

# PM3LIS

|             |                               |
|-------------|-------------------------------|
| MOTOR       | Permanent magnet DC motor     |
| PROTECTION  | Totally enclosed (IP54)       |
| GEARBOX     | In-line spur (LIS)            |
| MOTOR POWER | 33 - 150 Watts                |
| SPEED       | 4 - 667 rpm                   |
| VOLTAGE     | 12V - 220V DC available range |
| WEIGHT      | 5.76 kg                       |
| RADIAL LOAD | 265 N                         |
| AXIAL LOAD  | 177 N                         |
| SHAFT TYPE  | Single ended shaft            |
| EXTRAS      | See page 36                   |



See page 158 to specify shaft and gearbox position

| Motor Power Cont. (W)  |            | 33                 | 45   | 68   | 90   | TORQUE (Nm) |        |           |
|------------------------|------------|--------------------|------|------|------|-------------|--------|-----------|
| Motor Power 1 Hour (W) |            | 45                 | 60   | 90   | 120  |             |        |           |
| Motor Power 15 Min (W) |            | 60                 | 90   | 120  | 150  |             |        |           |
| RATIO PINION           | RATIO SPUR | MOTOR SPEED (rpm)  |      |      |      | CONTINUOUS  | 1 HOUR | 15 MINUTE |
|                        |            | 1500               | 2000 | 3000 | 4000 |             |        |           |
|                        |            | OUTPUT SPEED (rpm) |      |      |      |             |        |           |
| 3                      | 115        | 4                  | 6    | 9    | 12   | 54          | 71     | 74        |
| 2                      | 115        | 7                  | 9    | 13   | 17   | 36          | 47     | 63        |
| 3                      | 56         | 9                  | 12   | 18   | 24   | 28          | 37     | 49        |
| 1                      | 115        | 13                 | 17   | 26   | 35   | 18          | 24     | 32        |
| 3                      | 25         | 20                 | 27   | 40   | 53   | 12          | 16     | 22        |
| 1                      | 56         | 27                 | 36   | 54   | 71   | 9           | 12     | 16        |
| 2                      | 25         | 30                 | 40   | 60   | 80   | 8           | 11     | 15        |
| 1                      | 25         | 60                 | 80   | 120  | 160  | 4           | 5      | 7         |
| 3                      | 6          | 83                 | 111  | 167  | 222  | 3           | 4      | 5         |
| 2                      | 6          | 125                | 167  | 250  | 333  | 2           | 3      | 4         |
| 1                      | 6          | 250                | 333  | 500  | 667  | 1           | 1      | 2         |

