

MPX SERIES

Magnetic Drive Pump

MPX series magnetic drive pump is of traditional design which is suitable to use for many application.



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MODEL IDENTIFICATION

MPX - 100 M G A R V
 ① ② ③ ④ ⑤ ⑥ ⑦

| | | | |
|----------------------|--|--------------------|---------------------------------|
| ① Series Symbol | MPX | ⑤ Shaft Material | A: CERAMIC S: SSIC |
| ② Specification | 70 100 | ⑥ Bearing Material | C: CARBON R: PTFE S: SSIC |
| ③ Type of Connection | Non-code means the ordinary type, M means the thred mouthpiece. | ⑦ O-Ring Material | E: EPDM V: VITON K: FFKM |
| ④ Casing Material | G: GFRPP C: CFRPP P:PVDF E:CFRETFE | | |

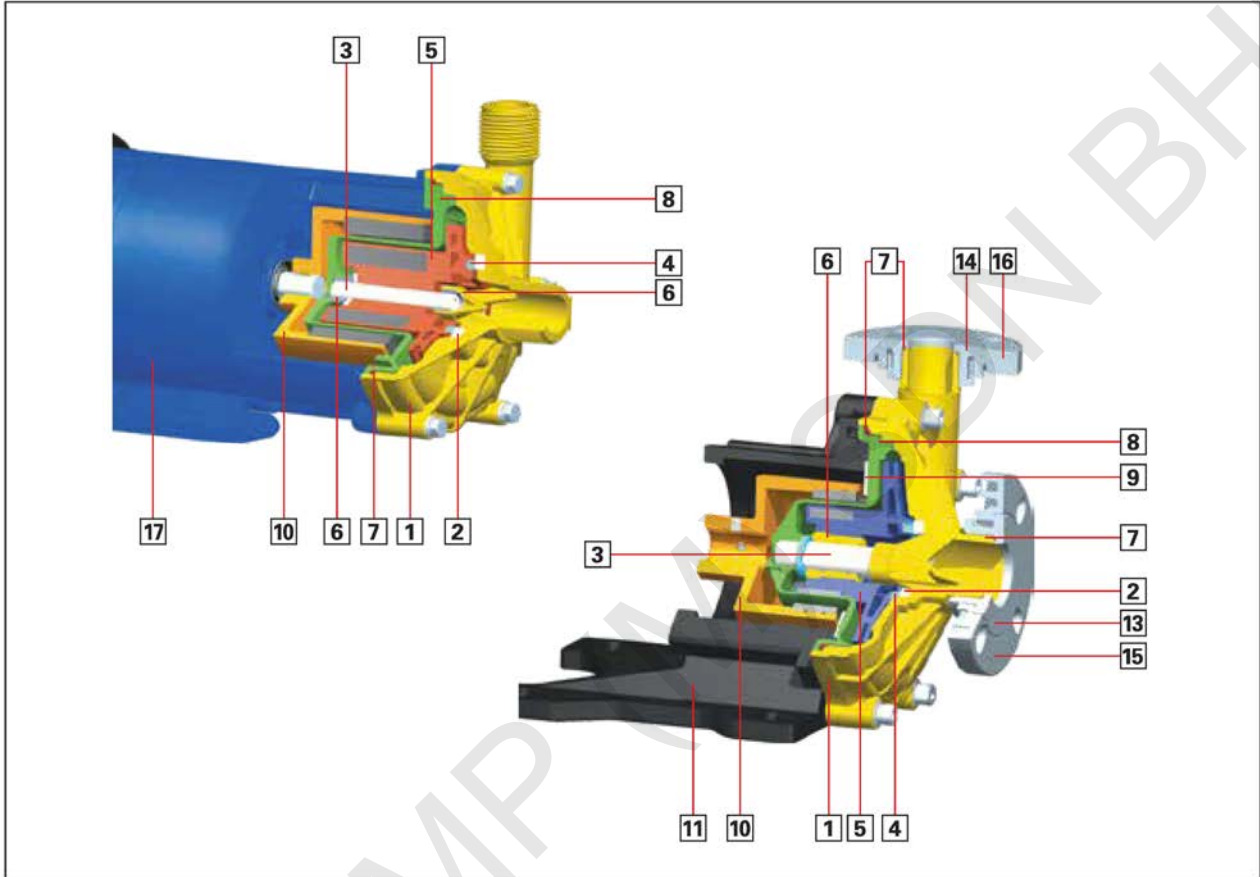
MPX - 4 5 2 F G A C V 5 - C S
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

| | | | |
|----------------------|--|--------------------|---|
| ① Series Symbol | MPX | ⑧ Bearing Material | A: CERAMIC C: CARBON R: PTFE S: SSIC |
| ② Discharge Size | 2:25A (1") 4:40A (1½") 5:50A (2") | ⑨ O-Ring Material | E: EPDM V: VITON K: FFKM |
| ③ Suction Size | 2:25A (1") 4:40A (1½") 5:50A (2") 6:65A (2½") | ⑩ Code of impeller | 5: 50HZ 6: 60HZ |
| ④ Motor Power | 0: 1/2HP (0.4kW) 1: 1HP (0.75kW) 2: 2HP (1.5kW) 3: 3HP (2.2kW) 5: 5HP (3.75kW) | ⑪ Motor type | No code: TEFC Indoor type C: TEFC Outdoor type A: Increased safety type |
| ⑤ Type of Connection | F: Flange | ⑫ Special code | No code: Standard type S: Special type |
| ⑥ Casing Material | G: GFRPP P:PVDF C: CFRPP E:CFRETFE | | |
| ⑦ Shaft Material | A: CERAMIC S: SSIC | | |

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MATERIAL

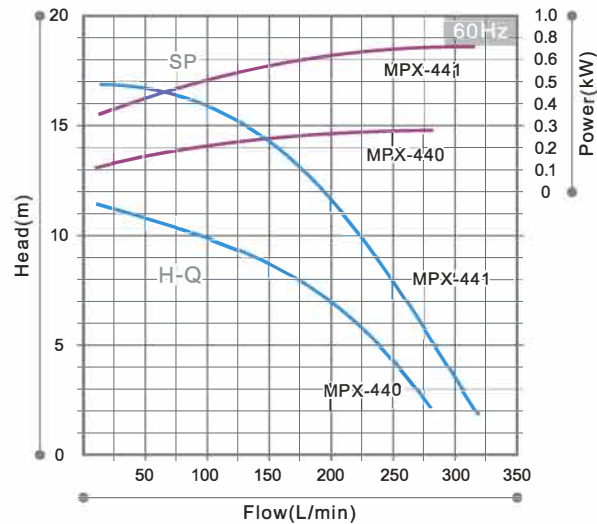
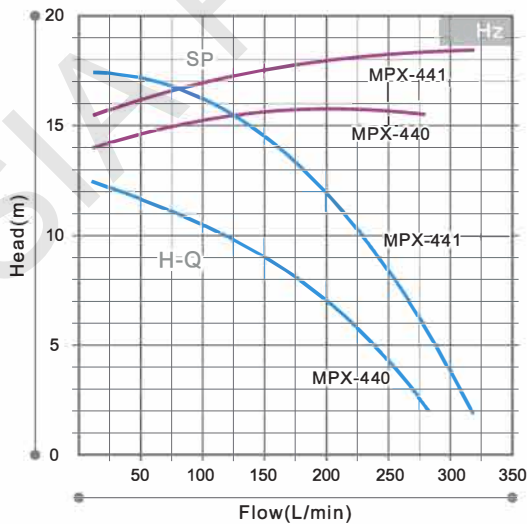
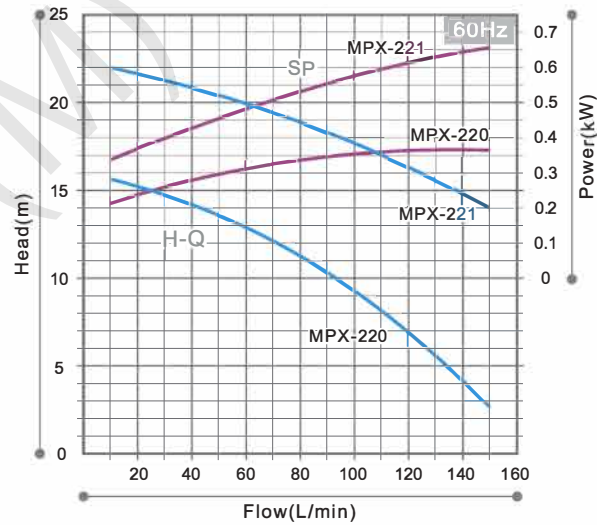
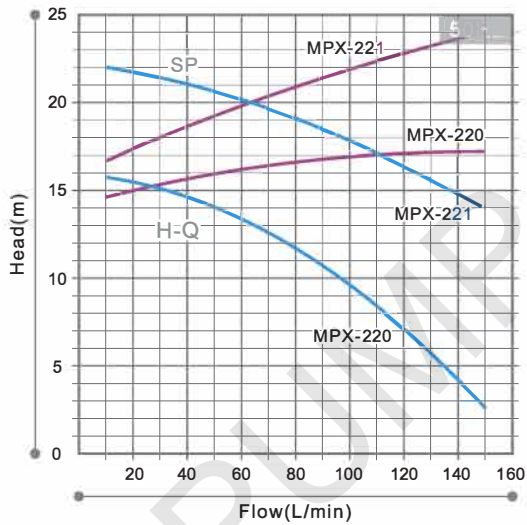
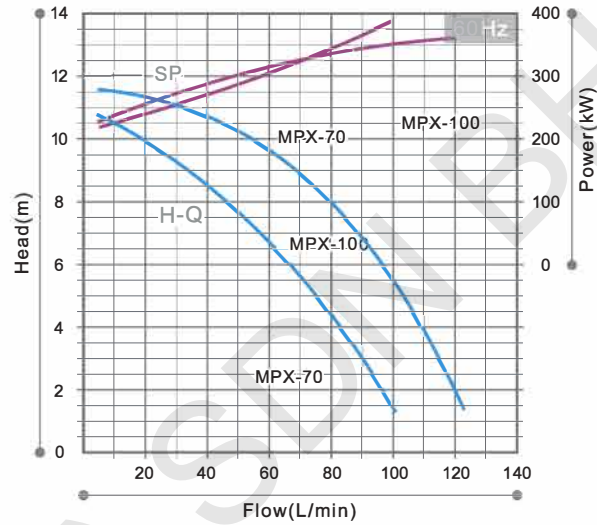
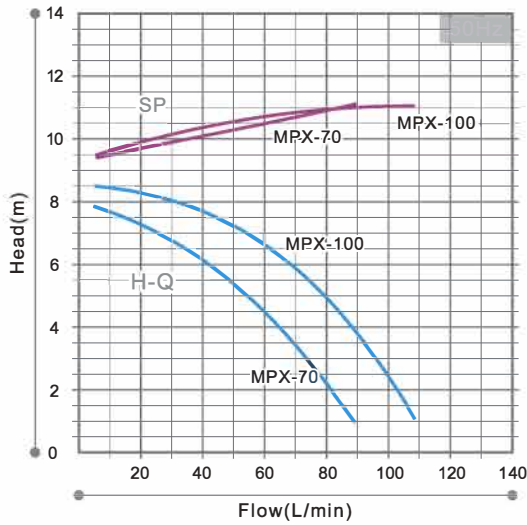


| NO. | Description | ACE | ACV | ARE | ARV | AAE | AAV | SSE | SSV |
|-----|--------------------------|--------------------------|-------|------|-------|---------|-------|------|-------|
| 1 | Pump casing | GFRPP/CFRPP/PVDF/CFRETFE | | | | | | | |
| 2 | Front thrust ring | CERAMIC | | | | | | | |
| 3 | Shaft | CERAMIC | | | | | | | |
| 4 | Wear resistant ring | PTFE | | | | | | | |
| 5 | Impeller unit | GFRPP/CFRPP/PVDF/CFRETFE | | | | | | | |
| 6 | Bearing | CARBON | | PTFE | | CERAMIC | | SSIC | |
| 7 | O-Ring | EPDM | VITON | EPDM | VITON | EPDM | VITON | EPDM | VITON |
| 8 | Rear casing | GFRPP/CFRPP/PVDF/CFRETFE | | | | | | | |
| 9 | Backup plate | SUS304 | | | | | | | |
| 10 | Drive magnet | FERRITE/Nd-Fe-B | | | | | | | |
| 11 | Frame | GFRPP/PC | | | | | | | |
| 12 | Base frame | GFRPP | | | | | | | |
| 13 | Inlet flange adapter | GFRPP/CFRPP/PVDF/CFRETFE | | | | | | | |
| 14 | Outlet flange adapter | GFRPP/CFRPP/PVDF/CFRETFE | | | | | | | |
| 15 | Inlet adjustable flange | GFRPP/PVDF | | | | | | | |
| 16 | Outlet adjustable flange | GFRPP/PVDF | | | | | | | |
| 17 | Motor | | | | | | | | |

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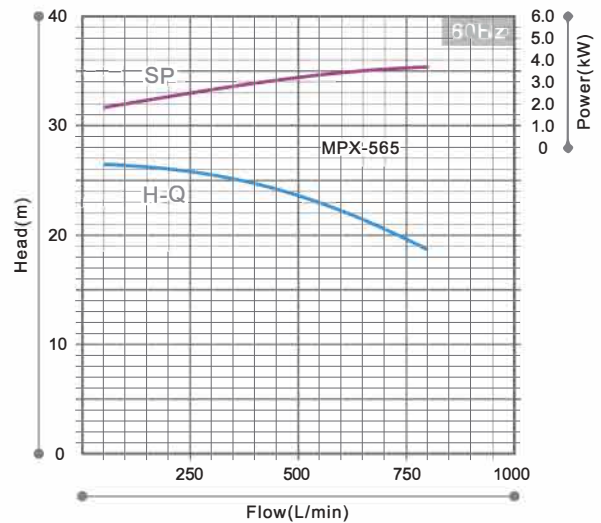
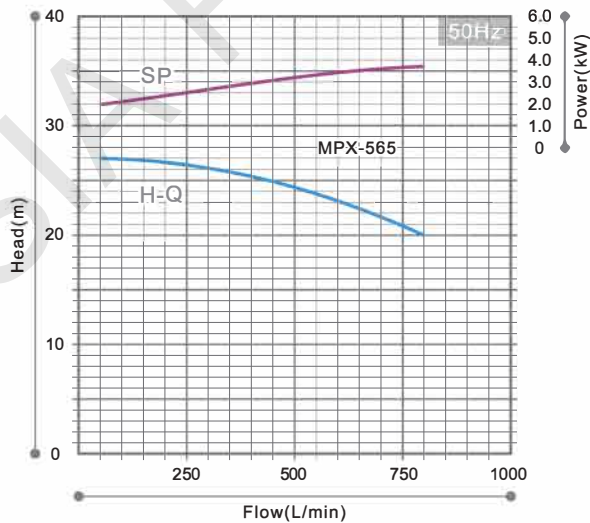
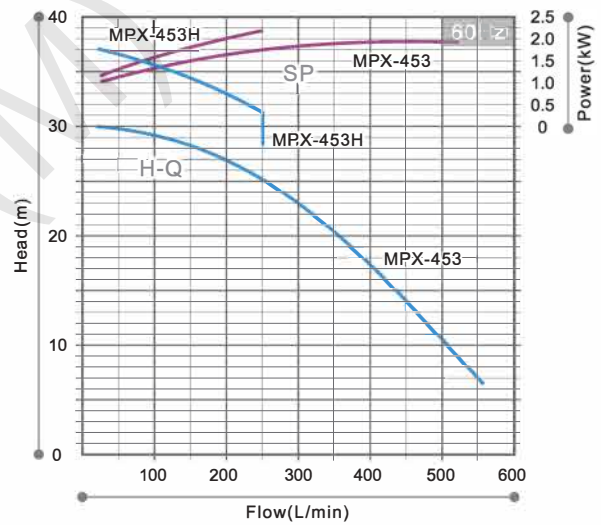
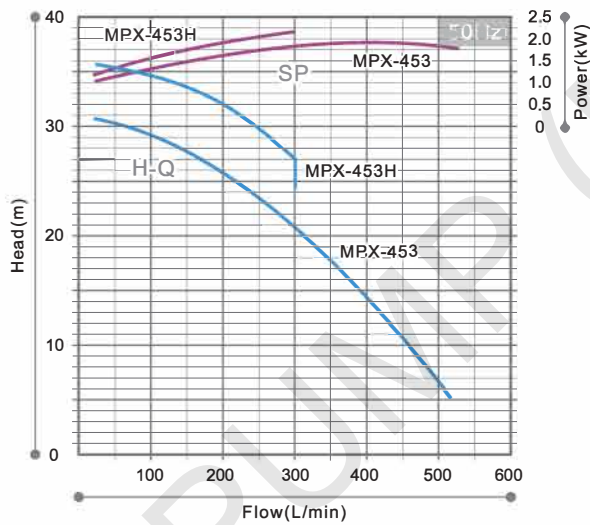
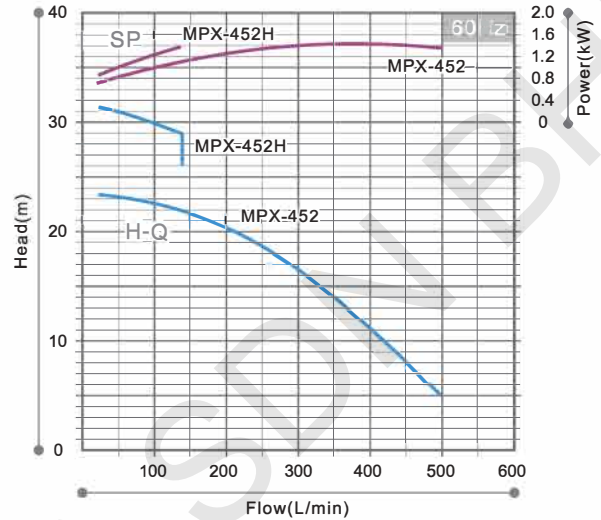
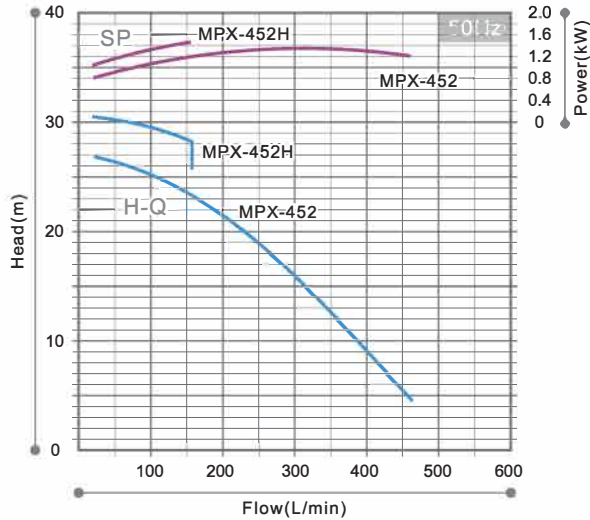
PERFORMANCE CURVES



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PERFORMANCE CURVES



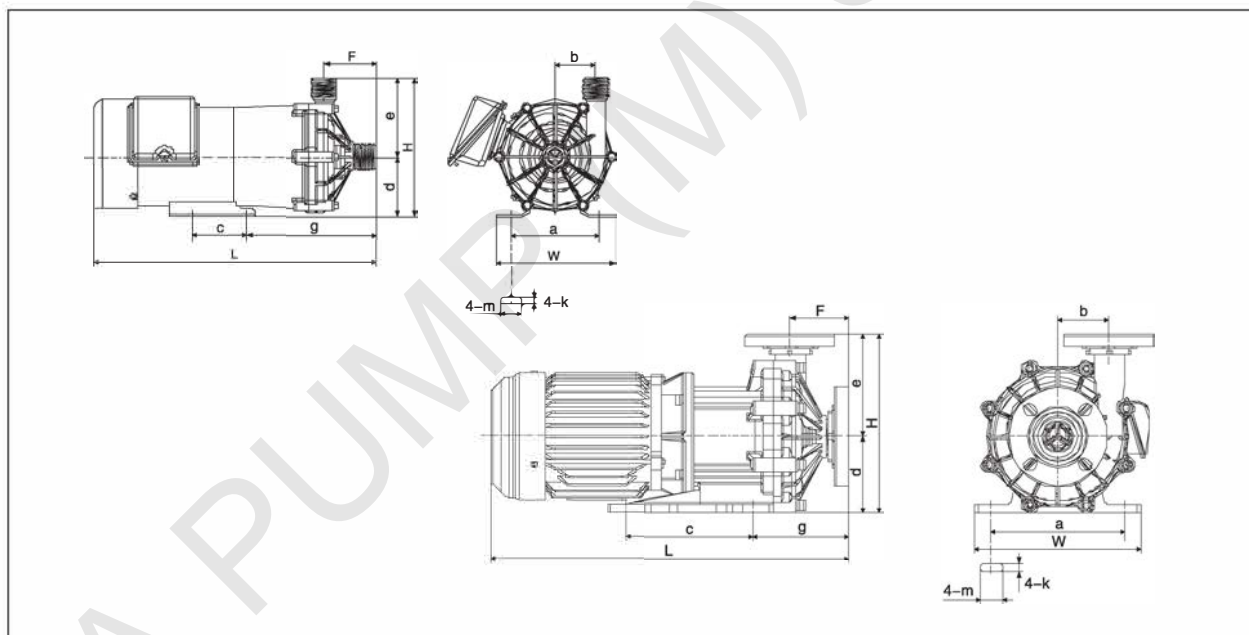
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SPECIFICATIONS

| Model | Inlet x Outlet | Specific Gravity | Rated Capacity (L/min) | Rated Head (m) | Max. Capacity (L/min) | Max. Head (m) | Motor output (kW) |
|----------|----------------|------------------|------------------------|----------------|-----------------------|---------------|-------------------|
| MPX-70M | G1 x G1 | 1.2 | 50 | 5.4/7.8 | 90/100 | 8/11 | 0.15/0.18 |
| MPX-100M | G1 x G1 | 1.2 | 70 | 6/9 | 110/125 | 8.5/11.7 | 0.26 |
| MPX-220 | 25A x 25A | 1.2 | 50 | 14/13.5 | 150 | 15.5 | 0.4 |
| MPX-221 | 25A x 25A | 1.0 | 80 | 19 | 150 | 22 | 0.75 |
| MPX-440 | 40A x 40A | 1.2 | 100 | 10.5/10 | 280 | 12.5/10.5 | 0.4 |
| MPX-441 | 40A x 40A | 1.2 | 150 | 14.5 | 320 | 17.5/16.8 | 0.75 |
| MPX-452 | 50A x 40A | 1.2 | 200 | 20/19.5 | 450 | 27/23.5 | 1.5 |
| MPX-452H | 50A x 40A | 1.0 | 100 | 30 | 160/140 | 31.5 | 1.5 |
| MPX-453 | 50A x 40A | 1.2 | 250 | 23/25 | 500 | 30.7/30 | 2.2 |
| MPX-453H | 50A x 40A | 1.0 | 100 | 35/36 | 300/250 | 35.7/37 | 2.2 |
| MPX-565 | 65A x 50A | 1.2 | 500 | 24.5/23.5 | 800 | 27/26.5 | 3.75 |

DIMENSIONAL DRAWING, PART DRAWING



| Type | W | H | L | a | b | c | d | f | e | g | k | m |
|----------|-----|-----|-------|-----|----|-----|-----|-----|-----|-------|----|----|
| MPX-70 | 130 | 155 | 292.5 | 110 | 48 | 40 | 65 | 53 | 90 | 159.5 | 7 | 11 |
| MPX-100 | 150 | 175 | 356 | 110 | 51 | 70 | 75 | 65 | 100 | 162 | 9 | 27 |
| MPX-220 | 160 | 255 | 440 | 130 | 65 | 130 | 115 | 90 | 140 | 163 | 12 | - |
| MPX-221 | 160 | 255 | 452 | 130 | 65 | 130 | 115 | 90 | 140 | 171 | 12 | - |
| MPX-440 | 140 | 225 | 440 | 110 | 54 | 98 | 95 | 87 | 130 | 150 | 12 | - |
| MPX-441 | 160 | 255 | 479 | 130 | 72 | 130 | 115 | 103 | 140 | 184 | 12 | - |
| MPX-452 | 260 | 280 | 563 | 208 | 80 | 200 | 120 | 89 | 160 | 157 | 14 | 36 |
| MPX-452H | 260 | 280 | 563 | 208 | 80 | 200 | 120 | 89 | 160 | 157 | 14 | 36 |
| MPX-453 | 260 | 280 | 563 | 208 | 80 | 200 | 120 | 89 | 160 | 157 | 14 | 36 |
| MPX-453H | 260 | 280 | 563 | 208 | 80 | 200 | 120 | 89 | 160 | 157 | 14 | 36 |
| MPX-565 | 180 | 330 | 630 | 140 | 96 | 220 | 150 | 95 | 180 | 175 | 14 | - |

● NOTICE: The full length of the pump will be different, it depends on the motor brand or manufacturer and type.

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Website QR Code

Distributor / Sales Agent