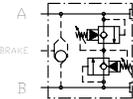
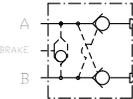
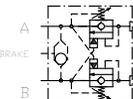


# Motor Mount Valves

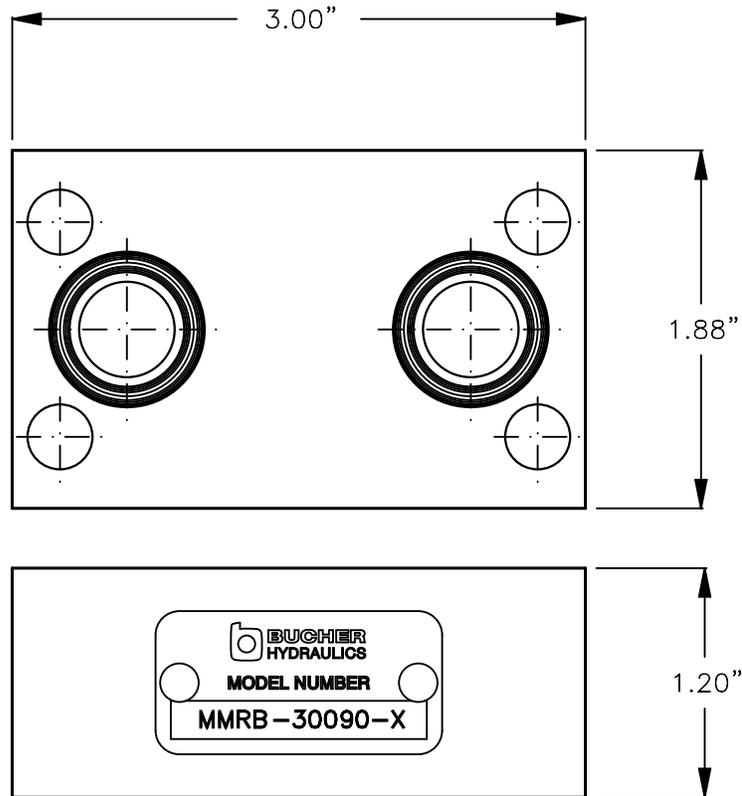
	MODEL	DESCRIPTION	FLOW	CAVITY	PAGE NO.
	MMRB-30090	MANIFOLD MOUNT RISER BLOCK			13-010.1
	MMRV-10	MOTOR MOUNT RELIEF VALVE	26 GPM	C1020	13-110.0
	MMPC-10	MOTOR MOUNT PILOTED CHECK	18 GPM	C1025	13-120.0
	MMCB-10 MMCB-12	MOTOR MOUNT COUNTERBALANCE	20 GPM 35 GPM	C1025 C1225	13-130.0 13-131.0

GENERAL INFORMATION FOR MOTOR MOUNT VALVES (ABOVE)

MOTOR MOUNT PORTS (INTERFACE SPECIFICATION)

13-010.0

MOTOR MOUNT RISER BLOCK



MMRB-30090-X

BASIC ———  
MOTOR MOUNT RISER BLOCK

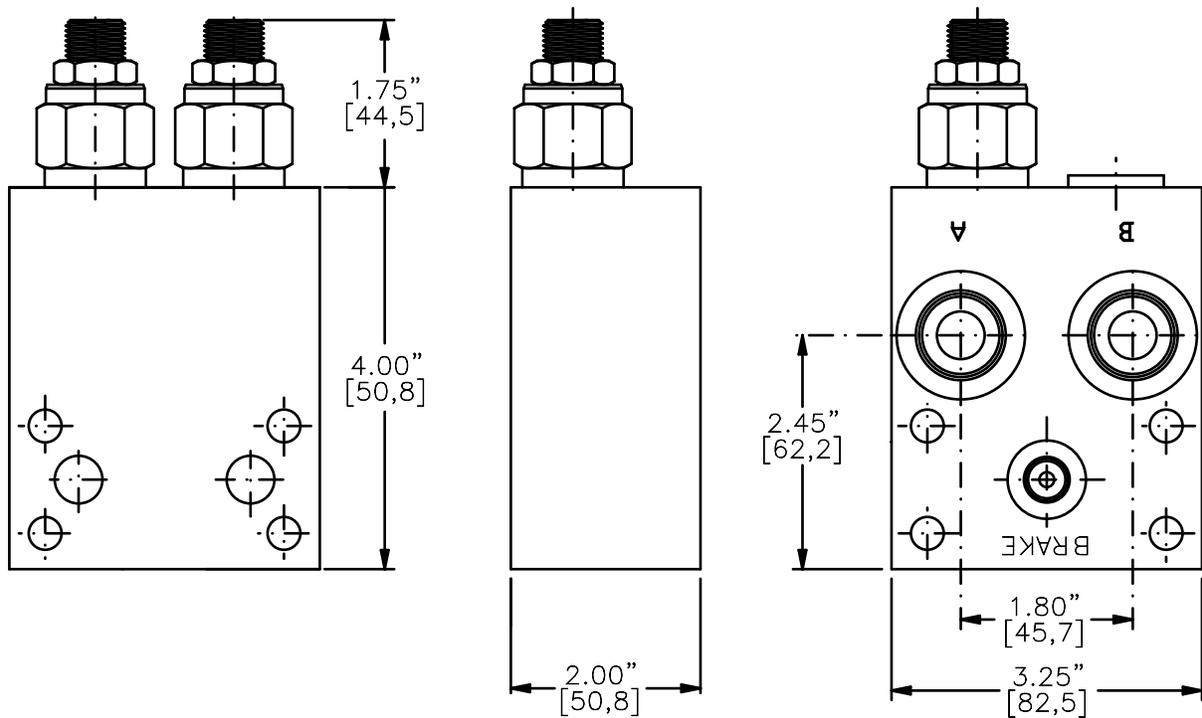
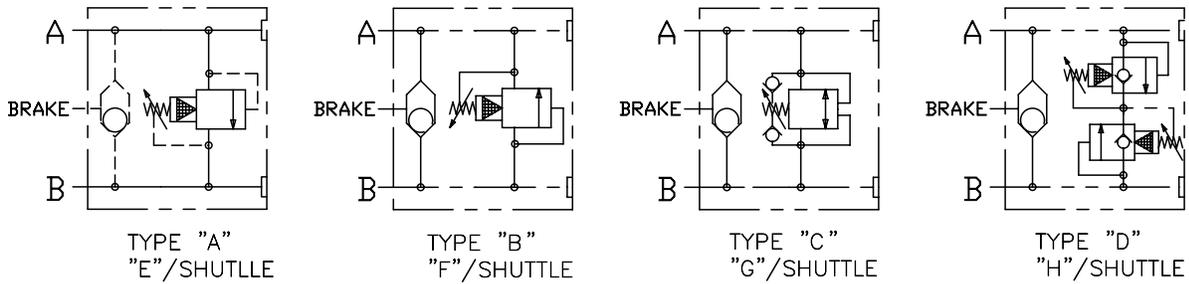
SEALS  
N = BUNA (12113)  
V = VITON (14113)

**DESCRIPTION**

THIS UNIT IS A RISER BLOCK TO MOUNT IN BETWEEN THE VALVE AND A LOW SPEED HIGH TORQUE HYDRAULIC MOTOR SUCH AS EATON, WHITE, PARKER (HPI & ROSS), DANFOSS, ETC. WITH MANIFOLD MOUNTING DIMENSIONS SPECIFIED ON PAGE 13-010.0 TO CLEAR A LARGE REAR FLANGE OR A BRAKE.

MATERIAL: ANODIZED ALUMINUM ALLOY.

MOTOR MOUNT RELIEF VALVE



**MMRV-10-X-X-X-10TA-XX-XX**

BASIC

SIZE  
10 = 7/8"-14UNF

SEALS  
N = BUNA "N"  
V = VITON

ADJUSTMENT  
C = CAPPED  
S = SCREW  
T = TAMPERPROOF

USE ON  
"D" & "H" ONLY

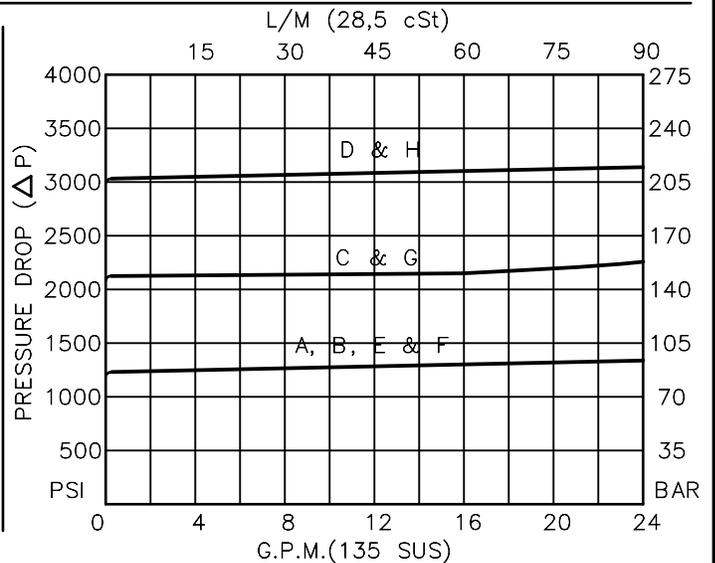
PRESSURE RANGE  
15 = 0 TO 1500 PSI  
30 = 0 TO 3000 PSI

PORTS  
10TA = SAE - #10

OTHER PORTS AVAILABLE  
UPON REQUEST

TYPE  
"A", "B", "C", "D", "E", "F", "G" & "H"  
(SEE OTHER SIDE PAGE 13-110.1)

FOR ADJUSTMENT CONTROL  
OPTIONS SEE PAGE 0-050.0



## MOTOR MOUNT RELIEF VALVE

### DESCRIPTION

THIS UNIT IS A CROSS PORT RELIEF VALVE TO MOUNT ON TO A LOW SPEED HIGH TORQUE HYDRAULIC MOTOR SUCH AS EATON, WHITE, PARKER (HPI & ROSS), DANFOSS, ETC. WITH MANIFOLD MOUNTING DIMENSIONS SPECIFIED ON PAGE 13-010.0

### OPERATIONS

TYPE	PORT RELIEFS	CARTRIDGE VALVE
A	"A" TO "B"	RVPS-10-X-X-0-XX
B	"B" TO "A"	RVPS-10-X-X-0-XX
C	"A" TO "B" & "B" TO "A" SAME PRESSURE SETTING	RVBD-10-X-X-0-XX
D	"A" TO "B" & "B" TO "A" INDEPENDENT SETTINGS	RVPP-10-X-X-0-XX
E	"A" TO "B" (SAME AS "A")	WITH BRAKE SHUTTLE
F	"B" TO "A" (SAME AS "B")	WITH BRAKE SHUTTLE
G	"A" TO "B" & "B" TO "A" ( SAME AS "C" )	WITH BRAKE SHUTTLE
H	"A" TO "B" & "B" TO "A" ( SAME AS "D" )	WITH BRAKE SHUTTLE

### SPECIFICATIONS

OPERATING PRESSURE: 3000 PSI [210 BAR].

OPERATING TEMPERATURE: -40° TO +250° F. [-40° TO +120° C.].

OPERATING MEDIA: ALL GENERAL PURPOSE HYDRAULIC FLUIDS.

BRAKE PORT WHEN REQUIRED IS SAE-#4 (7/16"-20 UNF THD.)

MATERIAL: ANODIZED ALUMINIUM ALLOY BODY.

OPTIONAL: PROVISIONS CAN BE MADE TO CLEAR THE MOUNTING BOLT ON THE SAE "A" FLANGE MOUNT MOTOR WITH MOUNTING HOLE ON THE SAME SIDE AS THE WORKING PORTS "A" AND "B".

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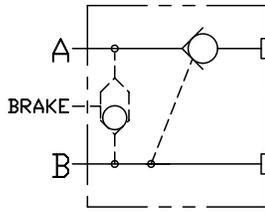
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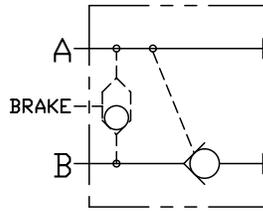
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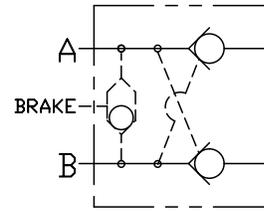
MOTOR MOUNT PILOTED CHECK



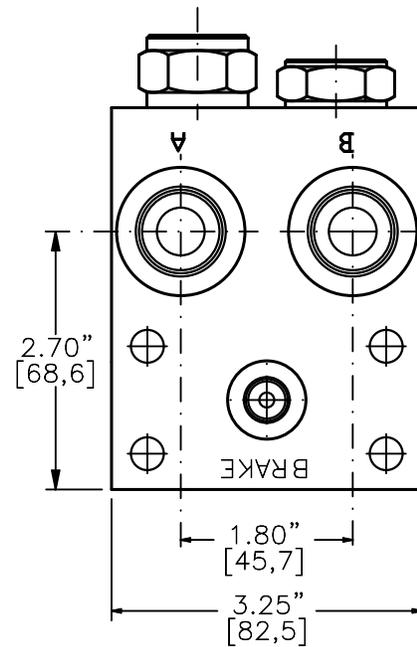
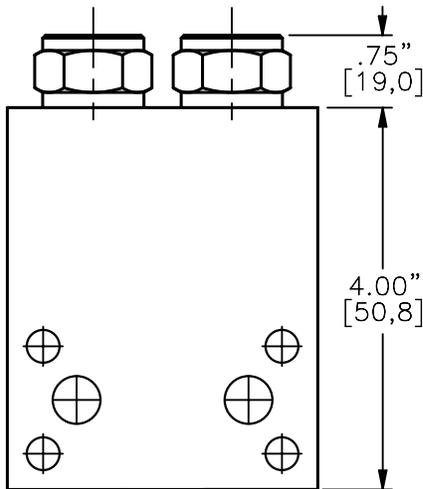
TYPE "A"  
"D"/SHUTTLE



TYPE "B"  
"E"/SHUTTLE



TYPE "C"  
"F"/SHUTTLE



MMPC-10-X-X-X-10TA-XXX

BASIC

SIZE  
10 = 7/8"-14UNF

SEALS  
N = BUNA "N"  
V = VITON

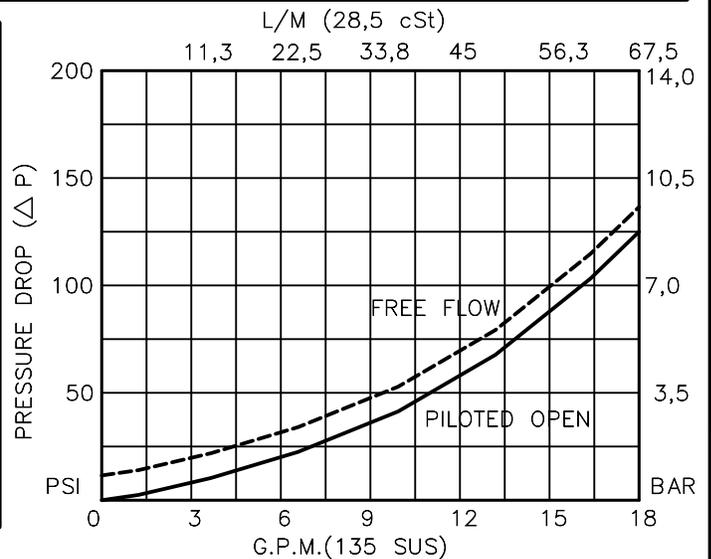
ADJUSTMENT  
F = FIXED (STANDARD)  
M = MANUAL LOAD RELEASE

CRACK PRESSURE  
010 = 10 PSI  
030 = 30 PSI  
060 = 60 PSI

PORTS  
10TA = SAE - #10

OTHER PORTS AVAILABLE  
UPON REQUEST

TYPE  
"A", "B", "C", "D", "E" & "F"  
(SEE OTHER SIDE PAGE 13-120.1)



**MOTOR MOUNT PILOTED CHECK****DESCRIPTION**

THIS UNIT IS A PILOT OPERATED CHECK VALVE TO MOUNT ON TO A LOW SPEED HIGH TORQUE HYDRAULIC MOTOR SUCH AS EATON, WHITE, PARKER (HPI & ROSS), DANFOSS, ETC. WITH MANIFOLD MOUNTING DIMENSIONS SPECIFIED ON PAGE 13-010.0

SEE PAGE 1-102.0 FOR MORE INFORMATION ON PERFORMANCE DATA AND OTHER OPTIONS OF THE CARTRIDGE #POCI-10-N-F-0-XX.

**OPERATIONS**

TYPE	CHECKED PORT	CARTRIDGE VALVE
A	"A"	POCI-10-X-X-0-XX
B	"B"	POCI-10-X-X-0-XX
C	"A" & "B"	POCI-10-X-X-0-XX
D	"A"	WITH BRAKE SHUTTLE
E	"B"	WITH BRAKE SHUTTLE
F	"A" & "B"	WITH BRAKE SHUTTLE

**SPECIFICATIONS**

OPERATING PRESSURE: 3000 PSI [210 BAR].

OPERATING TEMPERATURE: -40° TO +250° F. [-40° TO +120° C.].

OPERATING MEDIA: ALL GENERAL PURPOSE HYDRAULIC FLUIDS.

BRAKE PORT WHEN REQUIRED IS SAE-#4 (7/16"-20 UNF THD.)

MATERIAL: ANODIZED ALUMINIUM ALLOY BODY.

PILOT RATIO: 3 TO 1.

OPTIONAL: PROVISIONS CAN BE MADE TO CLEAR THE MOUNTING BOLT ON THE SAE "A" FLANGE MOUNT MOTOR WITH MOUNTING HOLE ON THE SAME SIDE AS THE WORKING PORTS "A" AND "B".

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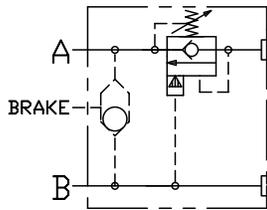
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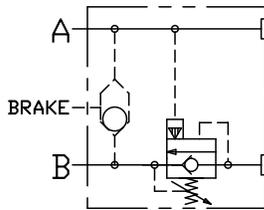
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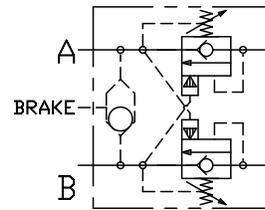
MOTOR MOUNT COUNTERBALANCE



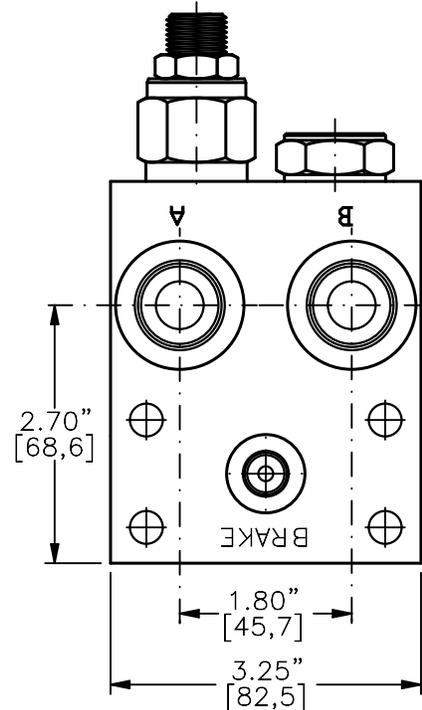
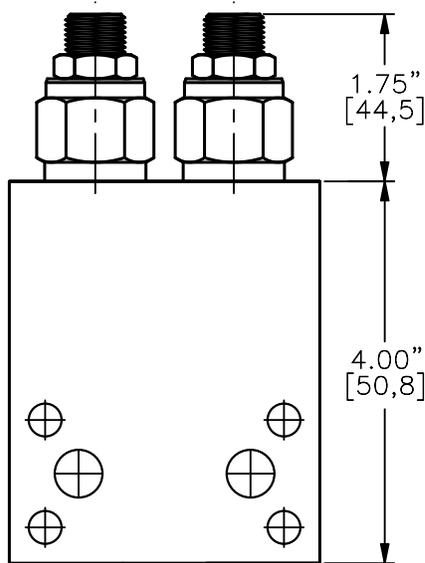
TYPE "A"  
"D"/SHUTTLE



TYPE "B"  
"E"/SHUTTLE



TYPE "C"  
"F"/SHUTTLE



**MMCB-10-X-X-X-10TA-XX**

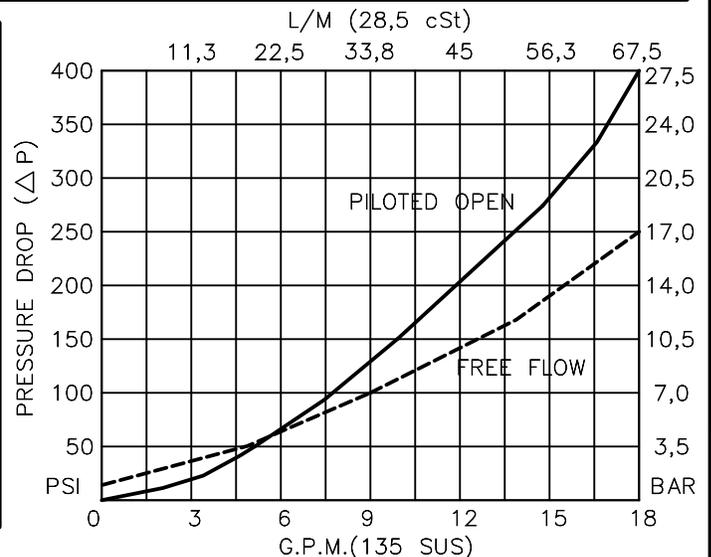
BASIC  
SIZE  
10 = 7/8"-14UNF  
SEALS  
N = BUNA "N"  
V = VITON  
ADJUSTMENT  
C = CAPPED  
S = SCREW  
T = TAMPERPROOF

PRESSURE RANGE  
15 = 100 TO 1500 PSI  
30 = 300 TO 3000 PSI

PORTS  
10TA = SAE - #10  
OTHER PORTS AVAILABLE  
UPON REQUEST

TYPE  
"A", "B", "C", "D", "E" & "F"  
(SEE OTHER SIDE PAGE 13-130.1)

FOR ADJUSTMENT CONTROL  
OPTIONS SEE PAGE 0-050.0



**MOTOR MOUNT COUNTERBALANCE****DESCRIPTION**

THIS UNIT IS A COUNTERBALANCE VALVE TO MOUNT ON TO A LOW SPEED HIGH TORQUE HYDRAULIC MOTOR SUCH AS EATON, WHITE, PARKER (HPI & ROSS), DANFOSS, ETC. WITH MANIFOLD MOUNTING DIMENSIONS SPECIFIED ON PAGE 13-010.0  
SEE PAGE 8-052.0 FOR MORE INFORMATION ON PERFORMANCE DATA AND OTHER OPTIONS OF THE CARTRIDGE #CBPA-10-N-S-0-XX.

**OPERATIONS**

TYPE	PORT COUNTERBALANCED	CARTRIDGE VALVE
A	"A"	CBPA-10-X-X-0-XX
B	"B"	CBPA-10-X-X-0-XX
C	"A" & "B"	CBPA-10-X-X-0-XX
D	"A" E	WITH BRAKE SHUTTLE
E	"B"	WITH BRAKE SHUTTLE
F	"A" & "B"	WITH BRAKE SHUTTLE

**SPECIFICATIONS**

OPERATING PRESSURE: 3000 PSI [210 BAR].

OPERATING TEMPERATURE: -40 TO +250 F [-40 TO +120 C].

OPERATING MEDIA: ALL GENERAL PURPOSE HYDRAULIC FLUIDS.

BRAKE PORT WHEN REQUIRED IS SAE-#4 (7/16"-20 UNF THD.)

MATERIAL: ANODIZED ALUMINIUM ALLOY BODY.

PILOT RATIO: 4 TO 1.

OPTIONAL: PROVISIONS CAN BE MADE TO CLEAR THE MOUNTING BOLT ON THE SAE "A" FLANGE MOUNT MOTOR WITH MOUNTING HOLE ON THE SAME SIDE AS THE WORKING PORTS "A" AND "B".

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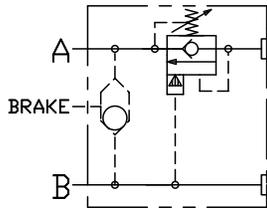
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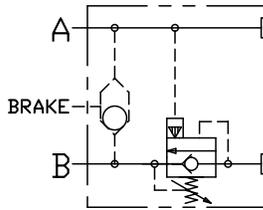
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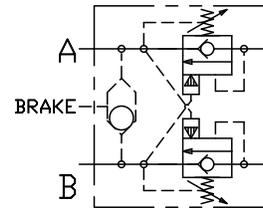
MOTOR MOUNT COUNTERBALANCE



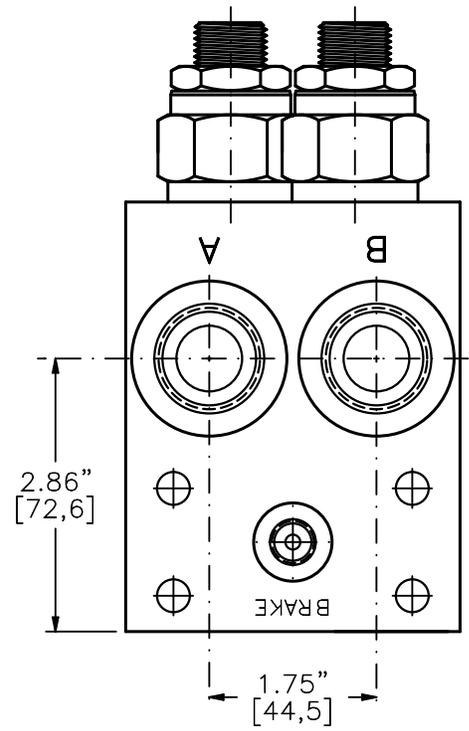
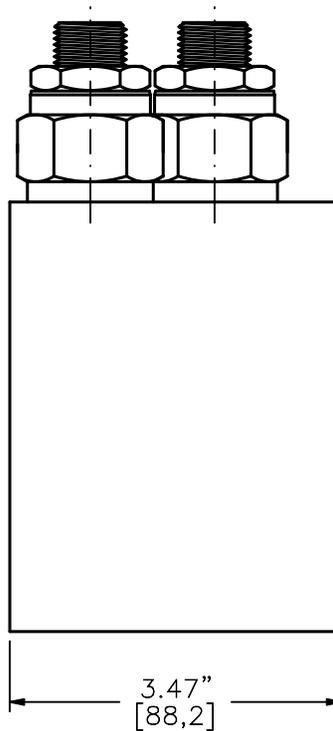
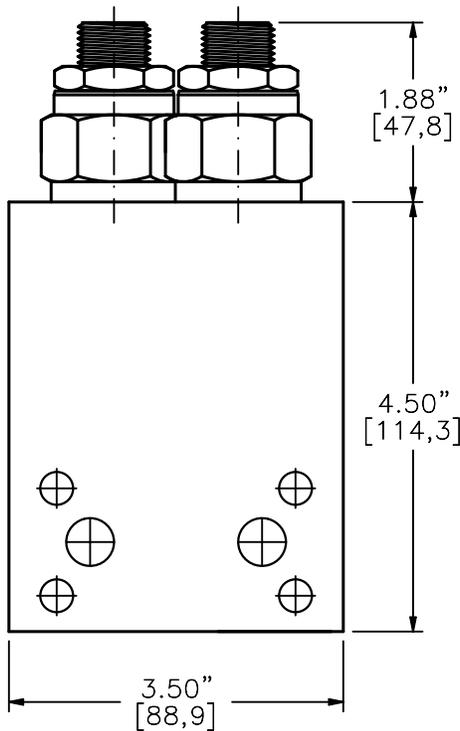
TYPE "A"  
"D"/SHUTTLE



TYPE "B"  
"E"/SHUTTLE



TYPE "C"  
"F"/SHUTTLE



**MMCB-12-X-X-X-12TA-XX**

BASIC

SIZE  
12 = 1.062"-12UNF

SEALS  
N = BUNA "N"  
V = VITON

ADJUSTMENT  
C = CAPPED  
S = SCREW  
T = TAMPERPROOF

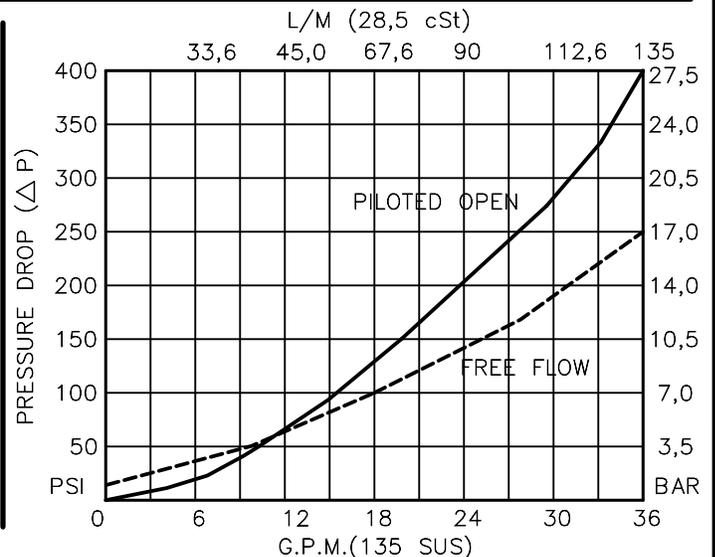
PRESSURE RANGE  
15 = 0 TO 1500 PSI  
30 = 0 TO 3000 PSI

PORTS  
12TA = SAE - #12

OTHER PORTS AVAILABLE  
UPON REQUEST

TYPE  
"A", "B", "C", "D", "E" & "F"  
(SEE OTHER SIDE PAGE 13-131.1)

FOR ADJUSTMENT CONTROL  
OPTIONS SEE PAGE 0-050.0



## MOTOR MOUNT COUNTERBALANCE

### DESCRIPTION

THIS UNIT IS A COUNTERBALANCE VALVE TO MOUNT ON TO A LOW SPEED HIGH TORQUE HYDRAULIC MOTOR SUCH AS EATON, WHITE, PARKER (HPI & ROSS), DANFOSS, ETC. WITH MANIFOLD MOUNTING DIMENSIONS SPECIFIED ON PAGE 13-010.0

SEE PAGE 8-053.0 FOR MORE INFORMATION ON PERFORMANCE DATA AND OTHER OPTIONS OF THE CARTRIDGE #CBPA-12-N-S-0-XX.

### OPERATIONS

TYPE	PORT COUNTERBALANCED	CARTRIDGE VALVE
A	"A"	CBPA-12-X-X-0-XX
B	"B"	CBPA-12-X-X-0-XX
C	"A" & "B"	CBPA-12-X-X-0-XX
D	"A"	WITH BRAKE SHUTTLE
E	"B"	WITH BRAKE SHUTTLE
F	"A" & "B"	WITH BRAKE SHUTTLE

### SPECIFICATIONS

OPERATING PRESSURE: 3000 PSI [210 BAR].

OPERATING TEMPERATURE: -40 TO +250 F [-40 TO +120 C].

OPERATING MEDIA: ALL GENERAL PURPOSE HYDRAULIC FLUIDS.

BRAKE PORT WHEN REQUIRED IS SAE-#4 (7/16"-20 UNF THD.)

MATERIAL: ANODIZED ALUMINIUM ALLOY BODY.

PILOT RATIO: 4 TO 1.

OPTIONAL: PROVISIONS CAN BE MADE TO CLEAR THE MOUNTING BOLT ON THE SAE "A" FLANGE MOUNT MOTOR WITH MOUNTING HOLE ON THE SAME SIDE AS THE WORKING PORTS "A" AND "B".

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MANIFOLD MOUNT MOTOR PORTS

