

PERISTALTIC PUMPS



PERISTALTIC PUMPS SERIES MP

The peristaltic pump's operation is obtained through a "flow pressure" which acts on a flexible pipe; such flow pressure is exercised by some rollers which turn parallel to the axis, supported by a roller holder. The slow rotary motion of the roller holder support is transmitted by a two or three passages motor reducer at 35, 86 or 141 rpm's, equipped with a 0.09 KW (1/8 CV) MEC-56 electric motor with a continuous service speed of 1450 rpm's.

The inner part of the pump's body and the roller holder are lathed with a precision tolerance, individually gauged during assembly and during the subsequent inspection in order to distribute a uniform pressure on the pipe-membrane, thus guaranteeing a perfect self-priming and a longer life of the pipe-membrane. There are no valves or shutters.

The NORTON pipes are extruded with a high precision in order to avoid occlusions and to obtain a lesser volumetric yield. Easy to clean and maintain.

Very sturdy construction, alu-casting pump body, painted with epoxy resin. Anodized aluminum roller holder, over dimensioned axes and bearings.

Maximum suction height: about 8 meters with a pipe up to \varnothing 12.7 mm., and about 6 meters with a \varnothing 15.9 mm pipe.

Maximum allowed pressure for the pipe: 1.4 Kg/cm².

Maximum temperature 60°C.

These pumps can pump viscous liquids with suspended particles, without any damage. They withhold the liquid within their passage, they prevent liquid reflux and the "siphon" effect. They may work under dry conditions and invert the sense or rotation.



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MP-3 series

| TYPE | FLOW RATE LITRES/HOUR | Kw R.P.M. | VOLTAGE | Ø Inside dia./ wall PIPE/MEMBRANE | PIPE/MEMBRANE MATERIAL | WEIGHT KG |
|-----------|--------------------------|-----------------|----------------------|--------------------------------------|---------------------------|-----------|
| MP-3035.6 | 16 | 0,09 Kw 35 rpm | 220 S.ph. 380/220 | 6,4 x 3,2 | N/NA/TY | 6 |
| MP-3035.9 | 31 | 0,09 Kw 35 rpm | 220 S.ph. 380/220 | 9,5 x 3,2 | N/NA/TY/Ph | 6 |
| MP-3086.6 | 40 | 0,09 Kw 86 rpm | 220 S.ph. 380/220 | 6,4 x 3,2 | N/NA/TY | 6 |
| MP-3086.9 | 78 | 0,09 Kw 86 rpm | 220 S.ph. 380/220 | 9,5 x 3,2 | N/NA/TY/Ph | 6 |
| MP-3118.6 | 56 | 0,09 Kw 118 rpm | 220 S.ph. 380/220 | 6,4 x 3,2 | N/NA/TY | 6 |
| MP-3118.9 | 103 | 0,09 Kw 118 rpm | 220 S.ph. 380/220 | 9,5 x 3,2 | N/NA/TY/Ph | 6 |

MP-6 series

| TYPE | FLOW RATE LITRES/HOUR | Kw R.P.M. | VOLTAGE | Ø Inside dia./ wall PIPE/MEMBRANE | PIPE/MEMBRANE MATERIAL | WEIGHT KG |
|------------|--------------------------|-----------------|----------------------|--------------------------------------|---------------------------|-----------|
| MP-6035.9 | 40 | 0,09 Kw 35 rpm | 220 S.ph. 380/220 | 9,5 x 3,2 | N/NA/TY/Ph | 7 |
| MP-6035.12 | 70 | 0,09 Kw 35 rpm | 220 S.ph. 380/220 | 12,7 x 3,2 | N/NA/TY | 7 |
| MP-6086.9 | 108 | 0,09 Kw 86 rpm | 220 S.ph. 380/220 | 9,5 x 3,2 | N/NA/TY/Ph | 7 |
| MP-6086.12 | 177 | 0,09 Kw 86 rpm | 220 S.ph. 380/220 | 12,7 x 3,2 | N/NA/TY | 7 |
| MP-6118.9 | 134 | 0,09 Kw 118 rpm | 220 S.ph. 380/220 | 9,5 x 3,2 | N/NA/TY/Ph | 7 |
| MP-6118.12 | 226 | 0,09 Kw 118 rpm | 220 S.ph. 380/220 | 12,7 x 3,2 | N/NA/TY | 7 |

MP-8 series

| TYPE | FLOW RATE LITRES/HOUR | Kw R.P.M. | VOLTAGE | Ø Inside dia./ wall PIPE/MEMBRANE | PIPE/MEMBRANE MATERIAL | WEIGHT KG |
|------------|--------------------------|-----------------|-----------------------|--------------------------------------|---------------------------|-----------|
| MP-8035.12 | 101 | 0,09 Kw 35 rpm | 230 Monof. 230/400 | 12,7 x 3,2 | N/NA/TY | 8 |
| MP-8035.16 | 140 | 0,09 Kw 35 rpm | 230 Monof. 230/400 | 15,9 x 3,2 | N/NA | 8 |
| MP-8086.12 | 245 | 0,09 Kw 86 rpm | 230 Monof. 230/400 | 12,7 x 3,2 | N/NA/TY | 8 |
| MP-8086.16 | 364 | 0,09 Kw 86 rpm | 230 Monof. 230/400 | 15,9 x 3,2 | N/NA | 8 |
| MP-8118.12 | 352 | 0,09 Kw 118 rpm | 230 Monof. 230/400 | 12,7 x 3,2 | N/NA/TY | 8 |
| MP-8118.16 | 462 | 0,09 Kw 118 rpm | 230 Monof. 230/400 | 15,9 x 3,2 | N/NA | 8 |

* Available with pipes made of [N=NORPRENE] [NA=NORPRENE SUITABLE FOR FOOD] [TY=TYGON] [Ph=PHARMED] produced by NORTON®