

# TEXMO



أداء يمكنك الوثوق  
PERFORMANCE YOU CAN TRUST



## TEXMO Centrifugal Monoblock Pump for Agriculture

### Applications

- Agricultural
- Irrigation of Fields/Farms
- Industries
- Housing complexes
- Fire fighting system
- Community water supply

### Performance Range

- Flow : Up to 160 M/h
- Head: 80m
- Speed 2900 rpm
- Power 2.2Kw - 37Kw

### Application Limits

- Manometric Suction Lift Up to 8m
- Liquid Temperature between 0°C to 105°C
- Ambient Temperature Up to 40°C
- Max. Working Pressure 10 Bar

### Pump Selection Chart

| Model   | Power |     | Phase       | Inlet Outlet | Max. Flow (M <sup>3</sup> /h) | Max. Head (m) |
|---------|-------|-----|-------------|--------------|-------------------------------|---------------|
|         | KW    | HP  |             |              |                               |               |
| TCM-5.5 | 4     | 5.5 | Three Phase | 2.5" x 2.5"  | 25                            | 32            |
| TCM5.5A | 4     | 5.5 |             | 3" x 3"      | 66                            | 16            |
| TCM-7.5 | 5.5   | 7.5 |             | 2.5" x 2.5"  | 50                            | 28            |
| TCM7.5A | 5.5   | 7.5 |             | 3" x 3"      | 80                            | 25            |
| TCM-10  | 7.5   | 10  |             | 3" x 3"      | 50                            | 32            |
| TCM-15  | 11    | 15  |             | 3" x 3"      | 47                            | 44            |
| TCM-15A | 11    | 15  |             | 3" x 3"      | 180                           | 26.5          |
| TCM-20  | 15    | 20  |             | 3" x 3"      | 160                           | 32            |
| TCM-20A | 15    | 20  |             | 4" x 3"      | 180                           | 30            |
| TCM-25  | 18.5  | 25  |             | 3" x 3"      | 141                           | 44            |
| TCM-25A | 18.5  | 25  |             | 4" x 3"      | 180                           | 36            |
| TCM-30  | 22    | 30  |             | 3" x 3"      | 120                           | 50            |
| TCM-30A | 22    | 30  |             | 4" x 3"      | 180                           | 39            |
| TCM-40  | 30    | 40  |             | 4" x 4"      | 140                           | 45            |
| TCM-50  | 37    | 50  |             | 4" x 4"      | 100                           | 80            |

### Hydraulic Pump Performance Chart

| Model    | Power |     | Q        | US GPM | 0  | 22   | 44   | 66   | 88   | 110  | 132  | 154  | 176  | 193  | 220  |
|----------|-------|-----|----------|--------|----|------|------|------|------|------|------|------|------|------|------|
|          | KW    | HP  |          | M³/H   | 0  | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
|          |       |     |          | LPM    | 0  | 83   | 167  | 250  | 333  | 417  | 500  | 583  | 667  | 750  | 834  |
| TCM-5.5  | 4     | 5.5 | H Meters |        | 32 | 31   | 30   | 28   | 26   | 24   |      |      |      |      |      |
| TCM-7.5  | 5.5   | 7.5 |          |        | 28 | 27   | 26   | 25   | 24   | 22   | 20   | 19   | 18   | 16   | 15   |
| TCM-10   | 7.5   | 10  |          |        | 32 | 31   | 30   | 28   | 26   | 24   | 22   | 20   | 18   | 16   | 15   |
| TCM-15   | 11    | 15  |          |        | 44 | 43   | 42   | 41   | 38   | 35   | 32   | 30   | 28   | 26   |      |
| Model    | Power |     | Q        | US GPM | 0  | 44   | 88   | 132  | 176  | 220  | 264  | 286  | 308  | 352  | 374  |
|          | KW    | HP  |          | M³/H   | 0  | 10   | 20   | 30   | 40   | 50   | 60   | 65   | 70   | 80   | 85   |
|          |       |     |          | LPM    | 0  | 167  | 333  | 500  | 667  | 834  | 1000 | 1084 | 1167 | 1334 | 1417 |
| TCM-5.5A | 4     | 5.5 | H Meters |        | 16 | 15.5 | 14.5 | 13   | 12   | 10   | 4    | 2    |      |      |      |
| TCM-7.5A | 5.5   | 7.5 |          |        | 25 | 24.5 | 24   | 23   | 22   | 19   | 15   | 13   | 12   | 2    |      |
| Model    | Power |     | Q        | US GPM | 0  | 88   | 176  | 264  | 354  | 441  | 528  | 618  | 705  | 793  | 872  |
|          | KW    | HP  |          | M³/H   | 0  | 20   | 40   | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 198  |
|          |       |     |          | LPM    | 0  | 333  | 667  | 1000 | 1340 | 1670 | 2000 | 2340 | 2670 | 3000 | 3300 |
| TCM-15A  | 11    | 15  | H Meters |        | 27 | 26   | 26   | 25   | 24   | 22   | 20   | 18   | 16   | 12   |      |
| TCM-20A  | 15    | 20  |          |        | 30 | 30   | 30   | 29   | 28   | 26   | 24   | 22   | 19   | 13   |      |
| TCM-20   | 15    | 20  |          |        | 32 | 31   | 30   | 28   | 26   | 24   | 22   | 20   | 17   |      |      |
| TCM-25A  | 18.5  | 25  |          |        | 36 | 35   | 35   | 35   | 34   | 33   | 30   | 27   | 24   | 18   | 12   |
| TCM-25   | 18.5  | 25  |          |        | 44 | 42   | 40   | 38   | 36   | 32   | 28   | 24   |      |      |      |
| TCM-30A  | 22    | 30  |          |        | 39 | 39   | 39   | 39   | 38   | 38   | 36   | 34   | 32   | 29   | 27   |
| TCM-30   | 22    | 30  |          |        | 50 | 48   | 45   | 42   | 38   | 32   | 27   |      |      |      |      |
| TCM-40   | 30    | 40  |          |        | 45 | 42   | 40   | 38   | 36   | 34   | 32   | 30   |      |      |      |
| TCM-50   | 37    | 50  |          |        | 80 | 76   | 70   | 62   | 49   | 30   |      |      |      |      |      |



**TEXMO**

MARKETING BY : MAJESTIC PRIDE INDUSTRY  
INDIA - U.A.E - OMAN  
[www.mpgtc.com](http://www.mpgtc.com), E-mail : [sales@mpgtc.com](mailto:sales@mpgtc.com)

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