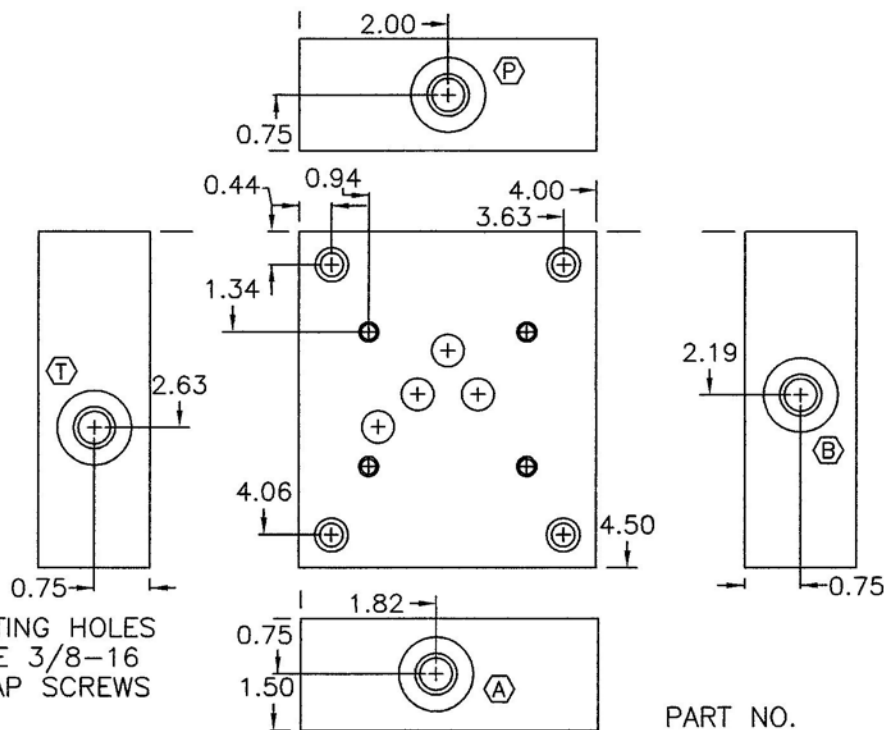
D05 DESIGNATION		
SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

PART NO.

A-6-*B

BACK PORTED
(OMIT FOR SIDE PORTED)
PORT TYPE
T-SAE THREAD
P-NPTF

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

D05 DESIGNATION		
SAE THREAD	.562-18=6T	.750-16=8T
NPTF	.375-18=6	.500-14=8

PART NO.

A-6-*

PORT TYPE
T-SAE THREAD
P-NPTF

SUBPLATE MATERIAL: 1018



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TROY, MI. 48099

TEL: 248-585-3220

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1419 JOHN R

TROY, MI. 48083

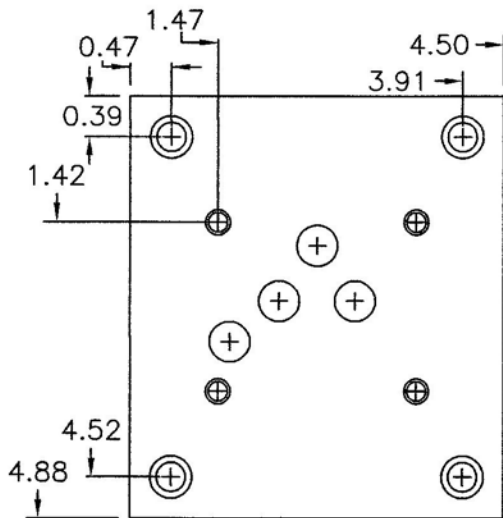
FAX # 248 585-0646

E-MAIL: info@med-kas.com

D05 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

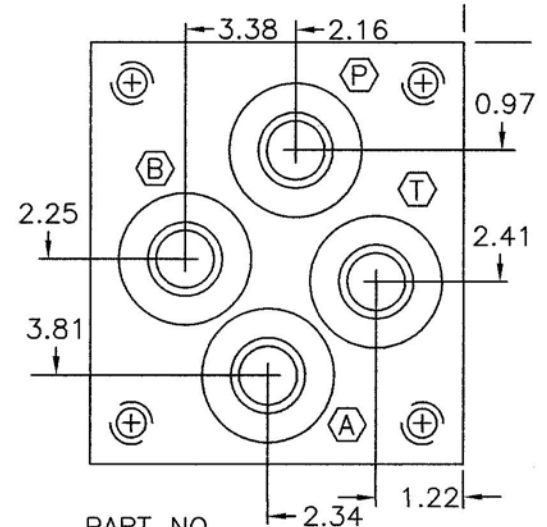
OVERSIZED REAR PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

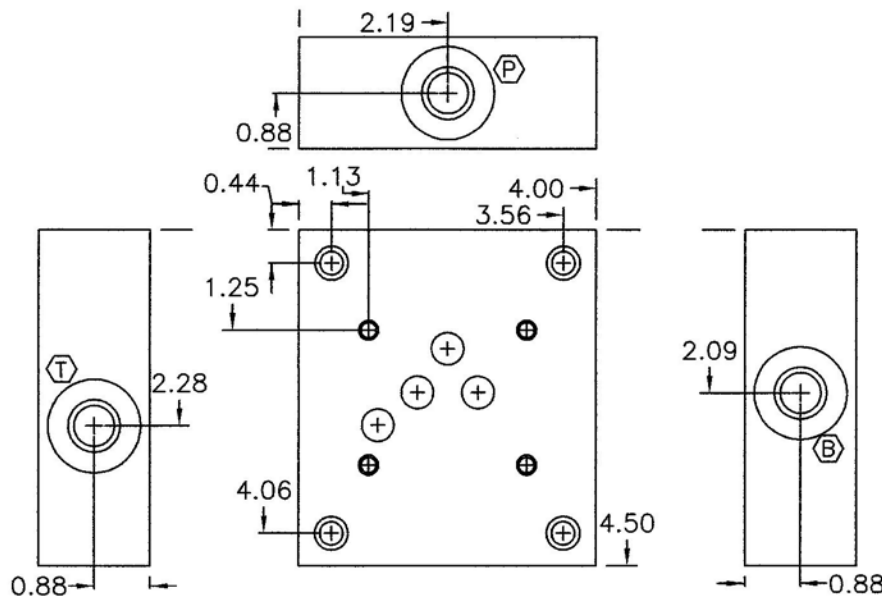
PORT SIZES

SAE THREAD	1.062-12=12T
NPTF	.750-14=12



PART NO. A-12-*
D05 DESIGNATION A-12-*
PORT SIZE 12
PORT TYPE T-SAE THREAD
OMIT FOR NPTF

OVERSIZED SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES
TO ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	1.062-12=12T
NPTF	0.75-14=12

PART NO. A-12-*
D05 DESIGNATION A-12-*
PORT SIZE 12
PORT TYPE T-SAE THREAD
OMIT FOR NPTF

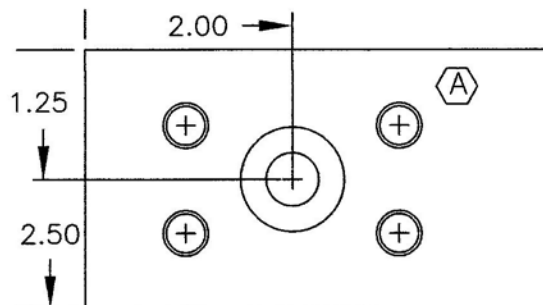
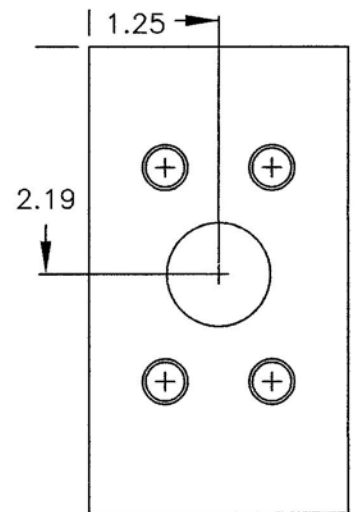
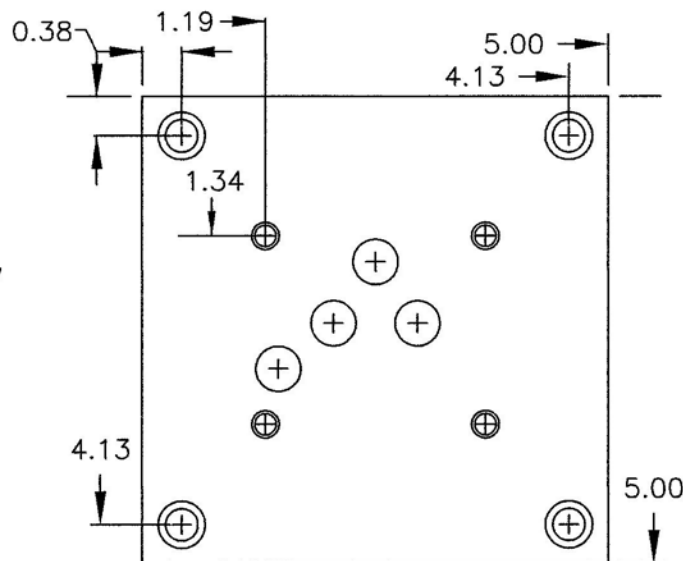
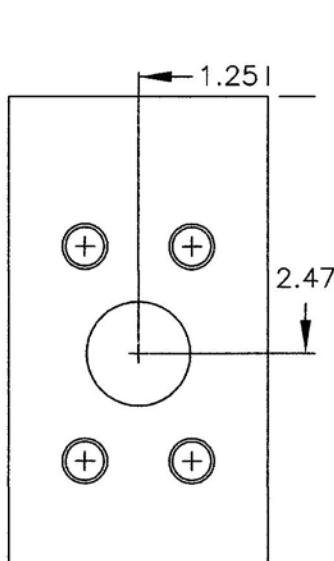
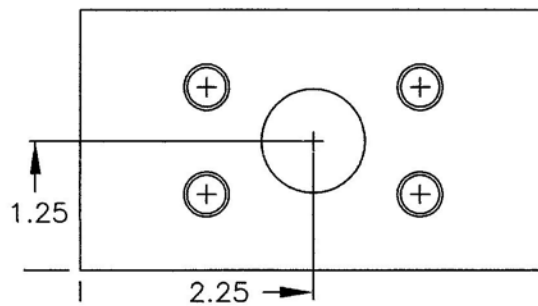


MED-KAS HYDRAULICS, INC.
P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

D05 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

FLANGE CONNECTIONS



SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE FLANGES .750-3000#

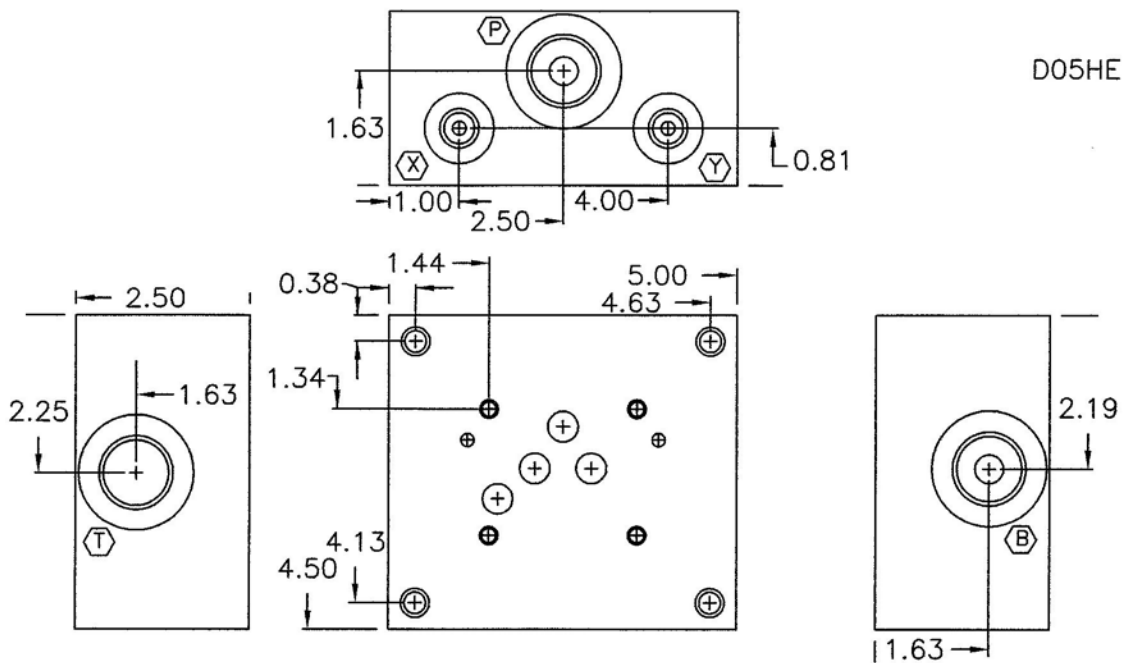
PART NO. A-6-E
D05 DESIGNATION
PORT SIZE
PORT TYPE F-FLANGE



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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

D05H SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS
SIDE PORTED SUBPLATE

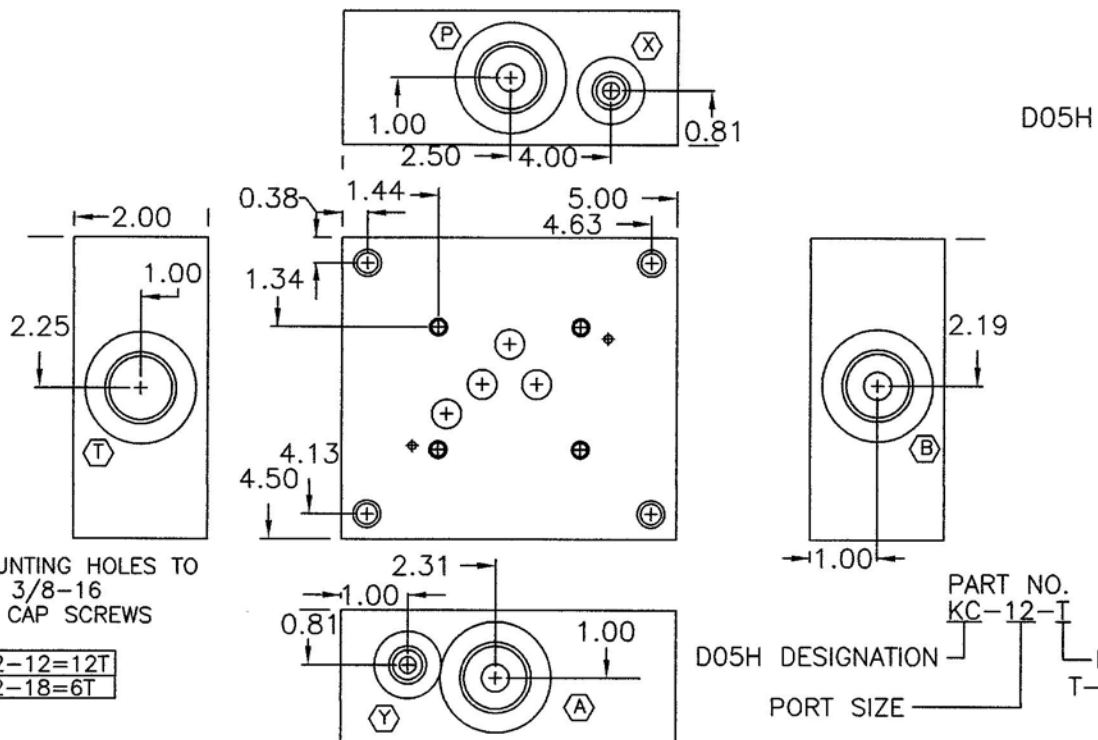


SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

P,T,A,B	1.062-12=12T
X+Y	.562-18=6T

D05H DESIGNATION
PART NO. CC-12-T
PORT SIZE
PORT TYPE T-SAE THREAD



SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

P,T,A,B	1.062-12=12T
X+Y	.562-18=6T

D05H DESIGNATION
PART NO. KC-12-T
PORT SIZE
PORT TYPE T-SAE THREAD



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P.O. BOX 1163
TROY, MI. 48099

TEL: 248-585-3220

1419 JOHN R

TROY, MI. 48083

FAX # 248 585-0646

E-MAIL: info@med-kas.com

SUBPLATE MATERIAL: 1018

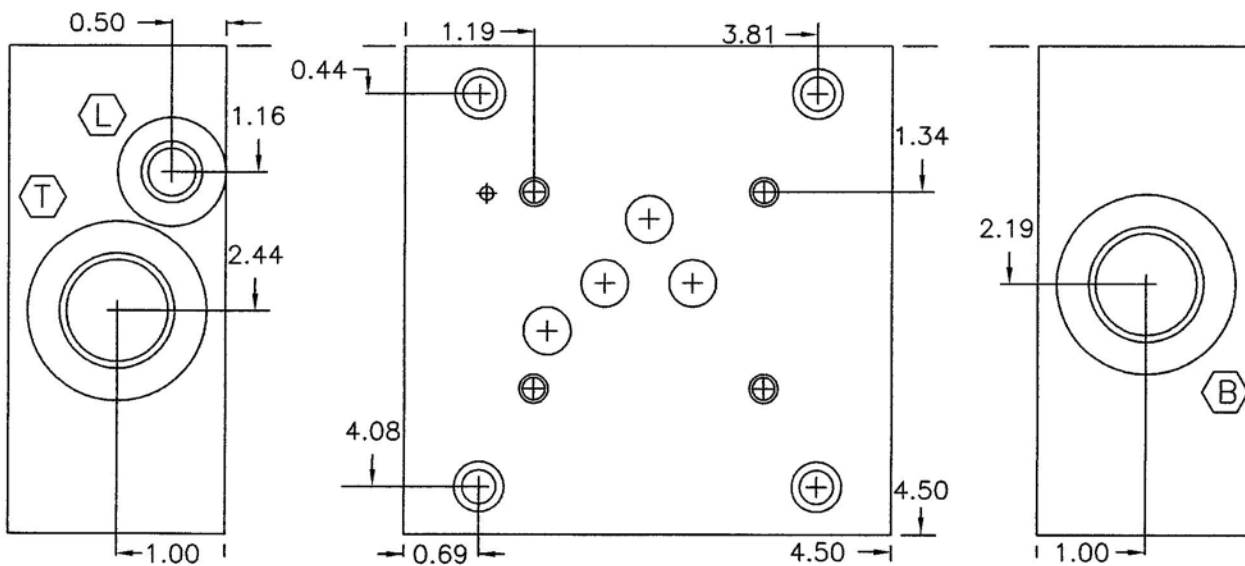
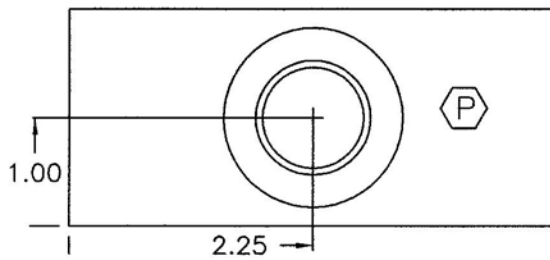
WEB SITE: www.med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

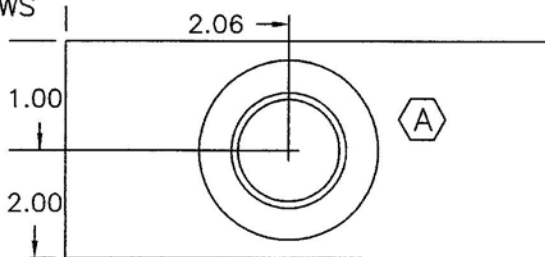
D05H SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS



PORT SIZES

P,T,A,B	1.062-12=12T
"L"	.562-18=6T

D05H DESIGNATION
PORT SIZE

PART NO.
JE-12-T
PORT TYPE
T-SAE THREAD

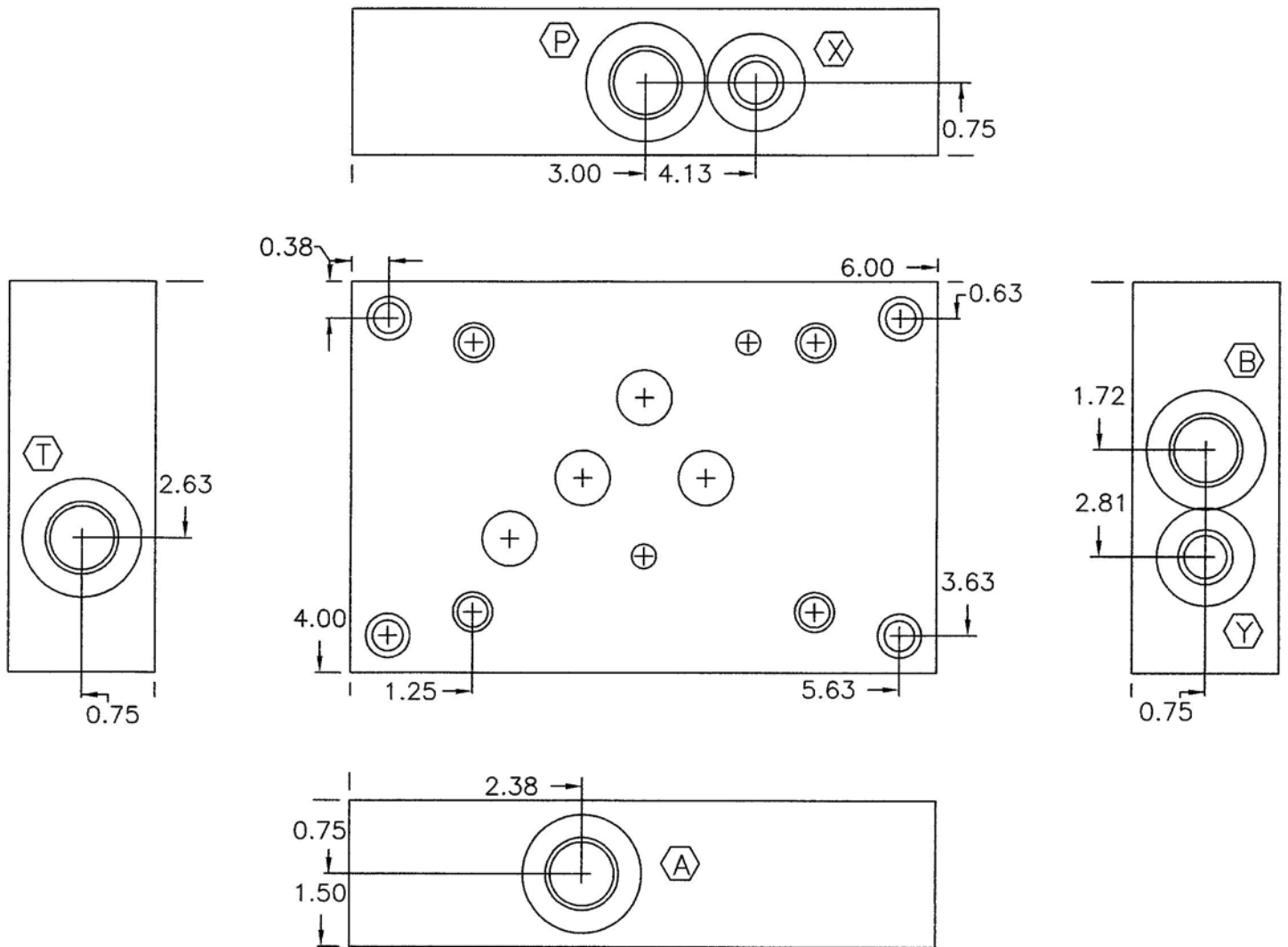


MED-KAS HYDRAULICS, INC.
P.O. BOX 1163 1419 JOHN R SUBPLATE MATERIAL: 1018
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

D06 SUBPLATES

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

SIDE PORTED SUBPLATE



SUBPLATE MOUNTING HOLES TO
ACCOMMODATE 3/8-16
SOCKET HEAD CAP SCREWS

PORT SIZES

SAE THREAD	.750-16=8T
NPTF	.500-14=8

X&Y PORTS

SAE THREAD	.562-18
NPTF	.250-14

D06 DESIGNATION — PART NO. B-8-* — PORT SIZE
PORT SIZE — T—SAE THREAD
OMIT FOR NPTF

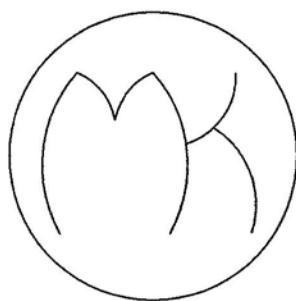


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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SUBPLATE MATERIAL: 1018

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

BAR MANIFOLDS



NFPA	STYLE	PAGE NO.
D03	PARALLEL CIRCUIT	5-2
D03	SERIES CIRCUIT	5-3
D05	PARALLEL CIRCUIT	5-4
D05	SERIES CIRCUIT	5-5
D05	PARALLEL CIRCUIT	5-6
	OVERSIZED PORTING	
D05	PARALLEL CIRCUIT	5-7
	FLANGE CONNECTIONS	
D07	PARALLEL CIRCUIT	5-8
D07	PARALLEL CIRCUIT	5-9
	FLANGE CONNECTIONS	
D08	PARALLEL CIRCUIT	5-10
D08	PARALLEL CIRCUIT	5-11
	OVERSIZED PORTING	
D08	PARALLEL CIRCUIT	5-12
	FLANGE CONNECTIONS	
D10	PARALLEL CIRCUIT	5-13
D10	PARALLEL CIRCUIT	5-14
	FLANGE CONNECTIONS	

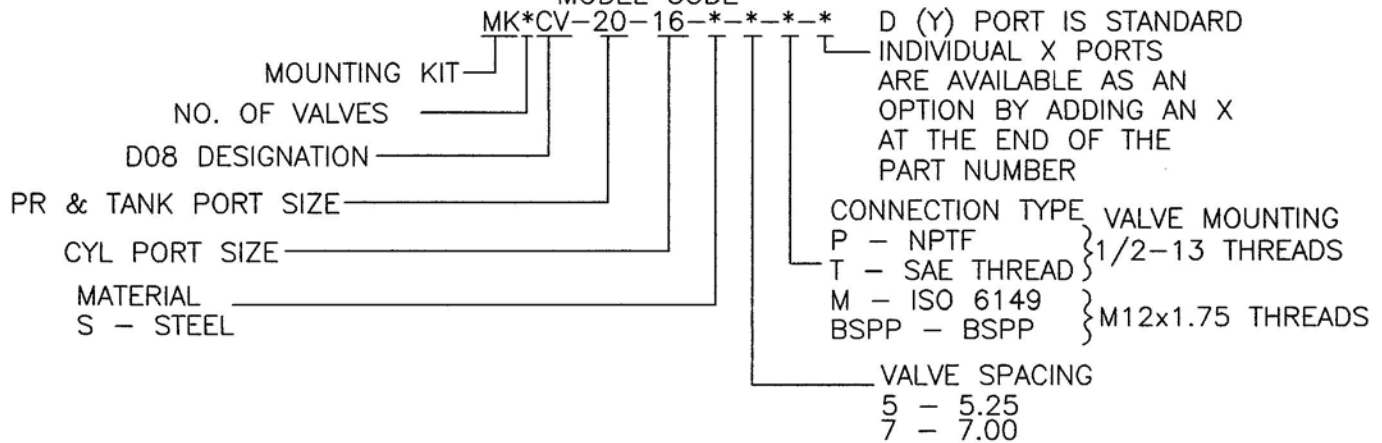
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 TROY, MI. 48099 TROY, MI. 48083
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

D08 PARALLEL CIRCUIT MANIFOLD

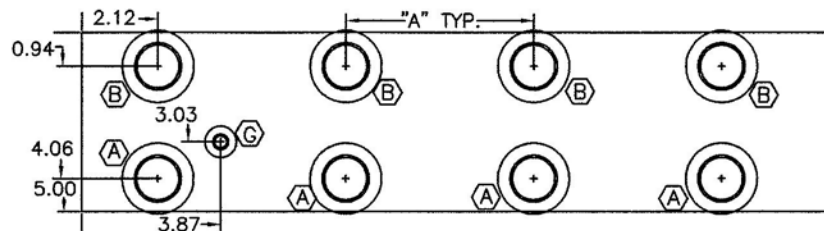
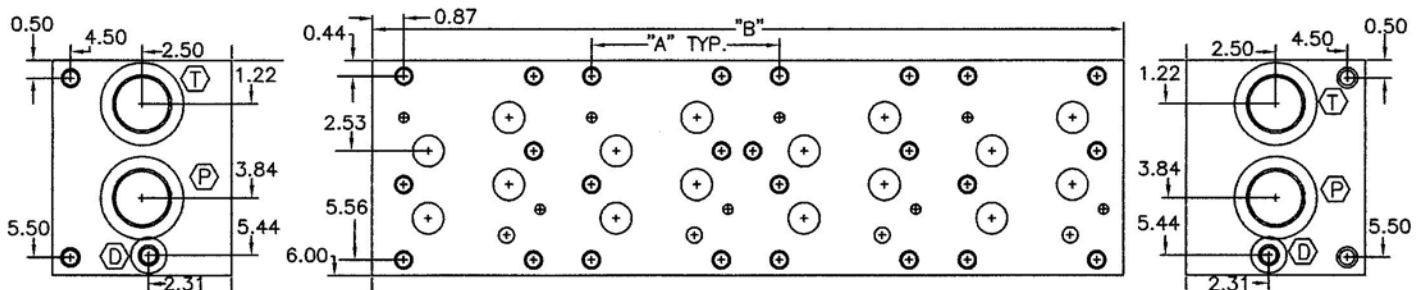
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

MODEL CODE



SPECIFICATIONS

NO. OF STATIONS		"B" DIMENSION							
		1	2	3	4	5	6	7	8
"A"	5.25 CENTERS	5.50	10.75	16.00	21.25	26.50	31.75	37.00	42.25
"A"	7.00 CENTERS		12.50	19.50	26.50	33.50	40.50	47.50	54.50

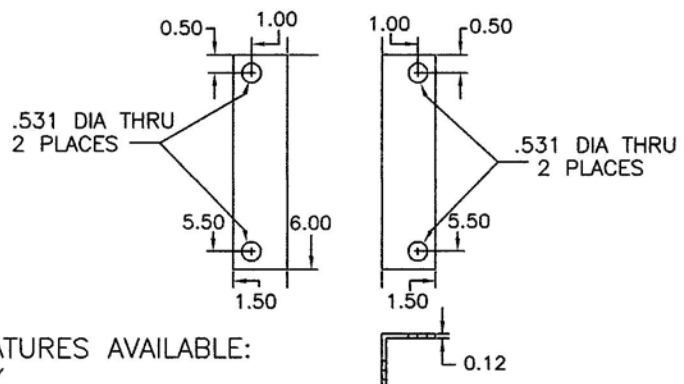


	PR & TK	A & B	GAGE	D
SAE THREAD	1.625-12	1.312-12	.437-20	.562-18
NPTF	1.25-11.5	1.00-11.5	.250-18	.250-18
6149	M42x2	M33x2	M12x1.5	M16x1.5
BSPP	1.25x11	1.00x11	.250x19	.500x14

STANDARD FEATURES INCLUDE:
 GAGE PORT WITH PLUG INSTALLED
 (SAE AND NPT MANIFOLDS ONLY)
 MOUNTING KIT CONSISTS OF:

- 2 BRACKETS
- 4. .500-13 HEX BOLTS
- 4. LOCK WASHERS

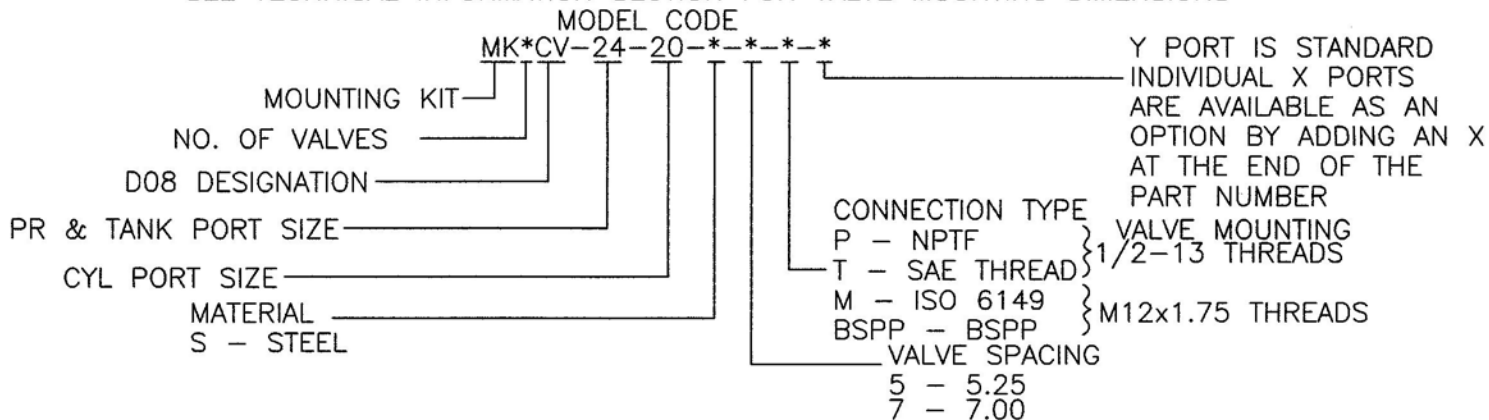
OPTIONAL FEATURES AVAILABLE:
 RELIEF CAVITY



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 P.O. BOX 1163 1419 JOHN R
 TROY, MI. 48099 TROY, MI. 48083
 TEL: 248-585-3220 FAX # 248 585-0646
 WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

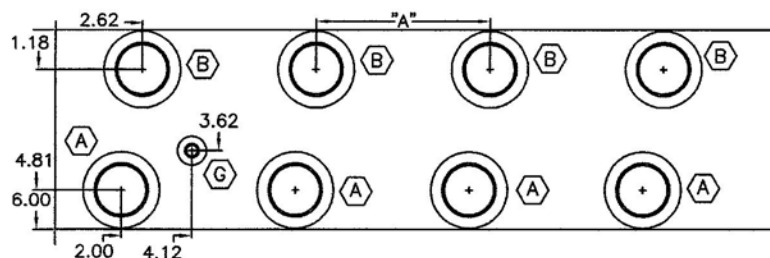
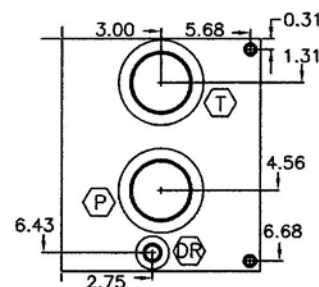
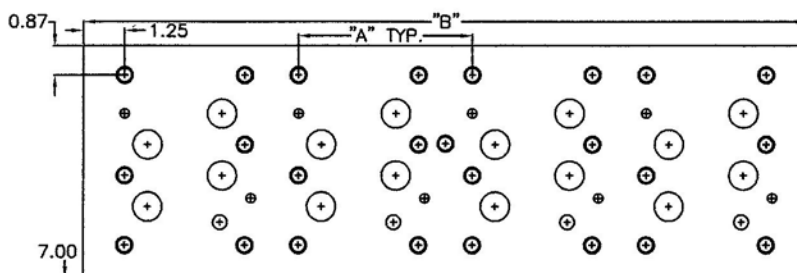
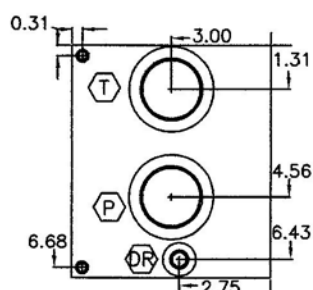
D08 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



SPECIFICATIONS

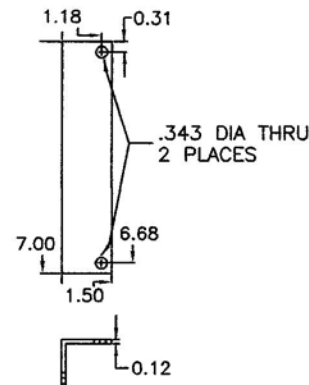
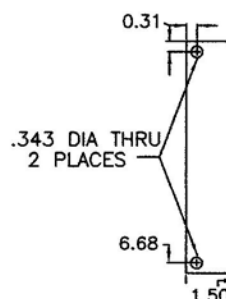
		"B" DIMENSION							
NO. OF STATIONS		1	2	3	4	5	6	7	8
"A"	5.25 CENTERS	5.50	10.75	16.00	21.25	26.50	31.75	37.00	42.25
"A"	7.00 CENTERS		12.50	19.50	26.50	33.50	40.50	47.50	54.50



	PR & TK	A & B	GAGE	DR
SAE THREAD	1.625-12	1.312-12	.437-20	.562-18
NPTF	1.25-11.5	1.00-11.5	.250-18	.250-18
6149	M48x2	M42x2	M12x1.5	M16x1.5
BSPP	1.25x11	1.00x11.5	.250x19	.500x14

STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
(SAE AND NPT MANIFOLDS ONLY)
MOUNTING KIT CONSISTS OF:
2 BRACKETS
4. .500-13 HEX BOLTS
4. LOCK WASHERS

OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY

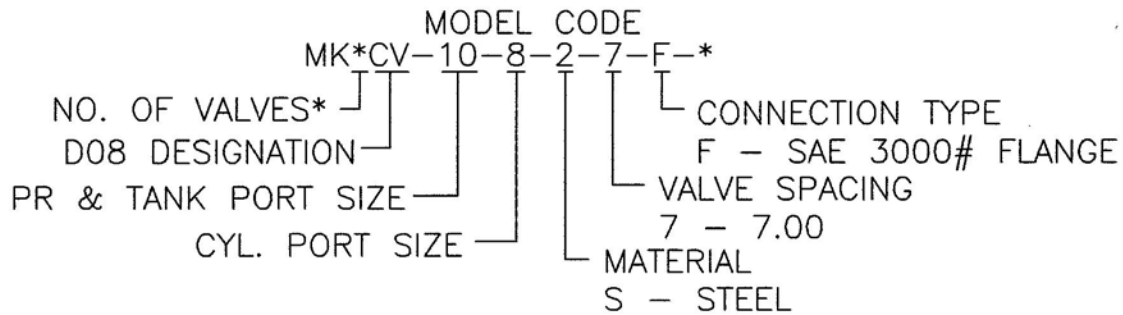


MED-KAS HYDRAULICS, INC.
P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
WEB SITE: www.med-kas.com E-MAIL: info@med-kas.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

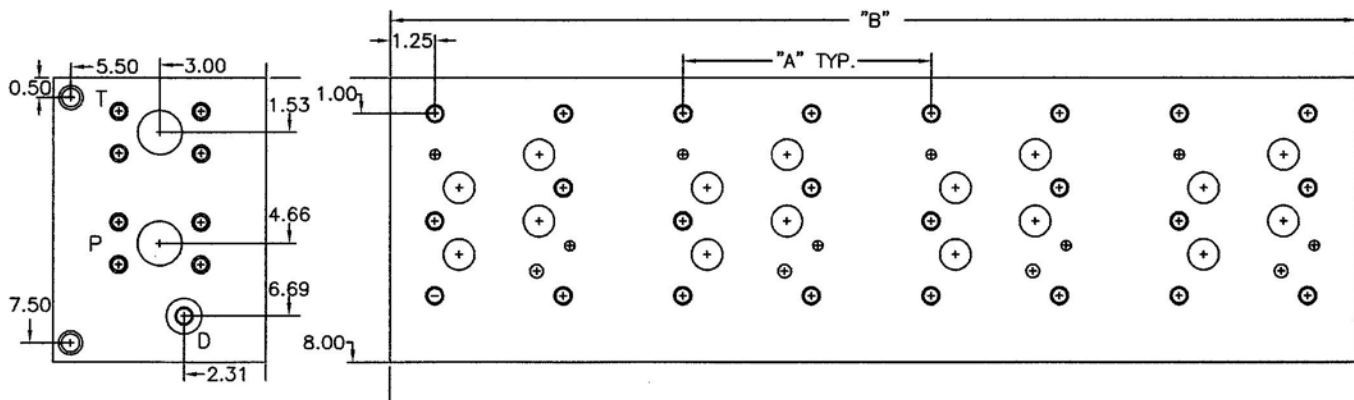
D08 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

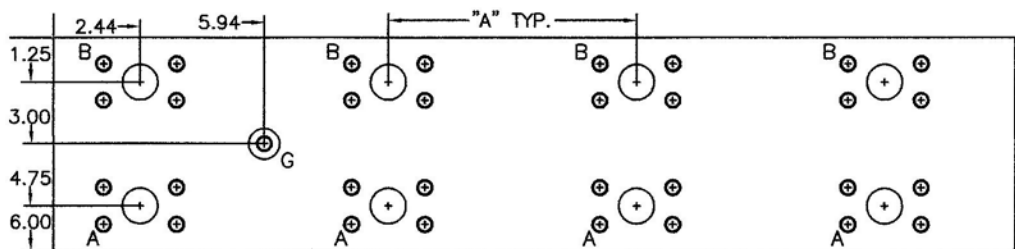


SPECIFICATIONS

		"B" DIMENSION						
NO. OF STATIONS		2	3	4	5	6	7	8
"A"	7.00 CENTERS	13.25	20.25	27.25	34.25	41.25	48.25	55.25
MTG. HOLES USED		2 MTG HOLES PROVIDED ON EACH END						



Y PORT IS STANDARD
INDIVIDUAL X PORTS
ARE AVAILABLE AS AN
OPTION BY ADDING AN X
AT THE END OF THE
PART NUMBER



STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
MOUNTING KIT CONSISTING OF:

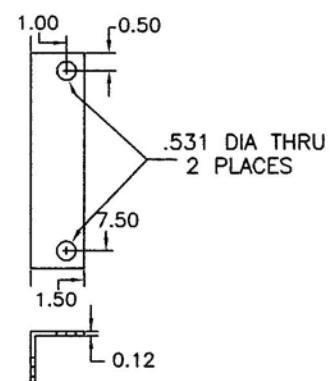
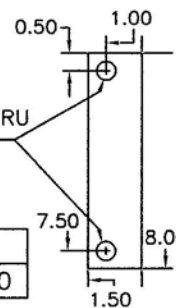
- 2 BRACKETS
- 4. .500-13 HEX BOLTS
- 4. LOCK WASHERS

OPTIONAL FEATURES AVAILABLE:

- RELIEF CAVITY
- METRIC THREADS

* NUMBER OF STATIONS TO SUIT

	PR & TK	A & B	D	GAGE
SAE FLANGE	1.250	1.000	.562-18	.437-20



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TROY, MI. 48099

TEL: 248-585-3220

WEB SITE: www.med-kas.com

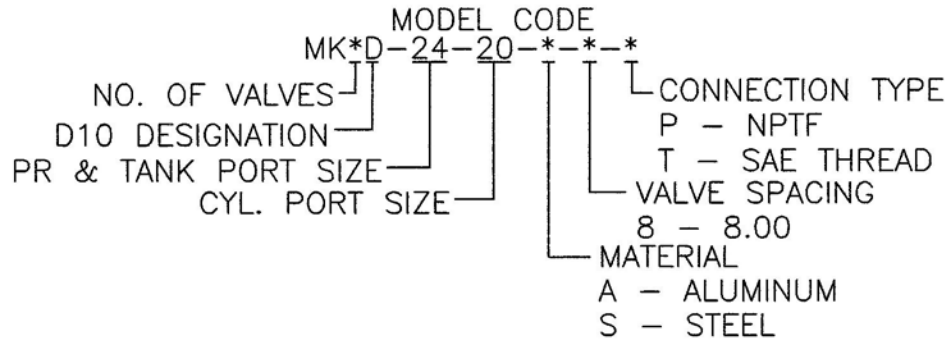
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TROY, MI. 48083

FAX # 248 585-0646

E-MAIL: info@med-kas.com

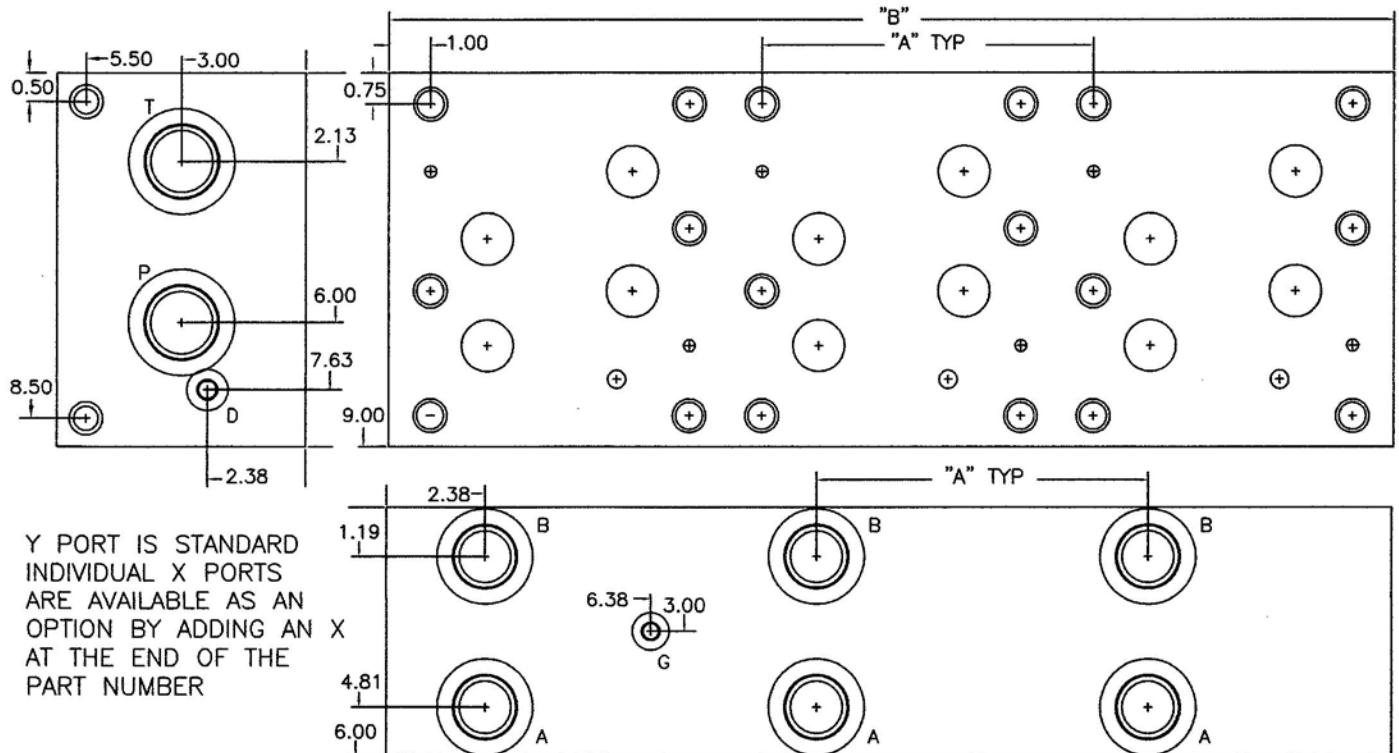
D10 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



SPECIFICATIONS

		"B" DIMENSION						
NO. OF STATIONS		2	3	4	5	6	7	8
"A"	8.00 CENTERS	16.25	24.25	32.25	40.25	48.25	56.25	64.25

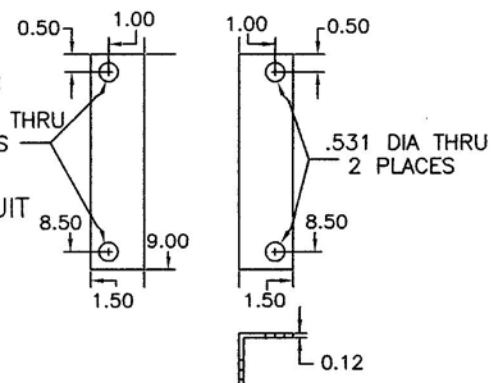


Y PORT IS STANDARD
INDIVIDUAL X PORTS
ARE AVAILABLE AS AN
OPTION BY ADDING AN X
AT THE END OF THE
PART NUMBER

	PR & TK	A & B	D	GAGE
SAE THREAD	1.875-12	1.625-12	.750-16	.437-20
NPTF	1.500-11.5	1.250-11.5	.500-14	.250-18

STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
MOUNTING KIT CONSISTING OF:
2 BRACKETS
4. .500-13 HEX BOLTS
4. LOCK WAHRSERS

OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY
BSPP, BSPT, OR
METRIC THREADS
* NUMBER OF STATIONS TO SUIT

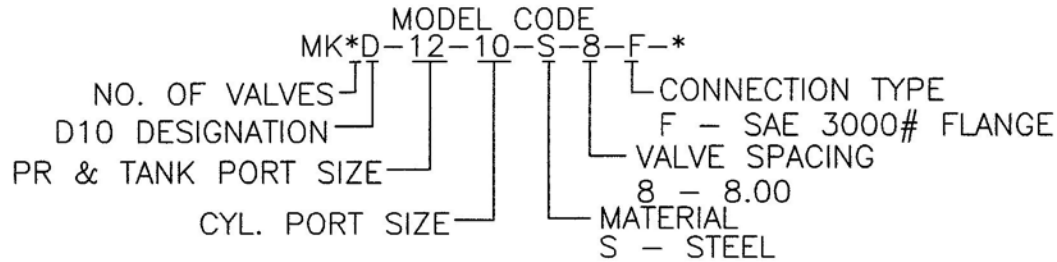


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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

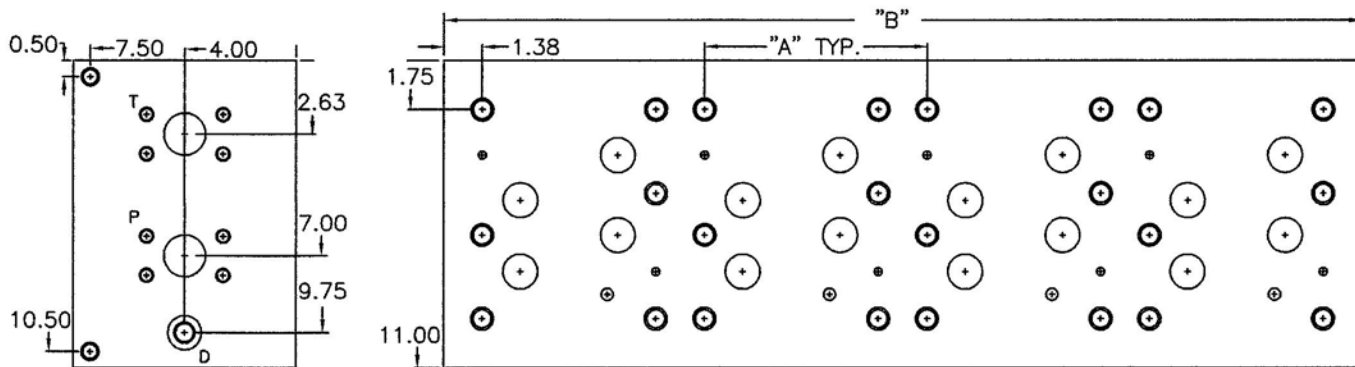
D10 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

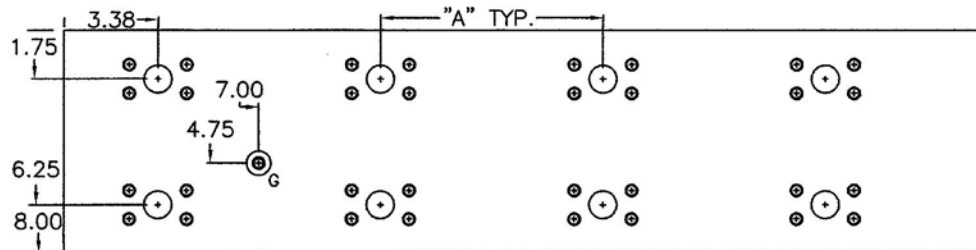


SPECIFICATIONS

NO. OF STATIONS	"B" DIMENSION						
	2	3	4	5	6	7	8
"A" 8.00 CENTERS	17.00	25.00	33.00	41.00	49.00	57.00	65.00



Y PORT IS STANDARD
INDIVIDUAL X PORTS
ARE AVAILABLE AS AN
OPTION BY ADDING AN X
AT THE END OF THE
PART NUMBER

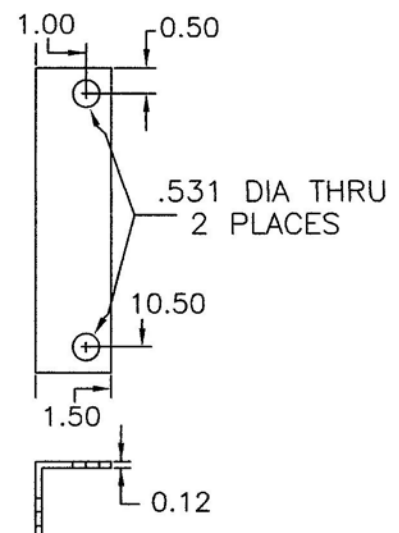
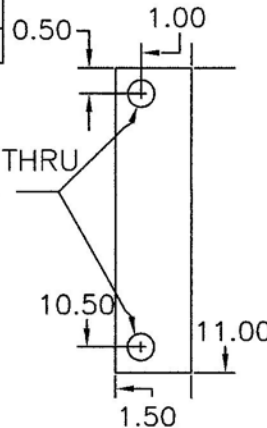


	PR & TK	A & B	D	GAGE
SAE FLANGE	1.500	1.250	.750-16	.437-20

STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
MOUNTING KIT CONSISTING OF:
2 BRACKETS
4. .500-13 HEX BOLTS
4. LOCK WASHERS

OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY
METRIC THREADS
* NUMBER OF STATIONS TO SUIT

.531 DIA THRU
2 PLACES



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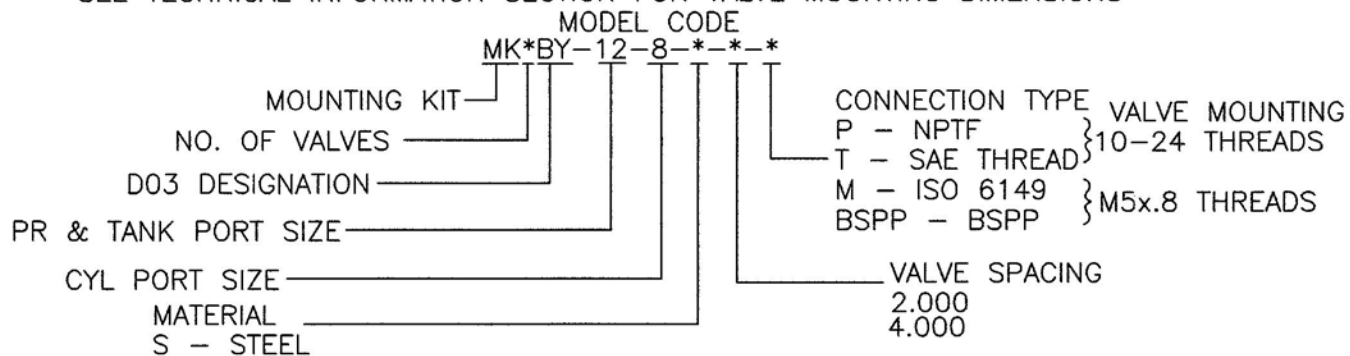
TROY, MI. 48083

FAX # 248 585-0646

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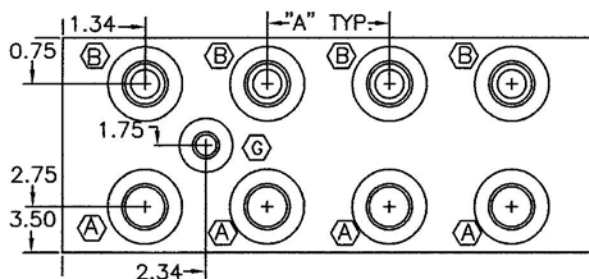
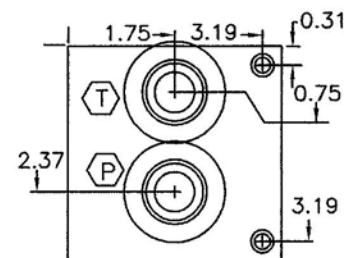
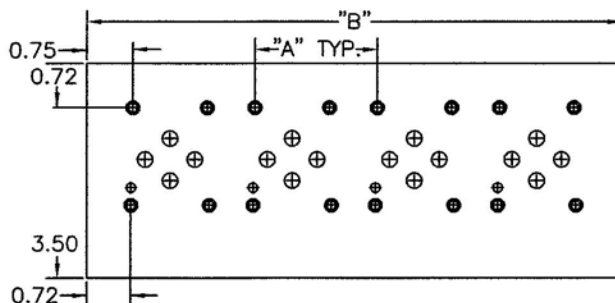
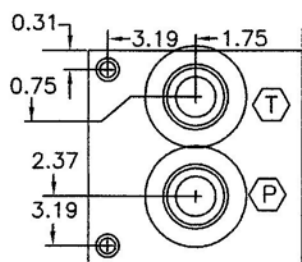
D03 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



SPECIFICATIONS

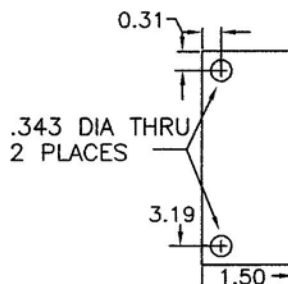
		"B" DIMENSION							
NO. OF STATIONS		1	2	3	4	5	6	7	8
"A"	2.00 CENTERS	3.25	4.75	6.75	8.75	10.75	12.75	14.75	16.75
"A"	4.00 CENTERS		8.75	12.75	16.75	20.75	24.75	28.75	32.75



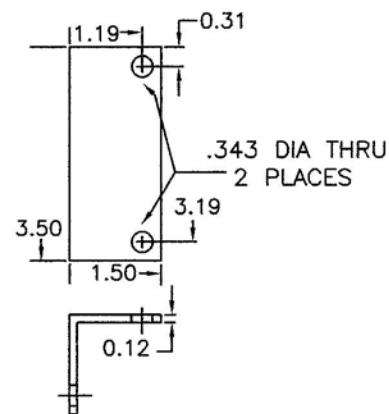
	PR & TK	A & B	GAGE
SAE THREAD	1.062-12	.750-16	.437-20
NPTF	.750-14	.500-14	.250-18
6149	M27x2	M18x1.5	M12x1.5
BSPP	.750x14	.500x14	.250x19

STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
(SAE AND NPT MANIFOLDS ONLY)

OVERSIZED PORTING
MOUNTING KIT CONSISTS OF:
2 BRACKETS
4. .312-18 HEX BOLTS
4. LOCK WASHERS



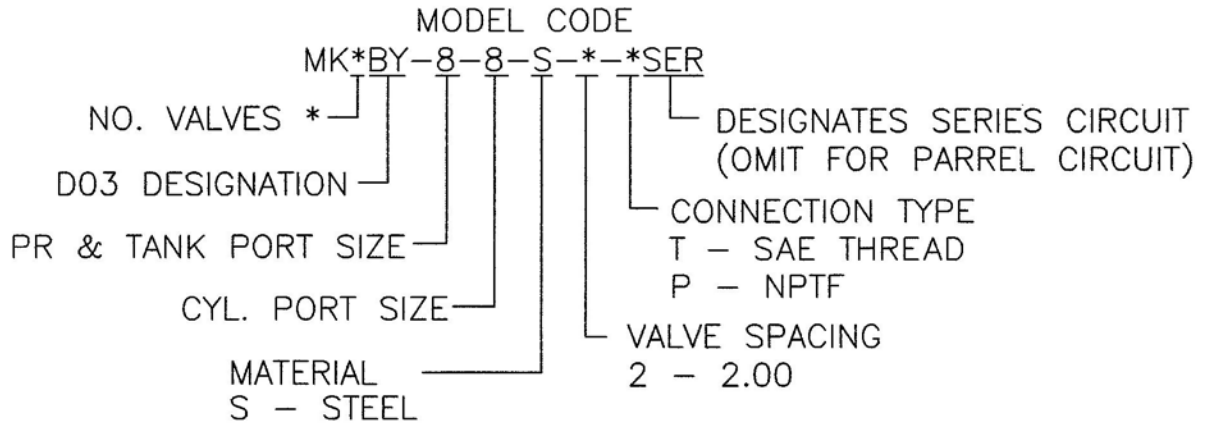
OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY



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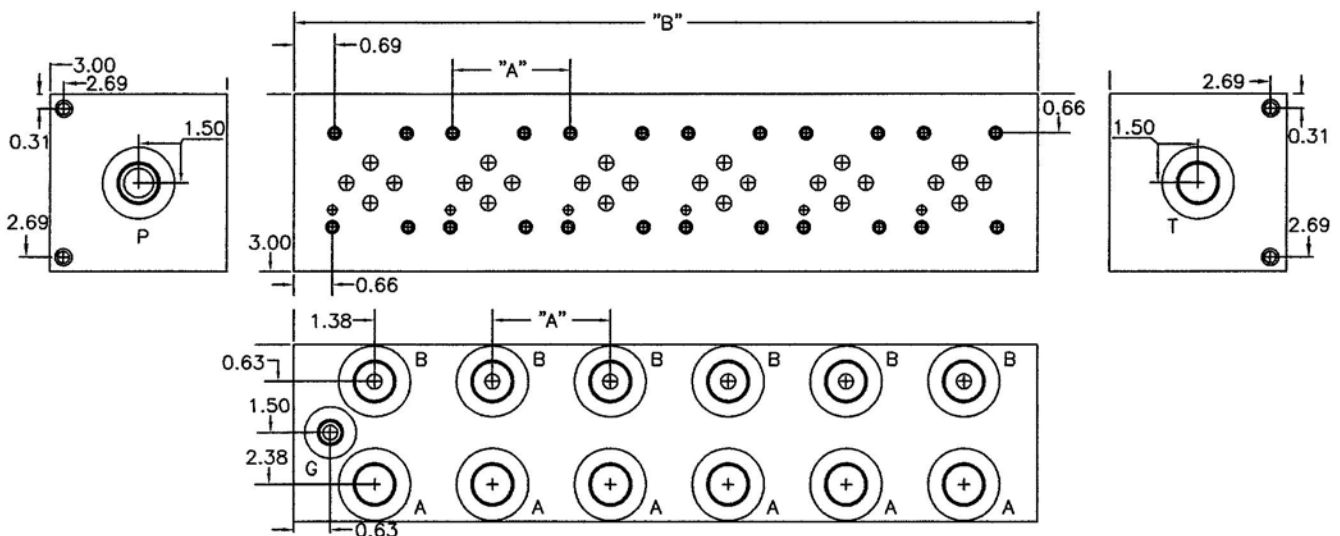
D03 SERIES CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



SPECIFICATIONS

		"B" DIMENSION						
NO. OF STATIONS		2	3	4	5	6	7	8
"A"	2.00 CENTERS	4.63	6.63	8.63	10.63	12.63	14.63	16.63
MTG. HOLES USED		AS SHOWN						



	PR & TK	A & B	GAGE
SAE THREAD	.750-16	.750-16	.437-20
NPTF	.500-14	.500-14	.250-18

STANDARD FEATURES INCLUDE:
PLUG INSTALLED IN GAGE PORT
MOUNTING KIT CONSISTS OF:
2. BRACKETS
4. .312-18 HEX BOLTS
4. LOCK WASHERS

.343 DIA THRU
2 PLACES

.343 DIA THRU
2 PLACES

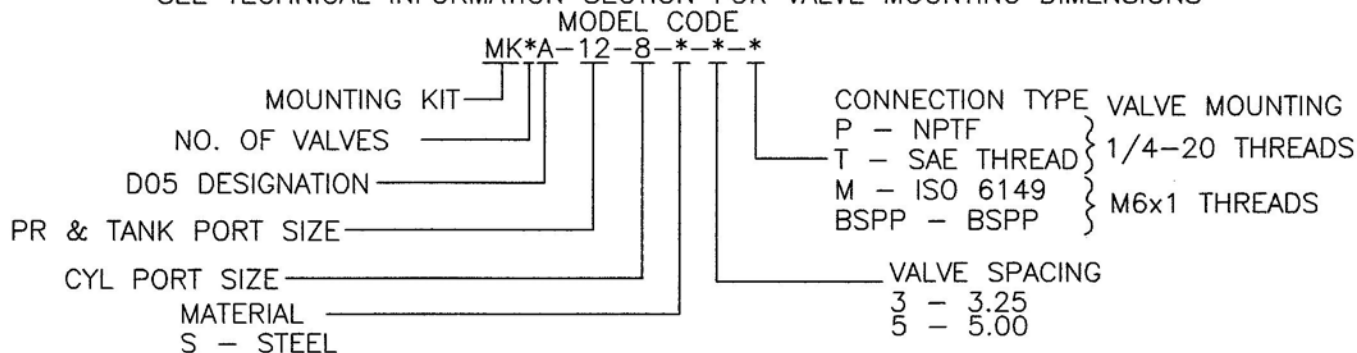


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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

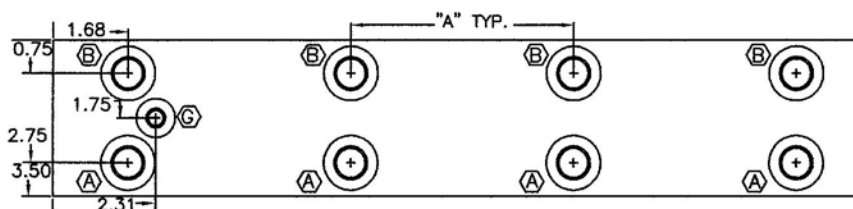
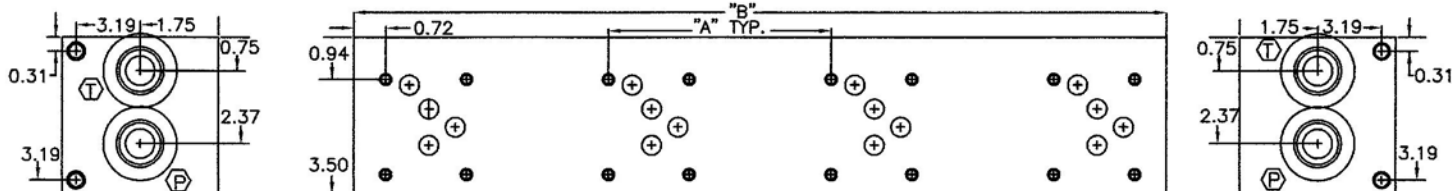
D05 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

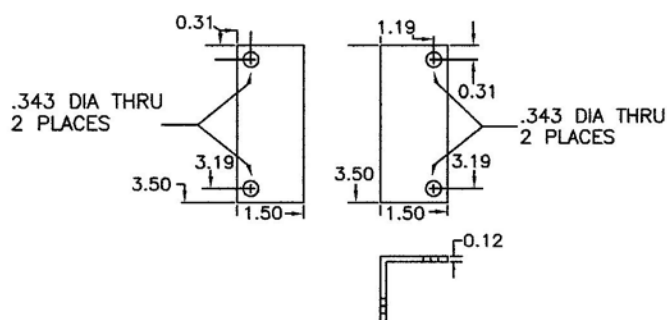


SPECIFICATIONS

NO. OF STATIONS	"B" DIMENSION							
	1	2	3	4	5	6	7	8
"A" 3.25 CENTERS	4.00	6.50	9.75	13.00	16.25	19.50	22.75	26.00
"A" 5.00 CENTERS		8.25	13.25	18.25	23.25	28.25	33.25	38.25



	PR & TK	A & B	GAGE
SAE THREAD	1.062-12=12T	.750-16=8T	.437-20
NPTF	.750-14=12	.500-14=8	.250-18
6149	M27x2=12T	M18x1.5=8T	M12x1.5
BSPP	.750x14=12	.500x14=8	.250x19



STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
(SAE AND NPT MANIFOLDS ONLY)
MOUNTING KIT CONSISTS OF:
2 BRACKETS
4. .312-18 HEX BOLTS
4. LOCK WASHERS

OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY



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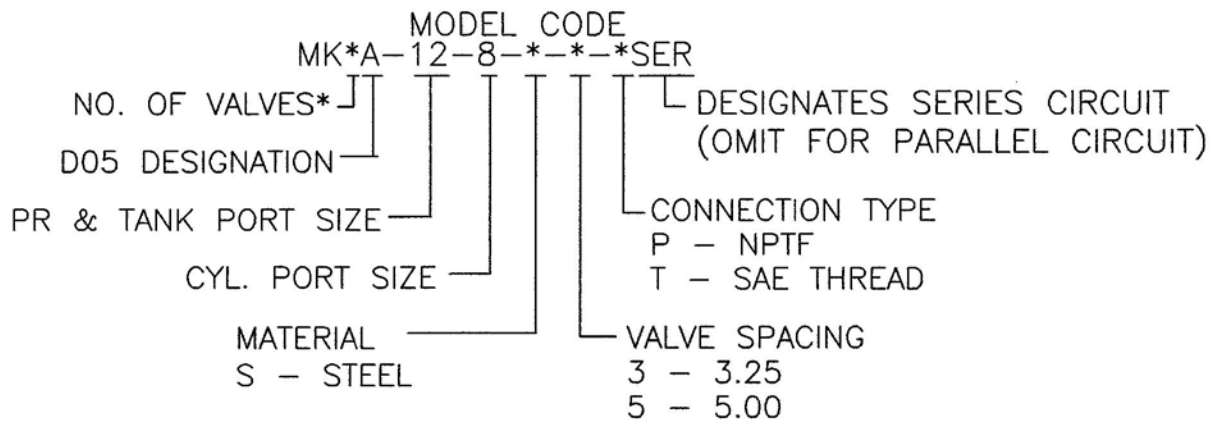
TROY, MI. 48083

FAX # 248 585-0646

E-MAIL: info@med-kas.com

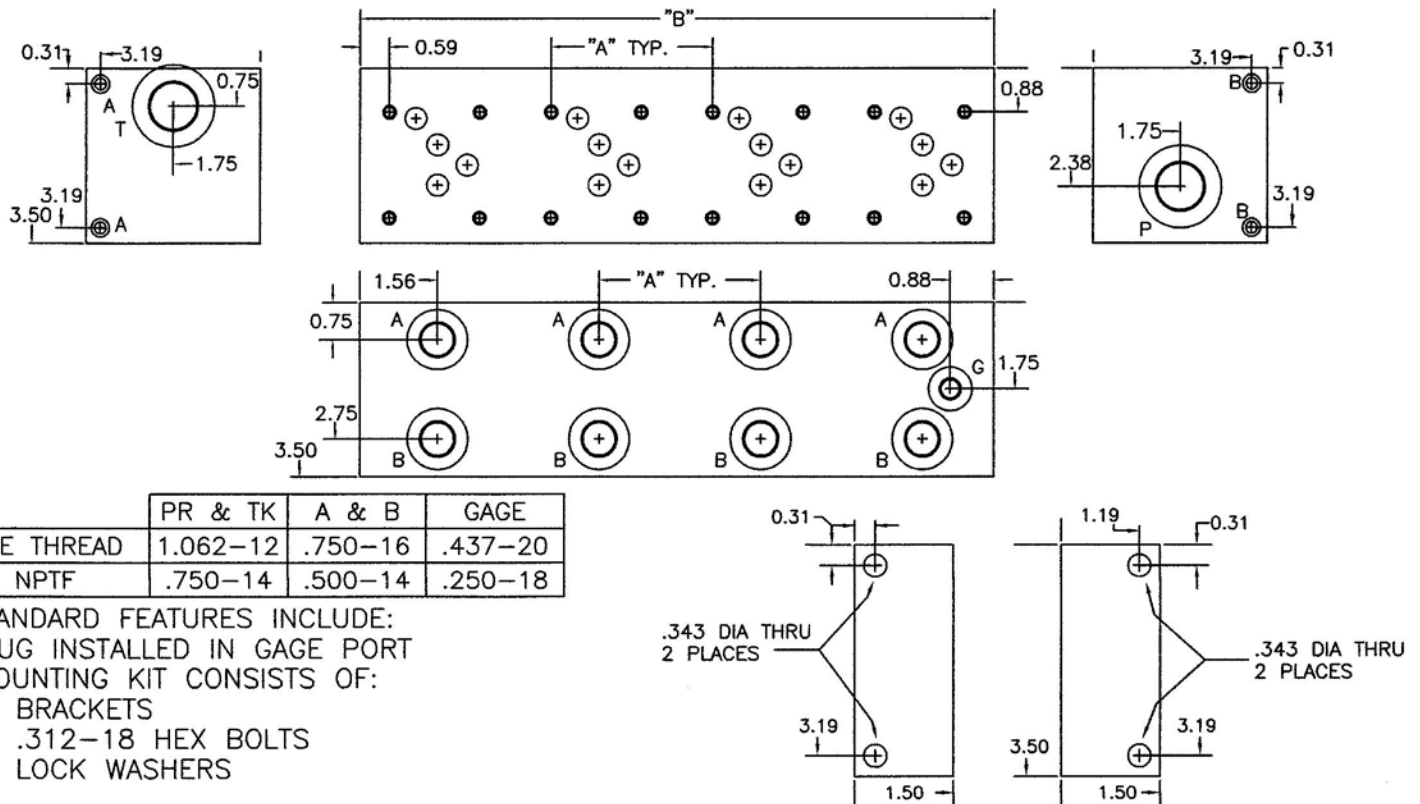
D05 SERIES CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



SPECIFICATIONS

		"B" DIMENSION		
	NO. OF STATIONS	2	3	4
"A"	3.25 CENTERS	6.25	9.50	12.75
"A"	5.00 CENTERS	8.00	13.00	18.00
	MTG.HOLES USED	A,B	A,B	A,B



	PR & TK	A & B	GAGE
SAE THREAD	1.062-12	.750-16	.437-20
NPTF	.750-14	.500-14	.250-18

STANDARD FEATURES INCLUDE:
PLUG INSTALLED IN GAGE PORT
MOUNTING KIT CONSISTS OF:
2. BRACKETS
4. .312-18 HEX BOLTS
4. LOCK WASHERS

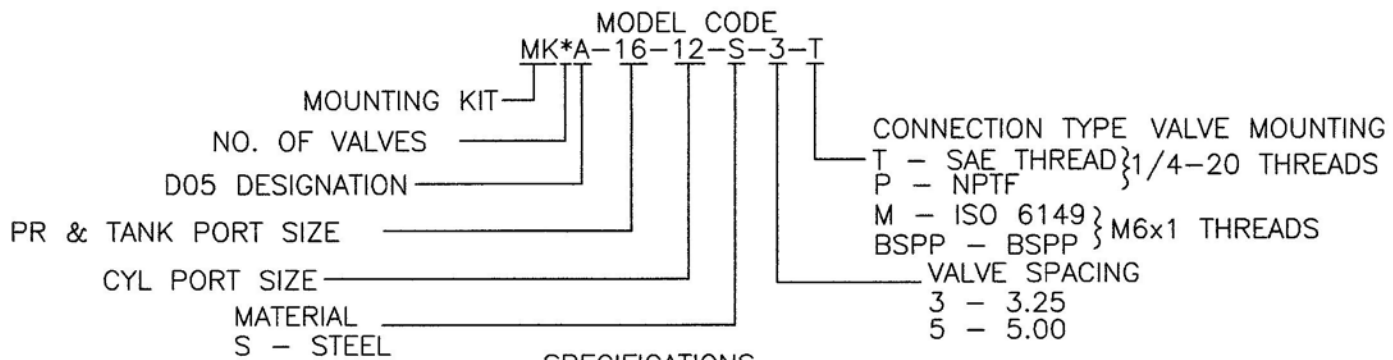


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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

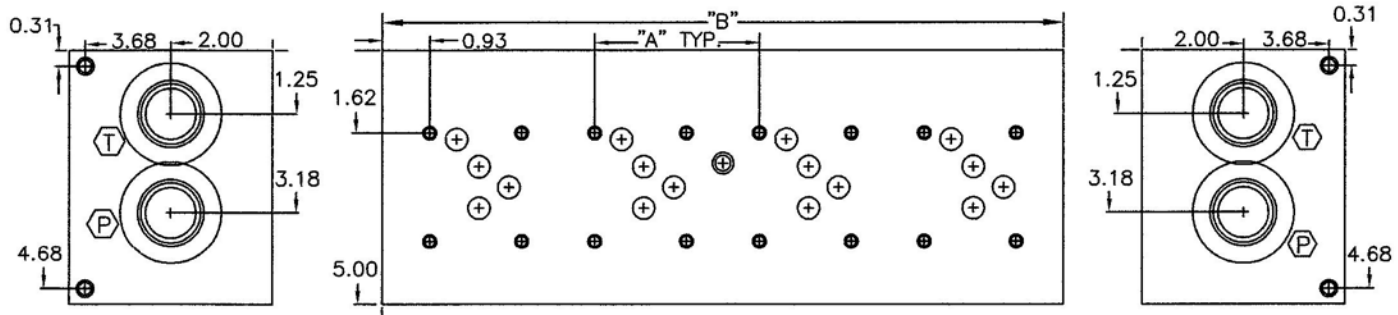
D05 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

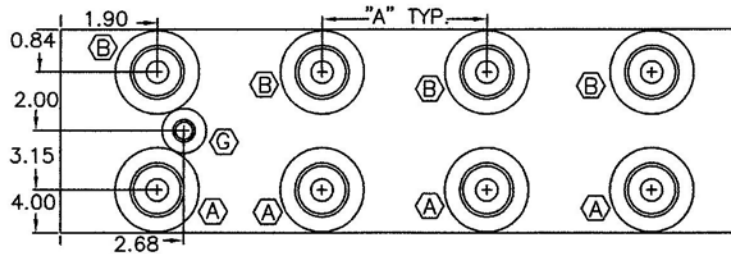


SPECIFICATIONS

		"B" DIMENSION							
NO. OF STATIONS		1	2	3	4	5	6	7	8
"A"	3.25 CENTERS	4.00	7.00	10.25	13.50	16.75	20.00	23.25	26.50
"A"	5.00 CENTERS		8.68	13.68	18.68	23.68	28.68	33.68	38.68



OPTIONAL PORTING NOT SHOWN:
INDIVIDUAL X, Y, AND L PORTS
TO ACCOMMODATE DOSH VALVES
SEE PAGE 5-14

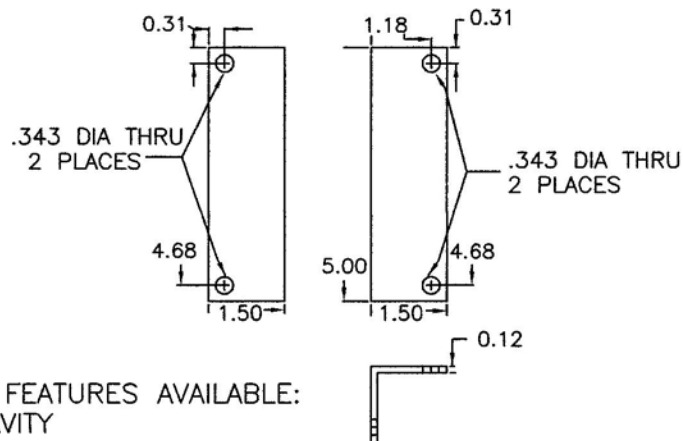


	PR & TK	A & B	GAGE
SAE THREAD	1.312-12=16T	1.062-12=12T	.437-20
NPTF	1.312-12=16	1.062-12=12	.437-20
6149	M33x2=16T	M27x2=12T	M12x1.5
BSPP	1.25x11=16	.750x14=12	.250x19

STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
(SAE AND NPT MANIFOLDS ONLY)
OVERSIZED PORTING
MOUNTING KIT CONSISTING OF:

- 2 BRACKETS
- 4. .312-18 HEX BOLTS
- 4. LOCK WASHERS

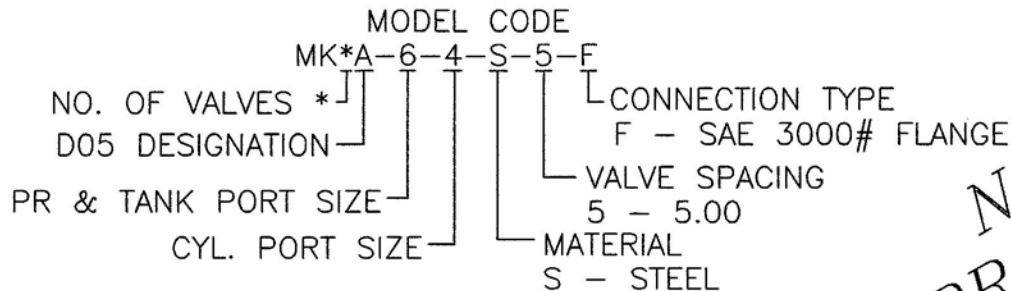
OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY



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D05 PARALLEL CIRCUIT MANIFOLD

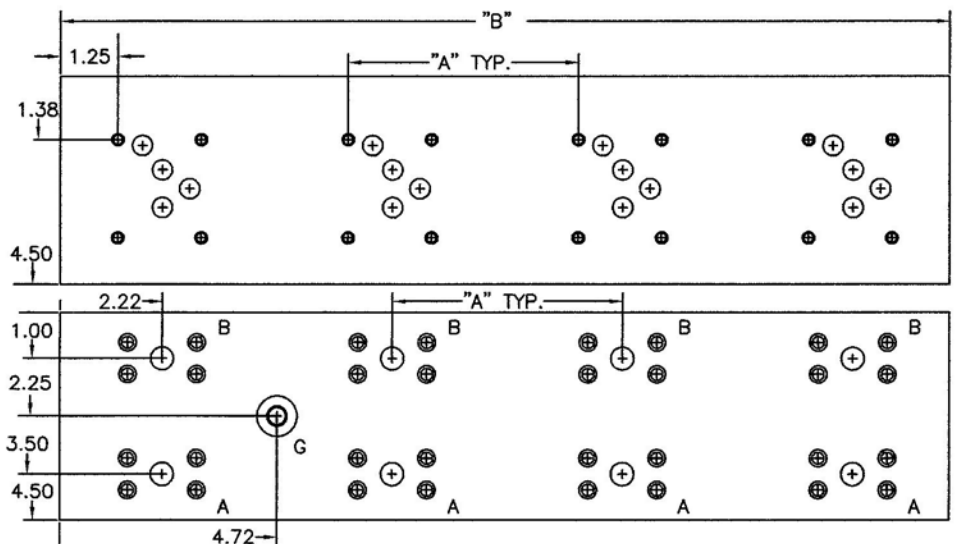
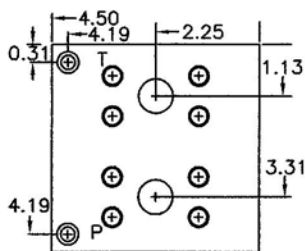
SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS



NEW
PRODUCT

SPECIFICATIONS

		"B" DIMENSION						
	NO. OF STATIONS	2	3	4	5	6	7	8
"A"	5.00 CENTERS	9.31	14.31	19.31	24.31	29.31	34.31	39.31
	MTG. HOLES USED	2 MTG HOLES PROVIDED ON EACH END						



	PR & TK	A & B	GAGE
SAE FLANGE	.750	.500	.437-20

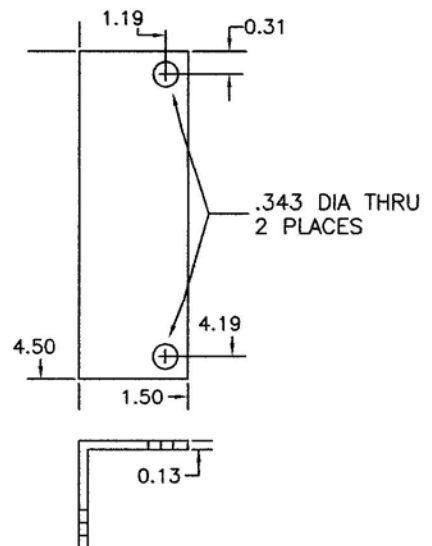
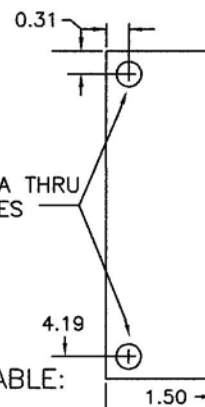
STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
MOUNTING KIT CONSISTING OF:
2 BRACKETS
4. .312-18 HEX BOLTS
4. LOCK WASHERS

.343 DIA THRU
2 PLACES

OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY
METRIC THREADS



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TROY, MI. 48099 TROY, MI. 48083
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

D07 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

MODEL CODE
 MK*BE-16-12-*-*-*
 MOUNTING KIT
 NO. OF STATIONS
 D07 DESIGNATION
 PR & TANK PORT SIZE
 CYL PORT SIZE
 MATERIAL
 S - STEEL

D (Y) PORT IS STANDARD
 INDIVIDUAL X PORTS
 ARE AVAILABLE AS AN
 OPTION BY ADDING AN X
 AT THE END OF THE
 PART NUMBER

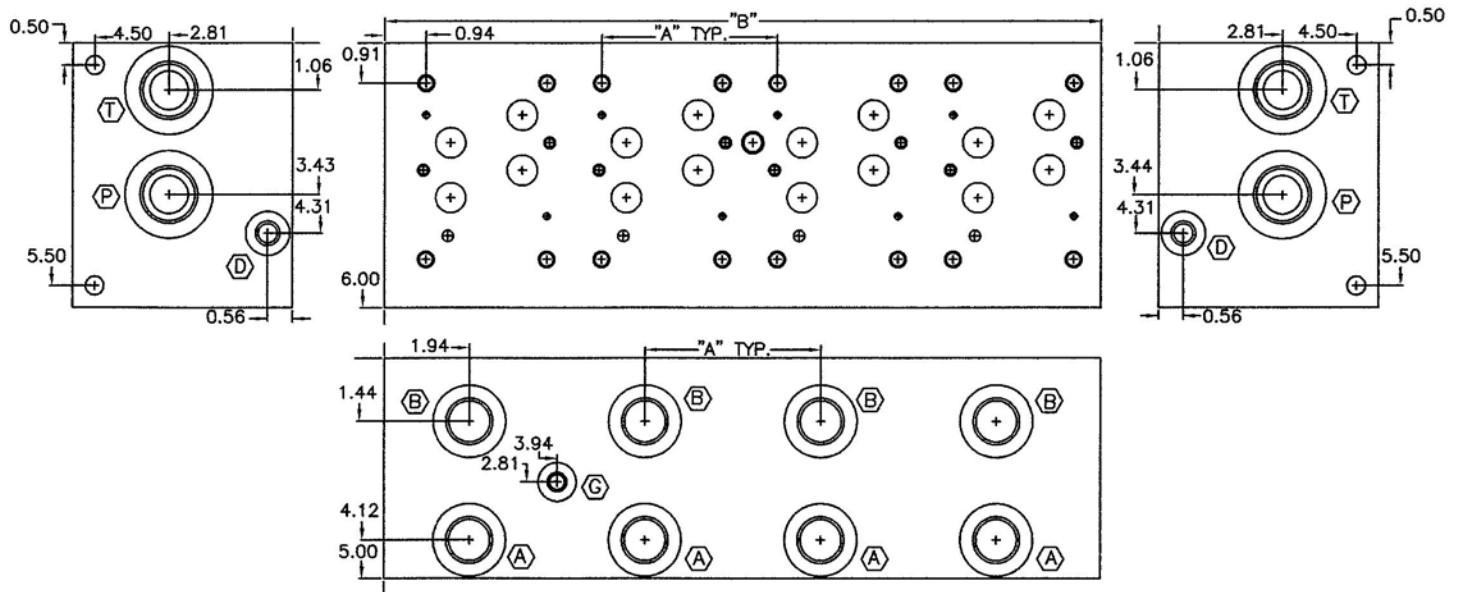
CONNECTION TYPE
 P - NPTF
 T - SAE THREAD
 M - ISO 6149
 BSPP - BSPP

VALVE MOUNTING
 3/8-16 & 1/4-20 THREADS
 M10x1.5 & M6x1 THREADS

VALVE SPACING
 4 - 4.000

SPECIFICATIONS

"B" DIMENSION								
NO. OF STATIONS	1	2	3	4	5	6	7	8
"A" 4.00 CENTERS	4.31	8.31	12.31	16.31	20.31	24.31	28.31	32.31

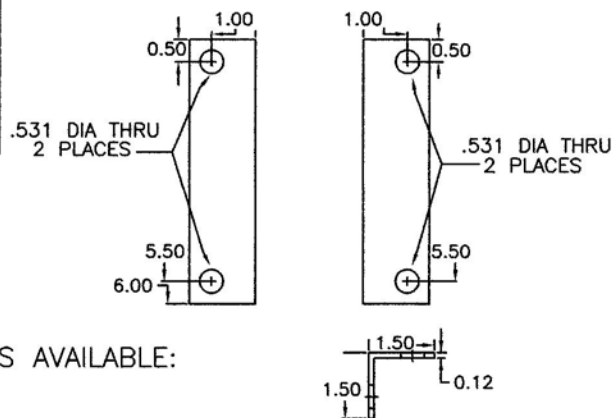


	PR & TK	A & B	GAGE	D
SAE THREAD	1.312-12	1.062-12	.437-20	.562-18
NPTF	1.00-11.5	.750-14	.250-18	.250-18
6149	M33x2	M27x2	M12x1.5	M16x1.5
BSPP	1.00x11	.750x14	.250x19	.250x19

STANDARD FEATURES INCLUDE:
 (SAE AND NPT MANIFOLDS ONLY)
 GAGE PORT WITH PLUG INSTALLED
 MOUNTING KIT CONSISTS OF:

- 2 BRACKETS
- 4. .500-13 HEX BOLTS
- 4. LOCK WASHERS

OPTIONAL FEATURES AVAILABLE:
 RELIEF CAVITY



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P.O. BOX 1163

TROY, MI. 48099

TEL: 248-585-3220

WEB SITE: www.med-kas.com

1419 JOHN R

TROY, MI. 48083

FAX # 248 585-0646

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D07 PARALLEL CIRCUIT MANIFOLD

SEE TECHNICAL INFORMATION SECTION FOR VALVE MOUNTING DIMENSIONS

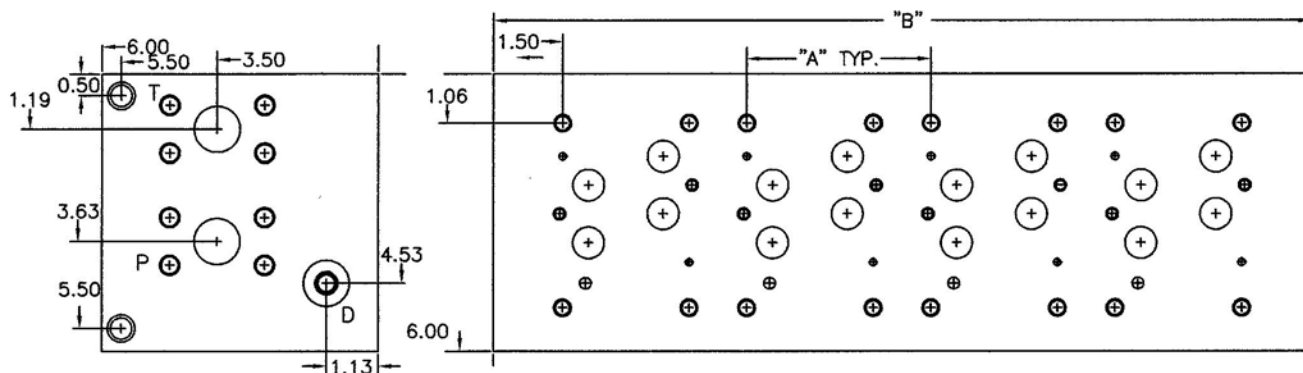
MODEL CODE
MK*BE-8-6-S-4-F-*

NO. OF STATIONS *
D07 DESIGNATION
PR & TANK PORT SIZE
CYL PORT SIZE

CONNECTION TYPE
F - FLANGE
VALVE SPACING
4 - 4.00
MATERIAL
S - STEEL

SPECIFICATIONS

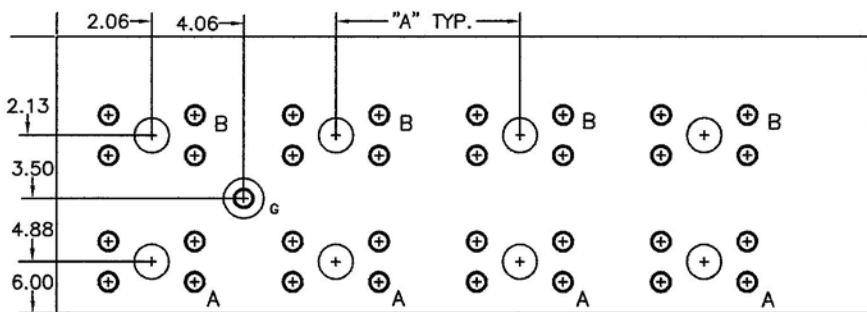
		"B" DIMENSION						
NO. OF STATIONS		2	3	4	5	6	7	8
"A"	4.00 CENTERS	9.50	13.50	17.50	21.50	25.50	29.50	33.50
MTG. HOLES USED		2 MTG HOLES PROVIDED ON EACH END						



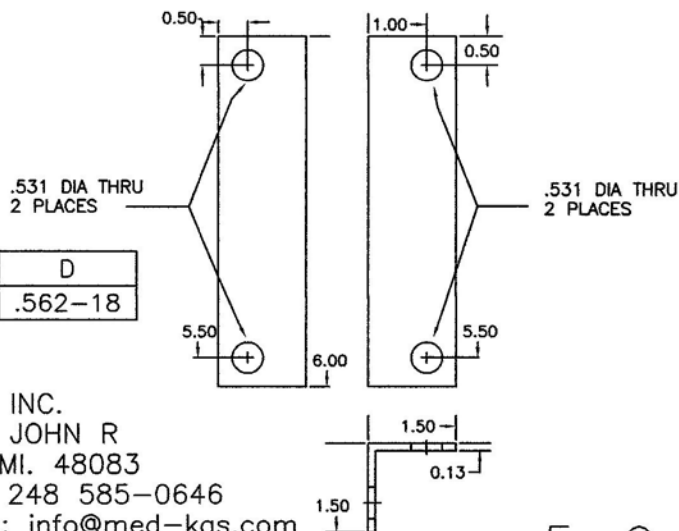
Y PORT IS STANDARD
INDIVIDUAL X PORTS
ARE AVAILABLE AS AN
OPTION BY ADDING AN X
AT THE END OF THE
PART NUMBER

OPTIONAL FEATURES AVAILABLE:
RELIEF CAVITY
METRIC THREADS

* NUMBER OF STATIONS TO SUIT



STANDARD FEATURES INCLUDE:
GAGE PORT WITH PLUG INSTALLED
MOUNTING KIT CONSISTS OF:
2 BRACKETS
4. .500-13 HEX BOLTS
4. LOCK WASHERS



	PR & TK	A & B	GAGE	D
SAE FLANGE	1.00	.750	.437-20	.562-18



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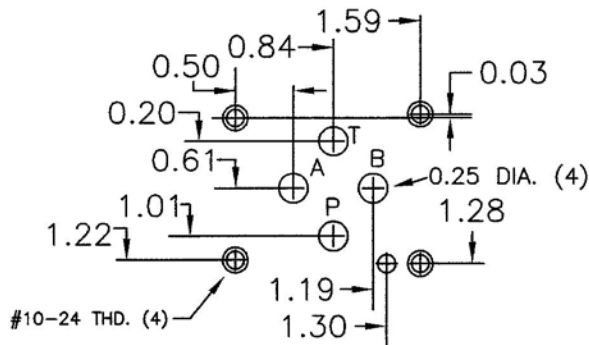
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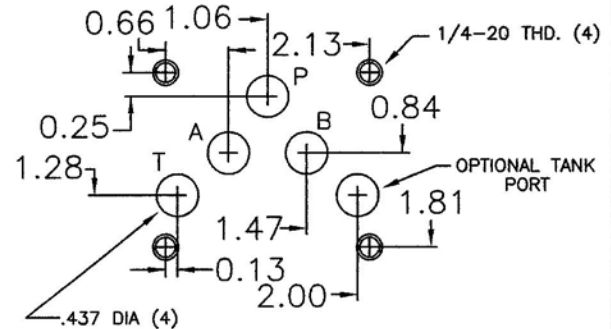
VALVE INTERFACE DIMENSIONS

NOTE: THESE DIMENSIONAL DRAWINGS ARE FOR REFERENCE ONLY
ALL PORTS SHOWN ARE NOT USED IN ALL CASES

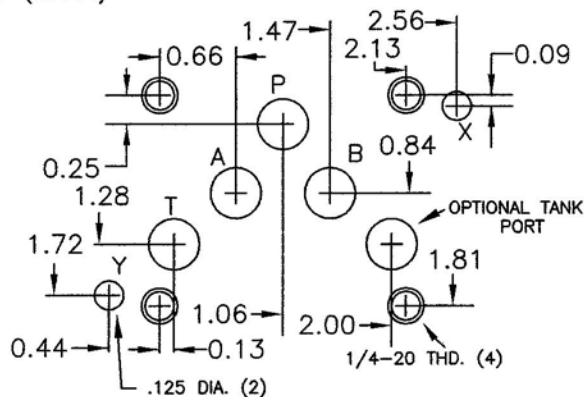
BY (D03)



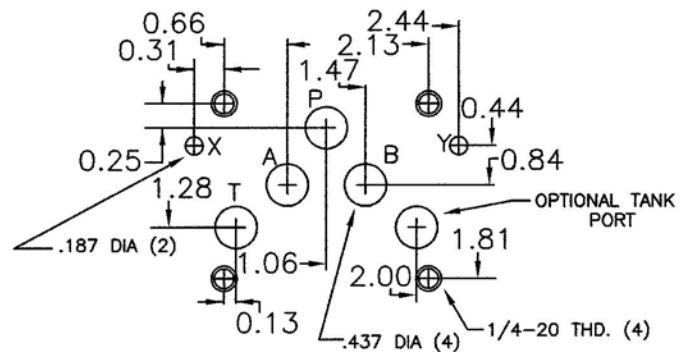
A (D05)



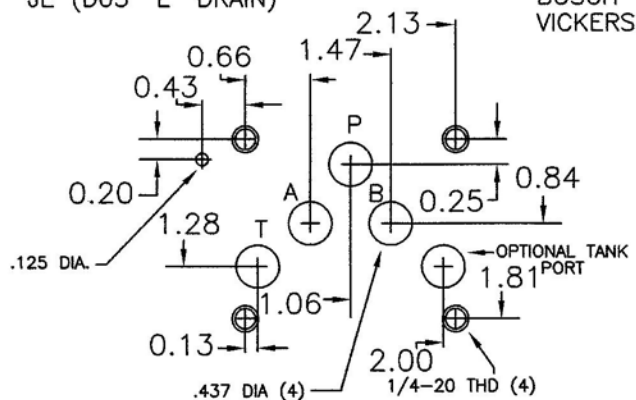
KC (D05H)



CC (D05HE)

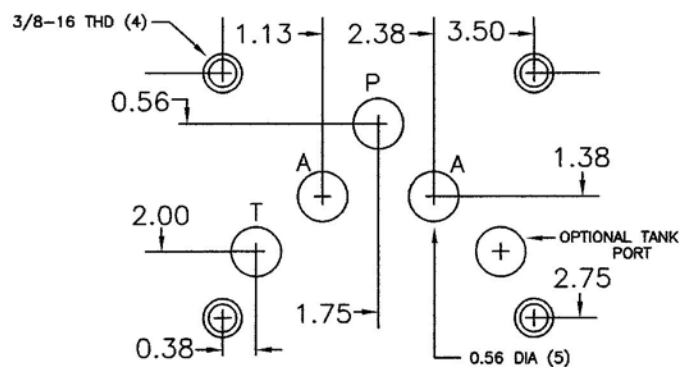


JE (D05 "L" DRAIN)



BOSCH
VICKERS

B (D06)



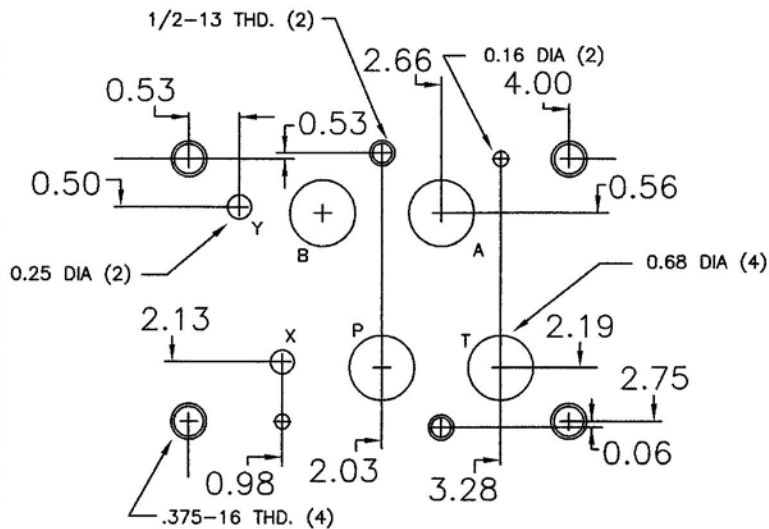
MED-KAS HYDRAULICS, INC.
P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
TEL: 248-585-3220 FAX # 248 585-0646
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

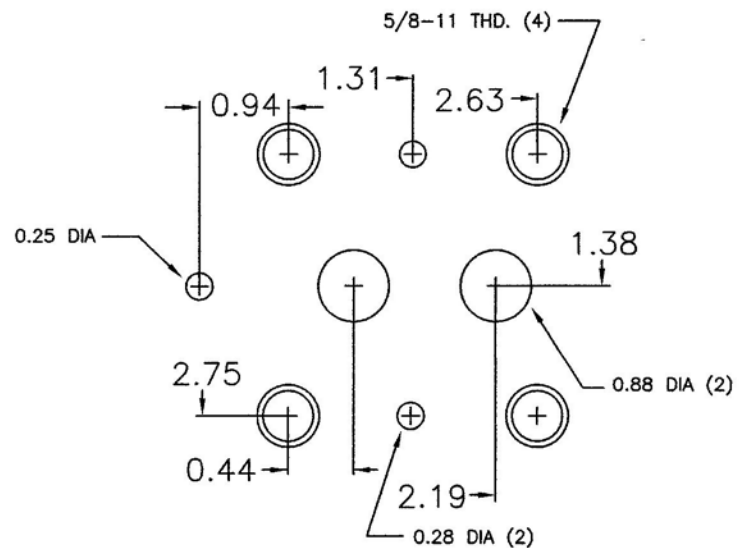
VALVE INTERFACE DIMENSIONS

NOTE: THESE DIMENSIONAL DRAWINGS ARE FOR REFERENCE ONLY
ALL PORTS SHOWN ARE NOT USED IN ALL CASES

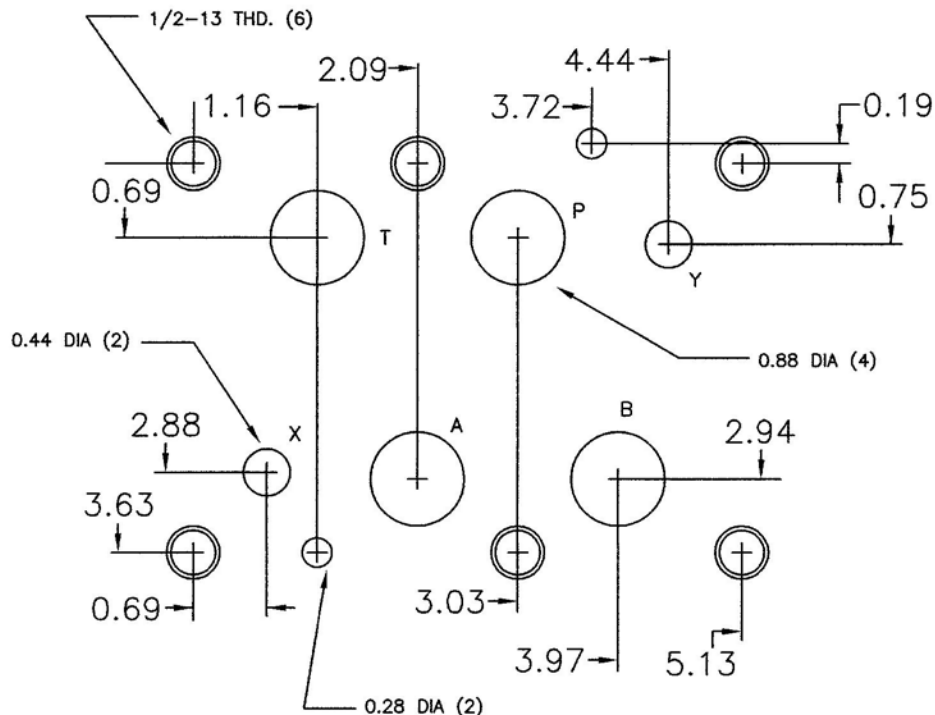
BE (D07)



BL (VICKERS CG-06)



CV (D08)

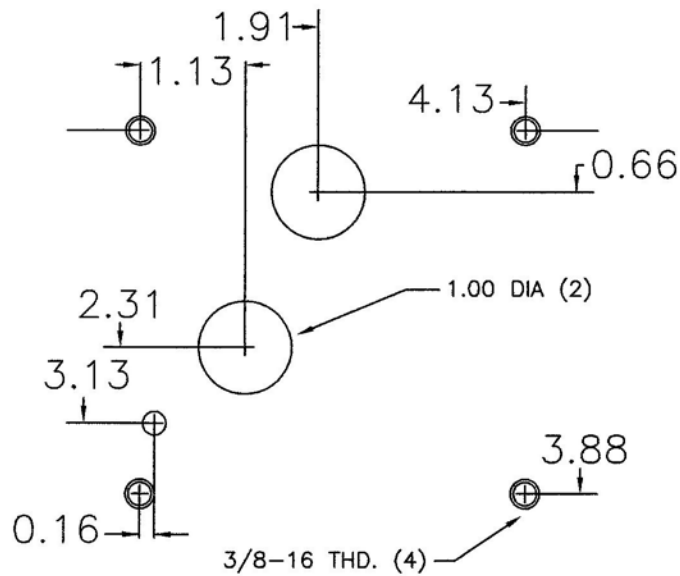


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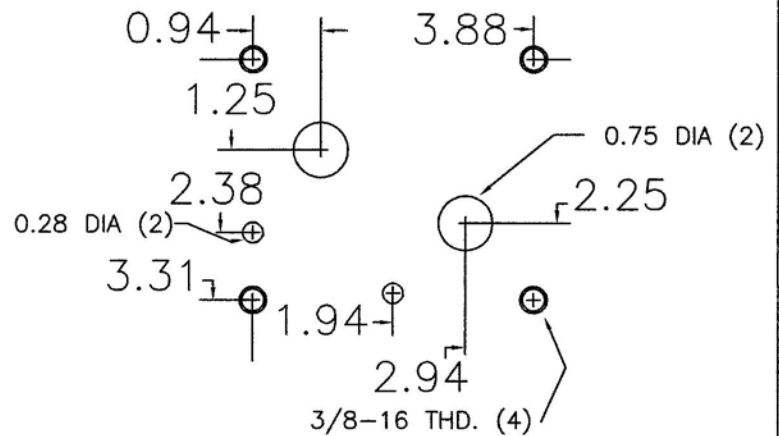
VALVE INTERFACE DIMENSIONS

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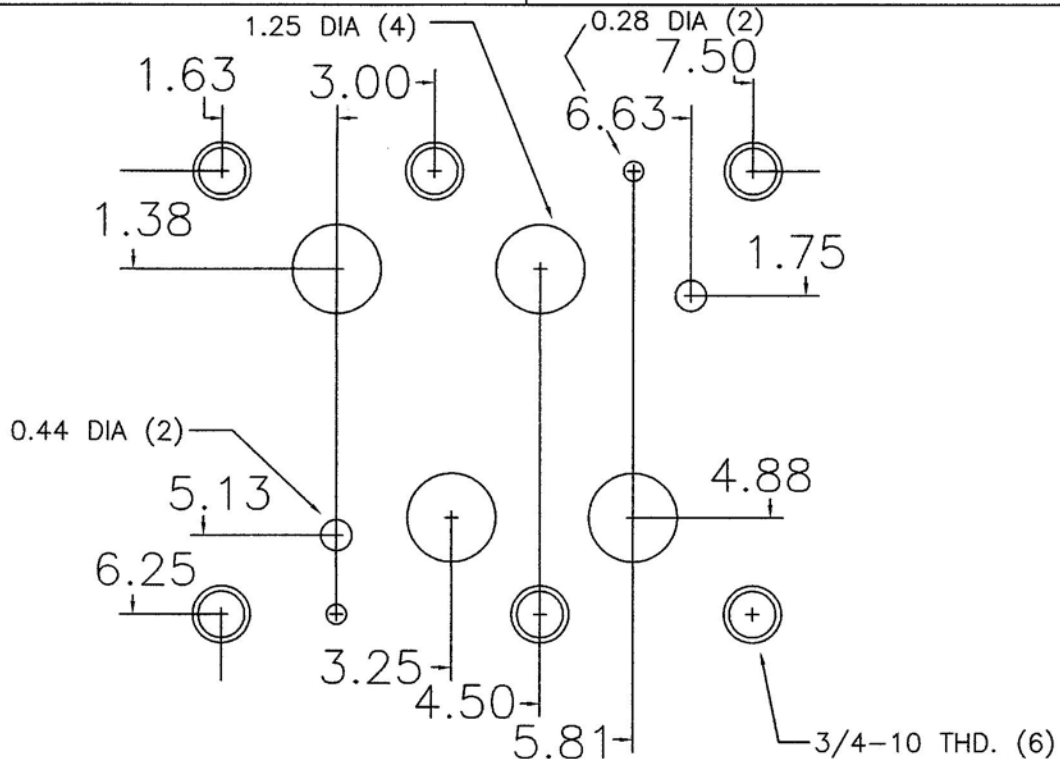
DE (2BF07)



BA (DG-15S-060-10)



D (D10)



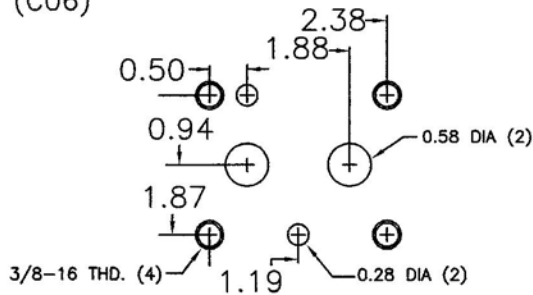
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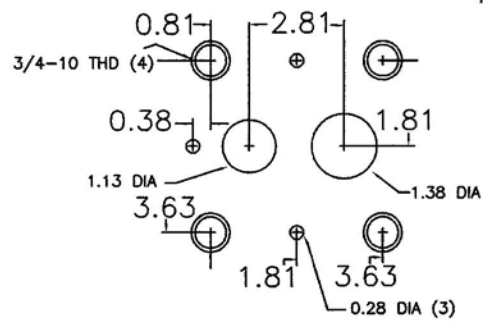
VALVE INTERFACE DIMENSIONS

NOTE: THESE DIMENSIONAL DRAWINGS ARE FOR REFERENCE ONLY
ALL PORTS SHOWN ARE NOT USED IN ALL CASES

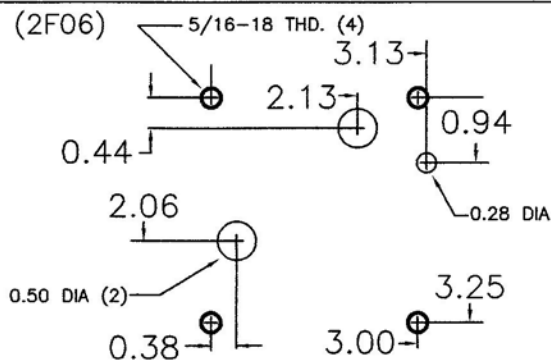
AK (C06)



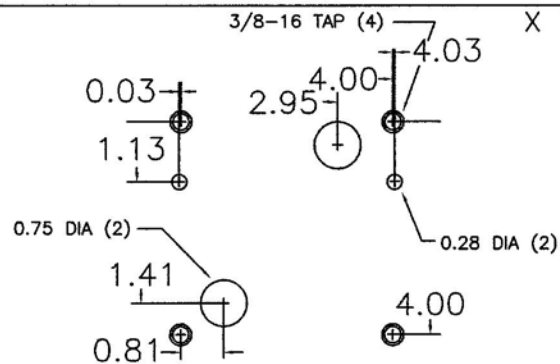
F (C09)



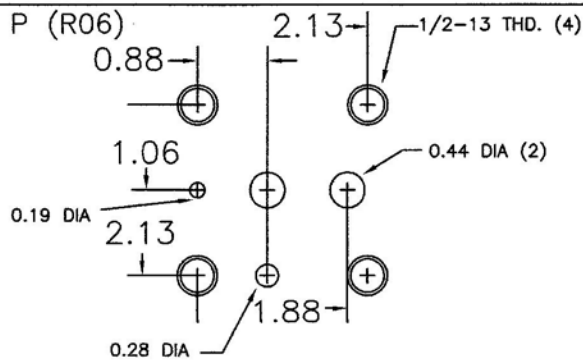
U (2F06)



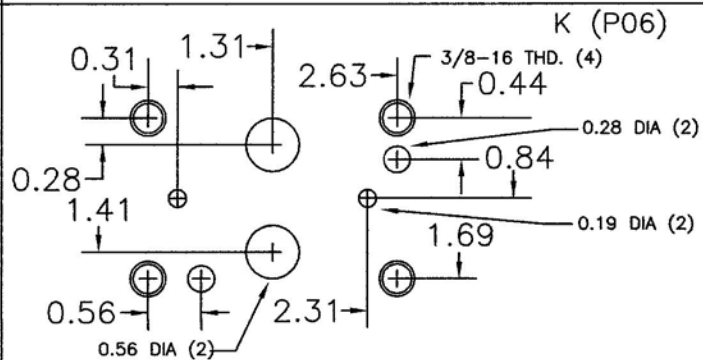
X (2F07)



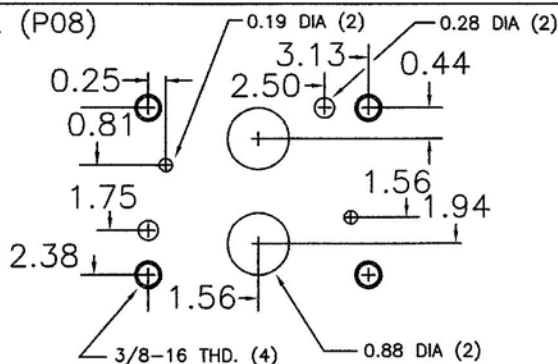
P (R06)



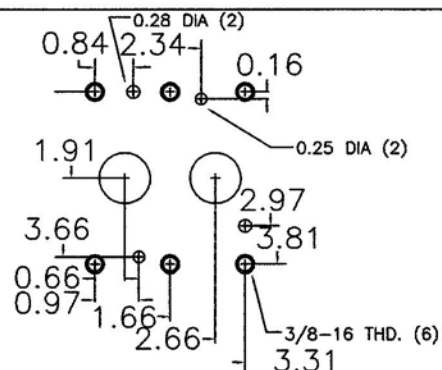
K (P06)



L (P08)



N (P10)



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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
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VALVE CROSS REFERENCE

NEW NFPA *

D03
D05
D05H
D06
D07
I08
D08
D10
2F06
3F06
2F07
3F07
2FB07
2F08
2F09
C06
C08
C09
P06,P0C06,RP06
P08,P0C08,RP08
P10,P0C09,RP10
R06
R08
R10

MED-KAS

BY
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* NFPA
NATIONAL FLUID POWER ASSOCIATION
AMERICAN NATIONAL STANDARD ANSO/B93.7M-1986
HYDRAULIC VALVE MOUNTING INTERFACES



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P.O. BOX 1163 1419 JOHN R
TROY, MI. 48099 TROY, MI. 48083
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PORT SIZE CROSS REFERENCE

PIPE THREAD CODING

4P = 1/4-18 NPT
6P = 3/8-18 NPT
8P = 1/2-14 NPT
12P = 3/4-14 NPT
16P = 1-11-1/2 NPT
20P = 1-1/4-11-1/2 NPT
24P = 1-1/2-11-1/2 NPT
32P = 2-11-1/2 NPT

S.A.E STRAIGHT THREAD CODING

2T = 5/16-24
3T = 3/8-24
4T = 7/16-20
5T = 1/2-20
6T = 9/16-18
8T = 3/4-16
10T = 7/8-14
12T = 1-1/16-12
14T = 1-3/16-12
16T = 1-5/16-12
20T = 1-5/8-12
24T = 1-7/8-12
32T = 2-1/2-12

S.A.E 4 BOLT FLANGE CODING *

6F = 3/4
8F = 1.00
10F = 1-1/4
12F = 1-1/2
16F = 2.00
20F = 2-1/2
24F = 3.00
32F = 4.00
40F = 5.00

BRITISH STANDARD PARALLEL PIPE BRITISH STANDARD TAPERED PIPE

4BSPP = 1/4-19
6BSPP = 3/8-19
8BSPP = 1/2-14
12BSPP = 3/4-14
16BSPP = 1.00-11
20BSPP = 1-1/4-11
24BSPP = 1-1/2-11
32BSPP = 2.00-11

NOTE

FLANGE SIZE DESIGNATIONS DO NOT
CORRESPOND TO THE NPT, OR THE
S.A.E NUMBERING CODES.

-3 = 3000 PSI CODE 61
-6 = 6000 PSI CODE 62



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