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 DROP (ΔP)

L/M (28.5 cSt)

33.6 45.0 67.6 90 112.6 135

PILOTED OPEN

FREE FLOW

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

Reference: 520-P-131310-EN-00/09.2015
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

<table>
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<th>TYPE</th>
<th>PORT COUNTERBALANCED</th>
<th>CARTRIDGE VALVE</th>
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<tbody>
<tr>
<td>A</td>
<td>&quot;A&quot;</td>
<td>CBPA-12-X-X-0-XX</td>
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<tr>
<td>B</td>
<td>&quot;B&quot;</td>
<td>CBPA-12-X-X-0-XX</td>
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<tr>
<td>C</td>
<td>&quot;A&quot; &amp; &quot;B&quot;</td>
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<tr>
<td>D</td>
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<tr>
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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".