

# HYDRAULIC POWER UNITS

## CONTINUOUS DUTY POWER UNIT NOMENCLATURE

| Series      | Motor & Voltage | Valve      | Valve Type | Unload Valve | Suction  | Pump CC   | Tank      | Special  |
|-------------|-----------------|------------|------------|--------------|----------|-----------|-----------|----------|
| <b>BP13</b> | <b>025AA</b>    | <b>132</b> | <b>Z-1</b> | <b>U</b>     | <b>H</b> | <b>42</b> | <b>5B</b> | <b>V</b> |



**MOCEN**®

### MOTOR

| 240v AC      |         |
|--------------|---------|
| <b>025AA</b> | 0.25 kW |
| <b>037AA</b> | 0.37 kW |
| <b>055AA</b> | 0.55 kW |
| <b>075AA</b> | 0.75 kW |
| <b>11AA</b>  | 1.1 kW  |
| <b>15AA</b>  | 1.5 kW  |
| <b>22AA</b>  | 2.2 kW  |
| <b>30AA</b>  | 3.0 kW  |
| <b>37AA</b>  | 3.7 kW  |
| 415v AC      |         |
| <b>025AC</b> | 0.25 kW |
| <b>037AC</b> | 0.37 kW |
| <b>055AC</b> | 0.55 kW |
| <b>075AC</b> | 0.75 kW |
| <b>11AC</b>  | 1.1 kW  |
| <b>15AC</b>  | 1.5 kW  |
| <b>22AC</b>  | 2.2 kW  |
| <b>30AC</b>  | 3.0 kW  |
| <b>37AC</b>  | 3.7 kW  |
| <b>40AC</b>  | 4.0 kW  |

Electric motors are 4 pole - more info on p58

### VALVE

|             |                                   |
|-------------|-----------------------------------|
| <b>010</b>  | P & T                             |
| <b>030</b>  | Single acting                     |
| <b>03M</b>  | Single acting w/ override         |
| <b>131</b>  | 1 x double acting                 |
| <b>132</b>  | 2 x double acting                 |
| <b>133</b>  | 3 x double acting                 |
| <b>132S</b> | 2 x double acting series manifold |
| <b>133S</b> | 3 x double acting series manifold |

### VALVE TYPE

| Dual Solenoid | Single Solenoid | Manual Lever | Description   | Voltage   |         |
|---------------|-----------------|--------------|---------------|-----------|---------|
| <b>Z</b>      | <b>ZA</b>       | <b>ZM</b>    | Closed Centre | <b>-1</b> | 12v DC  |
| <b>C</b>      | <b>CA</b>       | <b>CM</b>    | Tandem Centre | <b>-2</b> | 24v DC  |
| <b>H</b>      | <b>HA</b>       | <b>HM</b>    | Open Centre   | <b>-3</b> | 110v AC |
| <b>Y</b>      | <b>YA</b>       | <b>YM</b>    | A & B to T    | <b>-4</b> | 240v AC |
| <b>-</b>      | <b>S</b>        | <b>SM</b>    | Crossover S/A |           |         |

Technical info - see pages 247-259

### UNLOAD VALVE

|          |                 |
|----------|-----------------|
| <b>U</b> | Unload valve    |
| <b>-</b> | No unload valve |

### SUCTION

|          |                  |
|----------|------------------|
| <b>H</b> | Horizontal mount |
| <b>V</b> | Vertical mount   |

### PUMP

|           |        |
|-----------|--------|
| <b>09</b> | 0.9 cc |
| <b>12</b> | 1.2 cc |
| <b>17</b> | 1.7 cc |
| <b>21</b> | 2.1 cc |
| <b>27</b> | 2.7 cc |
| <b>32</b> | 3.2 cc |
| <b>37</b> | 3.7 cc |
| <b>42</b> | 4.2 cc |
| <b>48</b> | 4.8 cc |
| <b>58</b> | 5.8 cc |
| <b>70</b> | 7.0 cc |
| <b>80</b> | 8.0 cc |
| <b>98</b> | 9.8 cc |

Technical information - see page 59

### TANK

|           |            |
|-----------|------------|
| <b>2B</b> | MT2AB 7.5L |
| <b>3B</b> | MT3AB 10L  |
| <b>4B</b> | MT4AB 12L  |
| <b>5B</b> | MT5AB 15L  |
| <b>8B</b> | MT18AB 18L |
| <b>6B</b> | MT6AB 19L  |
| <b>4H</b> | HR4ABC 22L |
| <b>5H</b> | HR5ABC 30L |
| <b>6H</b> | HR6ABC 38L |

Technical information - see page 60

### SPECIAL

|             |                                |
|-------------|--------------------------------|
| <b>MPR</b>  | Motor pump w/ relief valve     |
| <b>MP</b>   | Motor pump no relief           |
| <b>SV</b>   | Sandwich valve                 |
| <b>SVHP</b> | Sandwich valve handpump        |
| <b>SVM</b>  | Sandwich valve manual override |
| <b>COV</b>  | Cetop override                 |
| <b>HP</b>   | Cetop handpump                 |
| <b>V</b>    | Vivoil pump                    |

Multiple special options separated by /