

# DAB Pump 2-3 NKVE 1 0 - 1 5 - 2 0 M C E

## SETS WITH MCE /P AT CONSTANT PRESSURE

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Boosters composed by N. 2-3 multistage vertical electropumps NKVE MCE, each driven by an **MCE/P** inverter.

### MAIN CHARACTERISTICS

INOX AISI 304 impellers, All the parts in contact with liquid are stainless. Threephase asynchronous motor, rigid coupling motor-pump.

### MECHANICAL HYDRAULICAL PART

Galvanised baseplate for all pumps  
Inox AISI 304 suction and delivery manifolds.

Stop valves on each pump's suction, stop valves and not return valves on each pump's delivery.  
n. 2-3 pressure vessels on delivery manifold.

### ELECTRIC PART

n.1 MCE/P inverter on each pump  
n.1 protection control unit on baseplate  
n.1 pressure transmitter on delivery manifold



## TECHNICAL DATA

| MODEL                    | CODE     | ELECTRICAL DATA |            |       |         | MCE TYPE | FLOW RATE<br>m3/h | MAX PRESSURE<br>OBTAINABLE<br>BAR | STANDARD<br>PRESSURE |
|--------------------------|----------|-----------------|------------|-------|---------|----------|-------------------|-----------------------------------|----------------------|
|                          |          | VOLTAGE 50 Hz   | P2 NOMINAL |       | In<br>A |          |                   |                                   |                      |
|                          |          |                 | kW         | HP    |         |          |                   |                                   |                      |
| 2NKVE 10/5 M MCE 400-50  | 60148092 | 1 X 230V ~      | 2x2.2      | 2x3   | 2x15.2  | MCE22/P  | 26                | 5                                 | 4.0                  |
| 2NKVE 10/6 M MCE 400-50  | 60148093 | 1 X 230V ~      | 2x2.2      | 2x3   | 2x17.9  | MCE22/P  | 26                | 6                                 | 5.0                  |
| 2NKVE 10/7 T MCE 400-50  | 60148094 | 3 X 400 V ~     | 2x3        | 2x4   | 2x7.37  | MCE30/P  | 26                | 7                                 | 6                    |
| 2NKVE 10/8 T MCE 400-50  | 60148095 | 3 X 400 V ~     | 2x3        | 2x4   | 2x7.37  | MCE30/P  | 26                | 8                                 | 6.5                  |
| 2NKVE 10/9 T MCE 400-50  | 60148096 | 3 X 400 V ~     | 2x3        | 2x4   | 2x7.37  | MCE30/P  | 26                | 9                                 | 7.7                  |
| 2NKVE 10/10 T MCE 400-50 | 60148097 | 3 X 400 V ~     | 2x4        | 2x5.5 | 2x10.1  | MCE55/P  | 26                | 10                                | 8.5                  |
| 2NKVE 10/12 T MCE 400-50 | 60148098 | 3 X 400 V ~     | 2x4        | 2x5.5 | 2x10.1  | MCE55/P  | 26                | 12                                | 10                   |
| 2NKVE 10/14 T MCE 400-50 | 60148099 | 3 X 400 V ~     | 2x5.5      | 2x7.5 | 2x13.1  | MCE55/P  | 26                | 14                                | 10                   |
| 2NKVE 15/3 T MCE 400-50  | 60148100 | 3 X 400 V ~     | 2x3        | 2x4   | 2x7.37  | MCE30/P  | 48                | 4                                 | 3.5                  |
| 2NKVE 15/4 T MCE 400-50  | 60148101 | 3 X 400 V ~     | 2x4        | 2x5.5 | 2x10.1  | MCE55/P  | 48                | 5                                 | 4                    |
| 2NKVE 15/5 T MCE 400-50  | 60148102 | 3 X 400 V ~     | 2x4        | 2x5.5 | 2x10.1  | MCE55/P  | 48                | 6.5                               | 5                    |
| 2NKVE 15/6 T MCE 400-50  | 60148103 | 3 X 400 V ~     | 2x5.5      | 2x7.5 | 13,1    | MCE55/P  | 48                | 7.5                               | 6.5                  |
| 2NKVE 15/7 T MCE 400-50  | 60148104 | 3 X 400 V ~     | 2x5.5      | 2x7.5 | 2x13.1  | MCE55/P  | 48                | 9                                 | 8                    |
| 2NKVE 15/8 T MCE 400-50  | 60148115 | 3 X 400 V ~     | 2x7.5      | 2x10  | 2x17.6  | MCE110/P | 48                | 11                                | 10                   |
| 2NKVE 15/9 T MCE 400-50  | 60148105 | 3 X 400 V ~     | 2x7.5      | 2x10  | 2x17.6  | MCE110/P | 48                | 12                                | 11                   |
| 2NKVE 15/10 T MCE 400-50 | 60148106 | 3 X 400 V ~     | 2x11       | 2x15  | 2x25.5  | MCE110/P | 48                | 13                                | 12                   |
| 2NKVE 20/3 T MCE 400-50  | 60148107 | 3 X 400 V ~     | 2x4        | 2x5.5 | 2x10.1  | MCE55/P  | 58                | 4                                 | 3.5                  |
| 2NKVE 20/4 T MCE 400-50  | 60148108 | 3 X 400 V ~     | 2x5.5      | 2x7.5 | 2x13.1  | MCE55/P  | 58                | 6                                 | 5                    |
| 2NKV 20/5 T MCE 400-50   | 60148109 | 3 X 400 V ~     | 2x5.5      | 2x7.5 | 2x13.1  | MCE55/P  | 58                | 7                                 | 6                    |
| 2NKVE 20/6 T MCE 400-50  | 60148110 | 3 X 400 V ~     | 2x7.5      | 2x10  | 2x17.6  | MCE110/P | 58                | 8.5                               | 7.5                  |
| 2NKVE 20/7 T MCE 400-50  | 60148111 | 3 X 400 V ~     | 2x7.5      | 2x10  | 2x17.6  | MCE110/P | 58                | 10                                | 9                    |
| 2NKVE 20/8 T MCE 400-50  | 60148112 | 3 X 400 V ~     | 2x11       | 2x15  | 2x25.5  | MCE110/P | 58                | 11.5                              | 10                   |
| 2NKVE 20/9 T MCE 400-50  | 60148113 | 3 X 400 V ~     | 2x11       | 2x15  | 2x25.5  | MCE110/P | 58                | 13                                | 12                   |
| 2NKVE 20/10 T MCE 400-50 | 60148114 | 3 X 400 V ~     | 2x11       | 2x15  | 2x25.5  | MCE110/P | 58                | 14                                | 13                   |

| MODEL                    | CODE     | ELECTRICAL DATA |            |       |         | MCE TYPE | FLOW RATE<br>m3/h | MAX PRESSURE<br>OBTAINABLE<br>BAR | STANDARD<br>PRESSURE |
|--------------------------|----------|-----------------|------------|-------|---------|----------|-------------------|-----------------------------------|----------------------|
|                          |          | VOLTAGE 50 Hz   | P2 NOMINAL |       | In<br>A |          |                   |                                   |                      |
|                          |          |                 | kW         | HP    |         |          |                   |                                   |                      |
| 3NKVE 10/5 M MCE 400-50  | 60148118 | 1 X 230V ~      | 3x2.2      | 3x3   | 3x15.2  | MCE22/P  | 39                | 5                                 | 4.0                  |
| 3NKVE 10/6 M MCE 400-50  | 60148119 | 1 X 230V ~      | 3x2.2      | 3x3   | 3x17.9  | MCE22/P  | 39                | 6                                 | 5.0                  |
| 3NKVE 10/7 T MCE 400-50  | 60148120 | 3 X 400 V ~     | 3x3        | 3x4   | 3x7.37  | MCE30/P  | 39                | 7                                 | 6                    |
| 3NKVE 10/8 T MCE 400-50  | 60148121 | 3 X 400 V ~     | 3x3        | 3x4   | 3x7.37  | MCE30/P  | 39                | 8                                 | 6.5                  |
| 3NKVE 10/9 T MCE 400-50  | 60148122 | 3 X 400 V ~     | 3x3        | 3x4   | 3x7.37  | MCE30/P  | 39                | 9                                 | 7.7                  |
| 3NKVE 10/10 T MCE 400-50 | 60148123 | 3 X 400 V ~     | 3x4        | 3x5.5 | 3x10.1  | MCE55/P  | 39                | 10                                | 8.5                  |
| 3NKVE 10/12 T MCE 400-50 | 60148124 | 3 X 400 V ~     | 3x4        | 2x5.5 | 3x10.1  | MCE55/P  | 39                | 12                                | 10                   |
| 3NKVE 10/14 T MCE 400-50 | 60148125 | 3 X 400 V ~     | 3x5.5      | 3x7.5 | 3x13.1  | MCE55/P  | 39                | 14                                | 10                   |
| 3NKVE 15/3 T MCE 400-50  | 60148126 | 3 X 400 V ~     | 3x3        | 3x4   | 3x7.37  | MCE30/P  | 72                | 4                                 | 3.5                  |
| 3NKVE 15/4 T MCE 400-50  | 60148127 | 3 X 400 V ~     | 3x4        | 3x5.5 | 3x10.1  | MCE55/P  | 72                | 5                                 | 4                    |
| 3NKVE 15/5 T MCE 400-50  | 60148128 | 3 X 400 V ~     | 3x4        | 3x5.5 | 3x10.1  | MCE55/P  | 72                | 6.5                               | 5                    |
| 3NKVE 15/6 T MCE 400-50  | 60148129 | 3 X 400 V ~     | 3x5.5      | 3x7.5 | 3x13.1  | MCE55/P  | 72                | 7.5                               | 6.5                  |
| 3NKVE 15/7 T MCE 400-50  | 60148130 | 3 X 400 V ~     | 3x5.5      | 3x7.5 | 3x13.1  | MCE55/P  | 72                | 9                                 | 8                    |
| 3NKVE 15/8 T MCE 400-50  | 60148131 | 3 X 400 V ~     | 3x7.5      | 3x10  | 3x17.6  | MCE110/P | 72                | 11                                | 10                   |
| 3NKVE 15/9 T MCE 400-50  | 60148132 | 3 X 400 V ~     | 3x7.5      | 3x10  | 3x17.6  | MCE110/P | 72                | 12                                | 11                   |
| 3NKVE 15/10 T MCE 400-50 | 60148133 | 3 X 400 V ~     | 3x11       | 3x15  | 3x25.5  | MCE110/P | 72                | 13                                | 12                   |
| 3NKVE 20/3 T MCE 400-50  | 60148134 | 3 X 400 V ~     | 3x4        | 3x5.5 | 3x10.1  | MCE55/P  | 87                | 4                                 | 3.5                  |
| 3NKVE 20/4 T MCE 400-50  | 60148135 | 3 X 400 V ~     | 3x5.5      | 3x7.5 | 3x13.1  | MCE55/P  | 87                | 6                                 | 5                    |
| 3NKVE 20/5 T MCE 400-50  | 60148136 | 3 X 400 V ~     | 3x5.5      | 3x7.5 | 3x13.1  | MCE55/P  | 87                | 7                                 | 6                    |
| 3NKVE 20/6 T MCE 400-50  | 60148137 | 3 X 400 V ~     | 3x7.5      | 3x10  | 3x17.6  | MCE110/P | 87                | 8.5                               | 7.5                  |
| 3NKVE 20/7 T MCE 400-50  | 60148138 | 3 X 400 V ~     | 3x7.5      | 3x10  | 3x17.6  | MCE110/P | 87                | 10                                | 9                    |
| 3NKVE 20/8 T MCE 400-50  | 60148139 | 3 X 400 V ~     | 3x11       | 3x15  | 3x25.5  | MCE110/P | 87                | 11.5                              | 10                   |
| 3NKVE 20/9 T MCE 400-50  | 60148140 | 3 X 400 V ~     | 3x11       | 3x15  | 3x25.5  | MCE110/P | 87                | 13                                | 12                   |
| 3NKVE 20/10 T MCE 400-5  | 60148141 | 3 X 400 V ~     | 3x11       | 3x15  | 3x25.5  | MCE110/P | 87                | 14                                | 13                   |