# MH

## Multistage Centrifugal Pump Hot Water Circulatron

# MH-EA

## Inverter Booster Pump Hot Water



MH



MH-EA

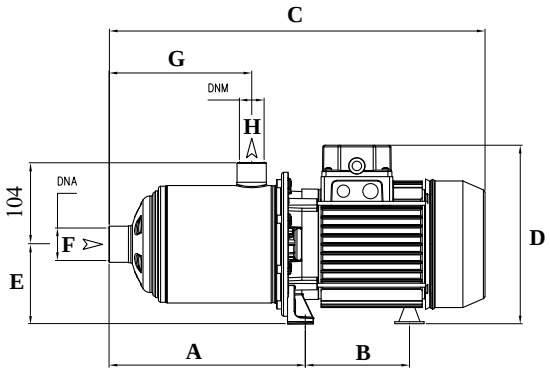
## Horizontal multistage stainless steel pump

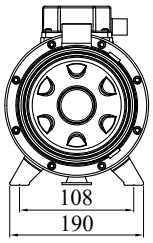
MH200\MH400\MH800\MH1600

Application:
Water supply and pressure boosting high head
Hot water circulation and heating system using
Air-conditioning systems application Industrial circulation systems
Wasing and spinking systems
For various machinery

## Material

| | |
|---|---|
| Pump body | AISI304 |
| Impeller | AISI304 |
| Shaft | AISI304 |
| Mechanical seal | Silicon carbide graphite |
| Bearing | -50-200°C high quality |
| Motor | F class copper motor |




| Model | Pump Overall dimension | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | | C | | D | | E | | F | G | H |
| | | 1~220V | 3~380V | 1~220V | 3~380V | 1~220V | 3~380V | 1~220V | 3~380V | | | |
| | mm | | | | | | | | | | | |
| 202 | 205 | 70 | 70 | 377 | 377 | 206 | 225 | 90 | 90 | Rp1 | 110 | Rp1 |
| 203 | 205 | 88 | 70 | 418 | 377 | 206 | 225 | 90 | 90 | Rp1 | 110 | Rp1 |
| 204 | 229 | 88 | 88 | 418 | 418 | 206 | 225 | 90 | 90 | Rp1 | 134 | Rp1 |
| 205 | 253 | 88 | 88 | 442 | 442 | 206 | 225 | 90 | 90 | Rp1 | 158 | Rp1 |
| 206 | 277 | 88 | 88 | 474 | 466 | 206 | 225 | 90 | 90 | Rp1 | 182 | Rp1 |
| 402 | 205 | 70 | 70 | 377 | 377 | 206 | 225 | 90 | 90 | Rp1-1/2 | 110 | Rp1 |
| 403 | 205 | 88 | 88 | 418 | 418 | 206 | 225 | 90 | 90 | Rp1-1/2 | 110 | Rp1 |
| 404 | 229 | 88 | 88 | 442 | 442 | 206 | 225 | 90 | 90 | Rp1-1/2 | 134 | Rp1 |
| 405 | 253 | 88 | 88 | 474 | 474 | 206 | 225 | 90 | 90 | Rp1-1/2 | 158 | Rp1 |
| 406 | 277 | 106 | 88 | 498 | 498 | 206 | 225 | 90 | 90 | Rp1-1/2 | 182 | Rp1 |
| 802 | 217 | 88 | 88 | 406 | 406 | 206 | 225 | 90 | 90 | Rp1-1/2 | 122 | Rp1-1/4 |
| 803 | 217 | 88 | 88 | 436 | 444 | 206 | 225 | 90 | 90 | Rp1-1/2 | 122 | Rp1-1/4 |
| 804 | 247 | 106 | 88 | 450 | 474 | 232 | 225 | 90 | 90 | Rp1-1/2 | 152 | Rp1-1/4 |
| 805 | 277 | - | 106 | - | 480 | - | 237 | - | 90 | Rp1-1/2 | 182 | Rp1-1/4 |
| 1602 | 237 | - | 106 | - | 440 | - | 237 | - | 90 | Rp2 | 138 | Rp1-1/2 |
| 1603 | 237 | - | 106 | - | 440 | - | 237 | - | 90 | Rp2 | 138 | Rp1-1/2 |
| 1604 | 282 | - | 147 | - | 529 | - | 270 | - | 90 | Rp2 | 138 | Rp1-1/2 |

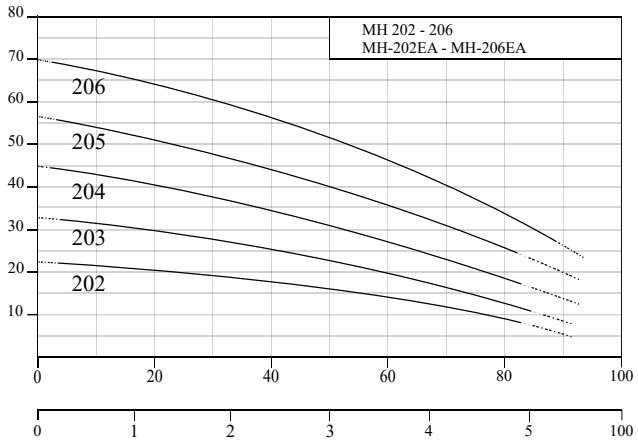
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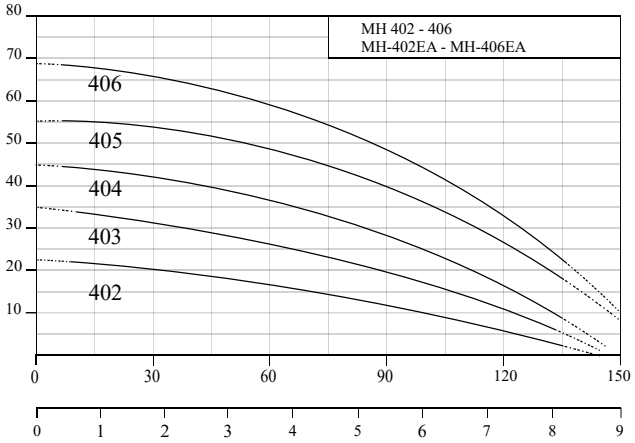
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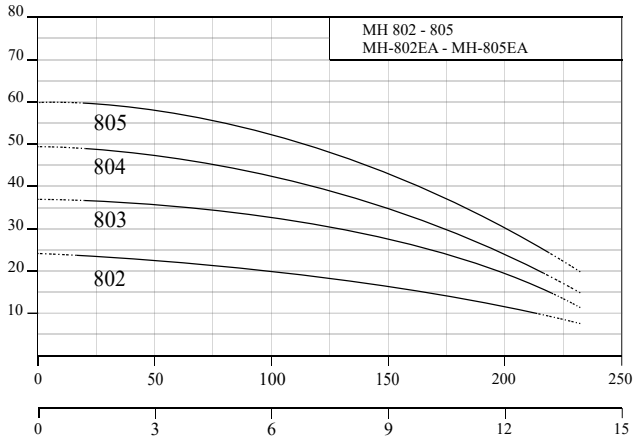
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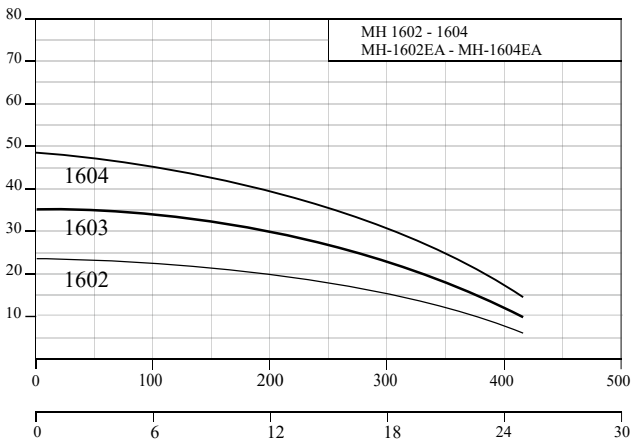
## Inverter Booster Pump Hot Water

## Performance curve




| MODEL | | POWER | | MAX.HEAD | RATED.HEAD (m) | MAX.FLOW | RATED.FLOW (L/min) | SPEEP (rpm) | INLET OUTLET |
|---|---|---|---|---|---|---|---|---|---|
| MH | MH-EA | kW | HP | | | | | | |
| MH-202 (T) | MH-202EA | 0.37 | 0.5 | 22 | 20 | 85 | 35 | 2900 | 1"x1" |
| MH-203 (T) | MH-203EA | 0.55 | 0.75 | 33 | 30 | 85 | 35 | 2900 | 1"x1" |
| MH-204 (T) | MH-204EA | 0.55 | 0.75 | 45 | 38 | 85 | 35 | 2900 | 1"x1" |
| MH-205 (T) | MH-205EA | 0.75 | 1 | 54 | 47 | 85 | 35 | 2900 | 1"x1" |
| MH-206 (T) | MH-206EA | 1.1 | 1.5 | 69 | 60 | 85 | 35 | 2900 | 1"x1" |
| MH-402 (T) | MH-402EA | 0.37 | 0.5 | 23 | 18 | 135 | 70 | 2900 | 1½"x1" |
| MH-403 (T) | MH-403EA | 0.55 | 0.75 | 33 | 27 | 135 | 70 | 2900 | 1½"x1" |
| MH-404 (T) | MH-404EA | 0.75 | 1 | 42 | 38 | 135 | 70 | 2900 | 1½"x1" |
| MH-405 (T) | MH-405EA | 1.1 | 1.5 | 57 | 46 | 135 | 70 | 2900 | 1½"x1" |
| MH-406 (T) | MH-406EA | 1.5 | 2 | 68 | 55 | 135 | 70 | 2900 | 1½"x1" |
| MH-802 (T) | MH-802EA | 0.75 | 1 | 23 | 17 | 200 | 135 | 2900 | 1½"x1¼" |
| MH-803 (T) | MH-803EA | 1.1 | 1.5 | 36 | 24 | 200 | 135 | 2900 | 1½"x1¼" |
| MH-804 (T) | MH-804EA | 1.5 | 2 | 48 | 35 | 200 | 135 | 2900 | 1½"x1¼" |
| MH-805 (T) | MH-805EA | 1.85 | 2.5 | 59 | 47 | 200 | 135 | 2900 | 1½"x1¼" |
| MH-1602 (T) | MH-1602EA | 1.5 | 2 | 24 | 16 | 435 | 270 | 2900 | 2"x1½" |
| MH-1603 (T) | MH-1603EA | 1.85 | 2.5 | 36 | 27 | 435 | 270 | 2900 | 2"x1½" |
| MH-1604 (T) | MH-1604EA | 2.2 | 3 | 48 | 33 | 435 | 270 | 2900 | 2"x1½" |

(T) : Three Phase model
The max liquit temperature: +100°C