



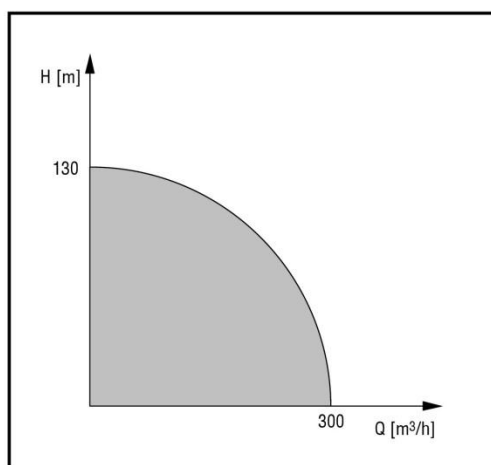
RAFSTAL

**POMPY W WYKONANIU
MORSKIM mPJM**



DANE TECHNICZNE

| | |
|------------------------------|-----------------------|
| Wydajność | 300 m ³ /h |
| Wysokość podnoszenia | 130 m |
| Maksymalne ciśnienie robocze | 1,6 MPa |
| Przyłącza | 0,6-1,6 MPa |
| Średnica króćca tłoczego | 40-125 mm |
| Średnica króćca ssącego | 50-150 mm |



PRZEZNACZENIE

Pompy typoszeregu przeznaczone do pompowania wody morskiej i wody słonej.

ZASTOSOWANIE

- przemysł stoczniowy
- rybołówstwo

KONCEPCJA BUDOWY

Pompa

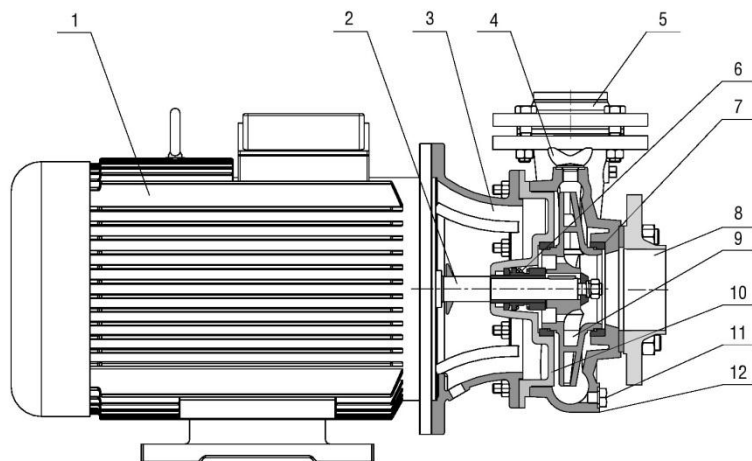
- wirowa jednostopniowa
- wirnik montowany bezpośrednio na wałku silnika
- ssanie w osi poziomej, tłoczenie pionowo w górę
- uszczelnienie mechaniczne DMc lub sznurowe DS
- wykonanie brązowe lub żeliwne

Silnik

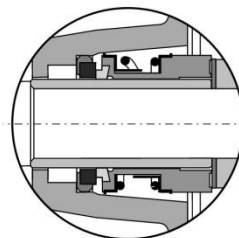
- trójfazowy asynchroniczny z wirnikiem klatkowym
- w wykonaniu morskim
- kierunek obrotów w prawo
- z wydłużoną końcówką wałka
- wymagane pełne zabezpieczenie elektryczne
- napięcie 380/440V
- częstotliwość 50 lub 60Hz

ZALETY

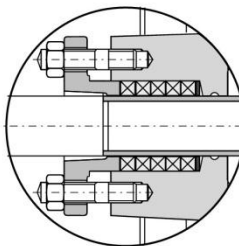
- przystosowanie do pracy w środowisku wody morskiej i słonej
- łatwość instalacji i obsługi
- bezpieczeństwo pracy
- wykluczenie przestawienia osi pompa silnik
- dobra relacja cena/jakość

mPJM**Pompy w wykonaniu morskim****BUDOWA**

Dławnica mechaniczna typu DMc



Dławnica sznurowa typu DS

**KLUCZ OZNACZEŃ**mPJM 50 / 160 DMc 2,2 kW 2900min⁻¹

Typozereg

Średnica tłoczenia

40-125 mm

Średnica wirnika

130-315 mm

Typ dławnicy

DS - sznurowa

DMc - mechaniczna

Wielkość silnika

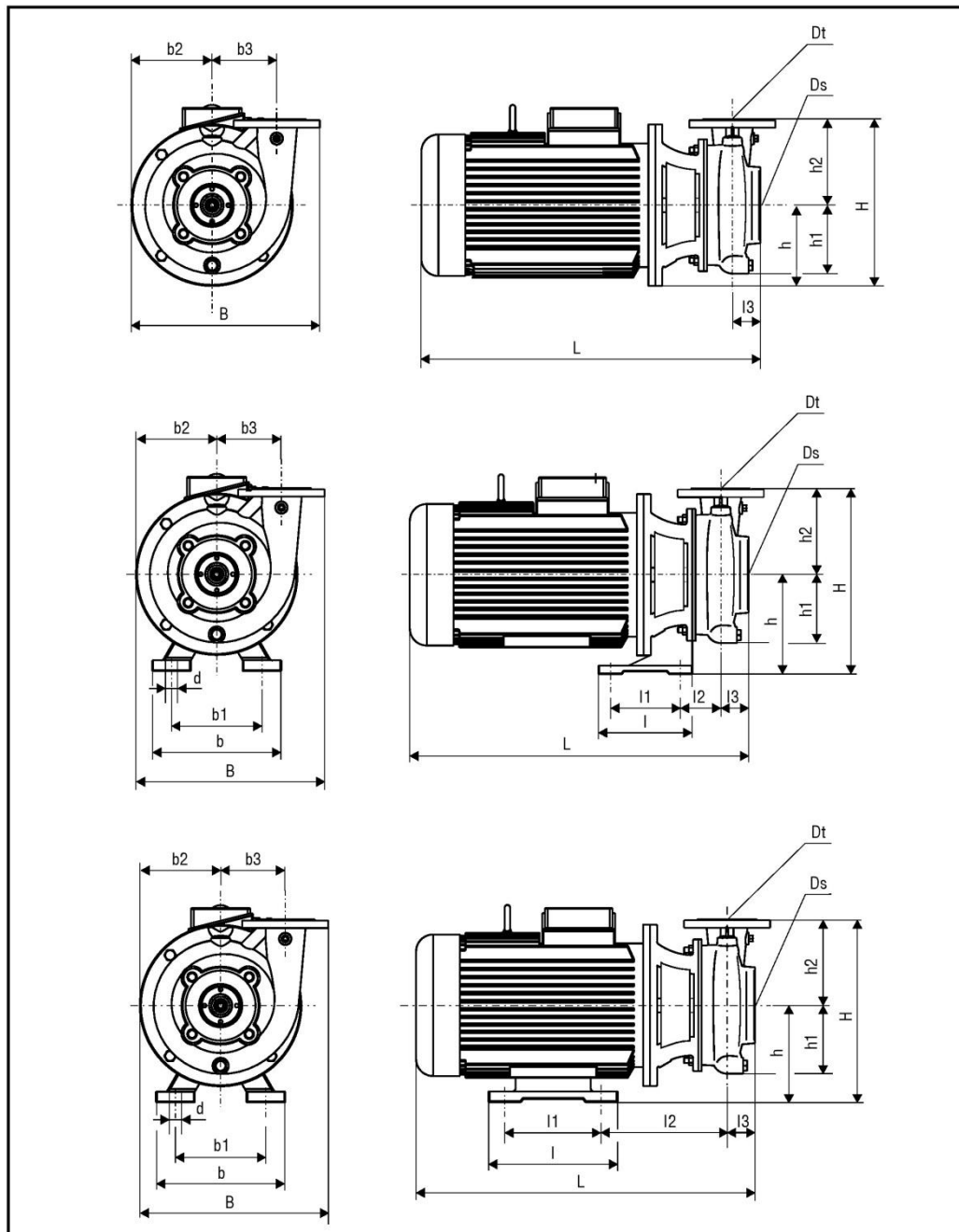
0,75-99,0 kW

Obroty

1400, 1700, 2900 lub 3500min⁻¹

| Lp. | Nazwa części | Materiał |
|-----|-------------------------|-----------------|
| 1. | Silnik | |
| 2. | Wał | stal nierdzewna |
| 3. | Łącznik | St5 |
| 4. | Korek zalewowy | |
| 5. | Przeciwnośnierz tłoczny | |
| 6. | Dławnica | St3S |
| 7. | Pierścienie labiryntu | |
| 8. | Przeciwnośnierz ssący | |
| 9. | Wirnik | B102, ZI 200 |
| 10. | Pokrywa | B102, ZI 200 |
| 11. | Korek spustowy | ZI 200 |
| 12. | Korpus pompy | B102, ZI 200 |

WYMIARY



Pompy w wykonaniu morskim

mPJM

| Typ pompy | Moc (kW) | | Wymiary (mm) | | | | | | | | | | | | | | | | | Masa (kg) |
|--------------|-----------------------------|-----------|--------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----------|
| | 1400/1700 | 2900/3500 | L | I | II | I2 | I3 | B | b | b1 | b2 | b3 | H | h | h1 | h2 | D1 | D2 | d | |
| | Obrotы (min ⁻¹) | | | | | | | | | | | | | | | | | | | |
| mPJM 80/180 | 1,5/1,8 | | 529 | 185 | 150 | 70,5 | 60 | 368 | 235 | 200 | 138 | 130 | 390 | 160 | 140 | 175 | 100 | 80 | 14 | 61 |
| mPJM 80/180 | | 11,0/12,7 | 781 | 256 | 210 | 261 | | | 305 | 254 | | | | | | | | | 15 | 154 |
| mPJM 80/190 | 1,5/1,8 | | 529 | 185 | 150 | 70,5 | | | 235 | 200 | | | | | | | | | 14 | 72 |
| mPJM 80/190 | | 11,0/12,7 | 781 | 256 | 210 | 262 | | | 305 | 254 | | | | | | | | | 15 | 154 |
| mPJM 80/190 | | 15,0/17,2 | | | | | | | | | | | | | | | | | 15 | 169 |
| mPJM 80/200 | 1,5/1,8 | | 529 | 185 | 150 | 70,5 | | | 235 | 200 | | | | | | | | | 14 | 72 |
| mPJM 80/200 | | 11,0/12,7 | 781 | 256 | 210 | 261 | | | 305 | 254 | | | | | | | | | 15 | 154 |
| mPJM 80/200 | | 15,0/17,2 | | | | | | | | | | | | | | | | | 15 | 169 |
| mPJM 80/215 | 2,2/2,6 | | 589 | | | 62,5 | | | | | | | | | | | | | | 83 |
| mPJM 80/215 | | 3,0/3,6 | | | | | | | | | | | | | | | | | | 84 |
| mPJM 80/215 | | 15,0/17,2 | 785 | 256 | 210 | 263 | | | 305 | 254 | | | | | | | | | 15 | 178 |
| mPJM 80/215 | | 18,5/21,3 | 829 | 300 | 254 | 276 | | | | | | | | | | | | | 15 | 193 |
| mPJM 80/230 | 3,0/3,6 | | 589 | | | 62,5 | | | | 84 | | | | | | | | | | |
| mPJM 80/230 | | 15,0/17,2 | 785 | 256 | 210 | 263 | 305 | 254 | 15 | 178 | | | | | | | | | | |
| mPJM 80/230 | | 18,5/21,3 | 829 | 300 | 254 | 276 | | | 15 | 193 | | | | | | | | | | |
| mPJM 80/230 | | 22,0/25,3 | 878 | 320 | 241 | 276 | | | 15 | 228 | | | | | | | | | | |
| mPJM 80/250 | 3,0/3,6 | | 589 | | | 62,5 | | | | 84 | | | | | | | | | | |
| mPJM 80/250 | | 4,0/4,8 | 597 | | | | | | | 92 | | | | | | | | | | |
| mPJM 80/250 | | 18,5/21,3 | 829 | 300 | 254 | 263 | 305 | 254 | 15 | 193 | | | | | | | | | | |
| mPJM 80/250 | | 22,0/34,0 | 878 | 320 | 241 | 276 | 350 | 279 | 15 | 228 | | | | | | | | | | |
| mPJM 80/250 | | 30,0/34,0 | 1003 | 380 | 305 | 308 | 400 | 318 | 19 | 316 | | | | | | | | | | |
| mPJM 80/270 | 5,5/6,6 | | 685 | 182 | 140 | 253 | | | | 12 | 158 | | | | | | | | | |
| mPJM 80/270 | | 22,0/25,3 | 917 | 320 | 241 | 305 | 350 | 279 | 15 | 263 | | | | | | | | | | |
| mPJM 80/270 | | 30,0/34,0 | 1022 | 380 | 380 | 317 | 400 | 318 | 19 | 345 | | | | | | | | | | |
| mPJM 80/270 | | 37,0/41,0 | | | | | | | 19 | 365 | | | | | | | | | | |
| mPJM 80/290 | 5,5/6,6 | | 685 | 182 | 140 | 253 | 278 | 216 | 12 | 158 | | | | | | | | | | |
| mPJM 80/290 | | 30,0/34,0 | 1022 | 380 | 400 | 318 | 400 | 318 | 19 | 345 | | | | | | | | | | |
| mPJM 80/290 | | 37,0/41,0 | | | | | | | 19 | 365 | | | | | | | | | | |
| mPJM 80/290 | | 45,0/51,0 | 1067 | 380 | 311 | 333 | 445 | 356 | 19 | 436 | | | | | | | | | | |
| mPJM 80/315 | 5,5/6,6 | | 685 | 182 | 140 | 253 | 278 | 216 | 12 | 158 | | | | | | | | | | |
| mPJM 80/315 | | 7,5/9,0 | 723 | 220 | 178 | 253 | | | 12 | 169 | | | | | | | | | | |
| mPJM 80/315 | | 37,0/41,0 | 1022 | 380 | 305 | 317 | 400 | 318 | 19 | 365 | | | | | | | | | | |
| mPJM 80/315 | | 45,0/51,0 | 1067 | | | | 445 | 356 | 19 | 436 | | | | | | | | | | |
| mPJM 80/315 | | 55,0/62,0 | 1172 | 420 | 349 | 362 | 495 | 406 | 24 | 519 | | | | | | | | | | |
| mPJM 100/140 | 1,1/1,3 | | 527 | | | | | | | 60 | | | | | | | | | | |
| mPJM 100/140 | | 7,5/8,6 | 703 | 220 | 140 | 230 | 278 | 216 | 12 | 120 | | | | | | | | | | |
| mPJM 100/150 | 1,1/1,3 | | 527 | | | | | | | 60 | | | | | | | | | | |
| mPJM 100/150 | | 7,5/8,6 | 703 | 220 | 140 | 230 | 278 | 216 | 12 | 120 | | | | | | | | | | |
| mPJM 100/150 | | 11,0/12,7 | 804 | 256 | 210 | 269 | 305 | 254 | 15 | 151 | | | | | | | | | | |
| mPJM 100/160 | 1,5/1,8 | | 552 | 165 | 130 | 68,5 | 215 | 180 | 14 | 63 | | | | | | | | | | |
| mPJM 100/160 | | 11,0/12,7 | 804 | 256 | 210 | 269 | 305 | 254 | 15 | 151 | | | | | | | | | | |
| mPJM 100/170 | 2,2/2,6 | | 600 | 185 | 150 | 75,5 | 235 | 200 | 14 | 82 | | | | | | | | | | |
| mPJM 100/170 | | 15,0/17,2 | 796 | 256 | 210 | 266 | 305 | 254 | 15 | 179 | | | | | | | | | | |
| mPJM 100/180 | 2,2/2,6 | | 600 | 185 | 150 | 75,5 | 235 | 200 | 14 | 82 | | | | | | | | | | |
| mPJM 100/180 | | 15,0/17,2 | 796 | 256 | 210 | 266 | 305 | 254 | 15 | 179 | | | | | | | | | | |
| mPJM 100/180 | | 18,5/21,3 | 840 | 300 | 254 | 266 | | | 15 | 194 | | | | | | | | | | |
| mPJM 100/190 | 2,2/2,6 | | 600 | 185 | 150 | 75,5 | | | | 82 | | | | | | | | | | |
| mPJM 100/190 | | 3,0/3,6 | | | | | 235 | 200 | 14 | 83 | | | | | | | | | | |
| mPJM 100/190 | | 18,5/21,3 | 840 | 300 | 254 | 266 | 305 | 254 | 15 | 194 | | | | | | | | | | |
| mPJM 100/190 | | 22,0/25,3 | 889 | 320 | 241 | 279 | 350 | 279 | 15 | 229 | | | | | | | | | | |
| mPJM 100/200 | 2,2/2,6 | | 600 | 185 | 150 | 75,5 | 235 | 200 | 14 | 82 | | | | | | | | | | |
| mPJM 100/200 | | 3,0/3,6 | | | | | | | 14 | 83 | | | | | | | | | | |
| mPJM 100/200 | | 22,0/25,3 | 889 | 320 | 241 | 279 | 350 | 279 | 15 | 229 | | | | | | | | | | |
| mPJM 100/200 | | 30,0/34,0 | 1014 | 380 | 305 | 311 | 400 | 318 | 19 | 308 | | | | | | | | | | |
| mPJM 100/215 | 3,0/3,6 | | 579 | | | 63,5 | | | | 98 | | | | | | | | | | |
| mPJM 100/215 | | 4,0/4,8 | 587 | | | | 380 | | | 106 | | | | | | | | | | |
| mPJM 100/215 | | 22,0/25,3 | 868 | 320 | 241 | 257 | 350 | 279 | 15 | 235 | | | | | | | | | | |
| mPJM 100/215 | | 30,0/34,0 | 1013 | 380 | 305 | 309 | 400 | 318 | 19 | 324 | | | | | | | | | | |
| mPJM 100/230 | 4,0/4,8 | | 587 | | | 63,5 | | | | 106 | | | | | | | | | | |
| mPJM 100/230 | 5,5/6,6 | | 676 | 182 | 140 | 245 | 278 | 216 | 12 | 130 | | | | | | | | | | |
| mPJM 100/230 | | 30,0/34,0 | 1013 | 380 | 305 | 309 | 400 | 318 | 19 | 324 | | | | | | | | | | |
| mPJM 100/230 | | 37,0/41,0 | | | | | | | 19 | 344 | | | | | | | | | | |
| mPJM 100/250 | 5,5/6,6 | | 676 | 182 | 140 | 245 | | | | 130 | | | | | | | | | | |
| mPJM 100/250 | | 7,5/9,0 | 714 | 220 | 178 | 245 | 278 | 216 | 12 | 141 | | | | | | | | | | |
| mPJM 100/250 | | 30,0/34,0 | 1013 | 380 | 305 | 309 | 400 | 318 | 19 | 324 | | | | | | | | | | |
| mPJM 100/250 | | 37,0/41,0 | | | | | | | 19 | 344 | | | | | | | | | | |
| mPJM 100/250 | | 45,0/51,0 | 1058 | | | | 445 | 356 | | 414 | | | | | | | | | | |

mPJM**Pompy w wykonaniu morskim**

| Typ pompy | Moc (kW) | | Wymiary (mm) | | | | | | | | | | | | | | | | | Masa (kg) |
|--------------|-------------------------------|-----------|--------------|-----|-----|------|----|---|-----|-----|----|----|---|-----|-----|-----|----|----|----|-----------|
| | 1400/1700 | 2900/3500 | L | I | I1 | I2 | I3 | B | b | b1 | b2 | b3 | H | h | h1 | h2 | D1 | D2 | d | |
| | Obrotowy (min ⁻¹) | | | | | | | | | | | | | | | | | | | |
| mPJM 100/270 | 5,5/6,6 | | 693 | 182 | 140 | | | | 278 | 216 | | | | 499 | 132 | | | | 12 | 168 |
| mPJM 100/270 | 7,5/9,0 | | 731 | 220 | 178 | | | | | | | | | | 132 | | | | | 179 |
| mPJM 100/270 | | 37,0/41,0 | 1030 | | 380 | | | | 400 | 318 | | | | | 200 | | | | 19 | 375 |
| mPJM 100/270 | | 45,0/51,0 | 1075 | | 311 | | | | 445 | 356 | | | | | 522 | 225 | | | 24 | 446 |
| mPJM 100/270 | | 55,0/62,0 | 1180 | 420 | 349 | 365 | | | 495 | 406 | | | | | 547 | 250 | | | 24 | 529 |
| mPJM 100/290 | 7,5/9,0 | | 731 | 220 | 178 | 256 | | | 278 | 216 | | | | | 499 | 132 | | | 12 | 179 |
| mPJM 100/290 | 11,0/13,2 | | 832 | 256 | 210 | 295 | | | 305 | 254 | | | | | 160 | | | | 15 | 213 |
| mPJM 100/290 | | 45,0/51,0 | 1075 | 380 | 311 | 336 | | | 445 | 356 | | | | | 522 | 225 | | | 19 | 446 |
| mPJM 100/290 | | 55,0/62,0 | 1180 | 420 | 349 | 365 | | | 495 | 406 | | | | | 547 | 250 | | | 24 | 529 |
| mPJM 100/290 | | 75,0/84,0 | 1240 | 520 | 368 | 387 | | | 560 | 457 | | | | | 577 | 280 | | | 24 | 654 |
| mPJM 100/315 | 7,5/9,0 | | 731 | 220 | 178 | 256 | | | 278 | 216 | | | | | 499 | 132 | | | 12 | 179 |
| mPJM 100/315 | 11,0/13,2 | | 832 | 256 | 310 | 295 | | | 305 | 254 | | | | | 160 | | | | 15 | 213 |
| mPJM 100/315 | | 55,0/62,0 | 1180 | 420 | 349 | 365 | | | 495 | 406 | | | | | 547 | 250 | | | 24 | 529 |
| mPJM 100/315 | | 75,0/84,0 | | | 368 | | | | | | | | | | | | | | 24 | 654 |
| mPJM 100/315 | | 90,0/99,0 | 1240 | 520 | 419 | 387 | | | 560 | 457 | | | | | 577 | 280 | | | 24 | 724 |
| mPJM 125/170 | 3,0/3,6 | | 614 | 185 | 150 | 79,5 | | | 235 | 200 | | | | | | | | | 14 | 95 |
| mPJM 125/170 | | 18,5/21,3 | 854 | 300 | 254 | 270 | | | 305 | 254 | | | | | 438 | 160 | | | 15 | 205 |
| mPJM 125/170 | | 22,0/25,3 | 903 | 320 | 241 | 283 | | | 350 | 279 | | | | | 440 | 180 | | | 15 | 240 |
| mPJM 125/180 | 3,0/3,6 | | 614 | 185 | 150 | 79,5 | | | 235 | 200 | | | | | 438 | 160 | | | 14 | 95 |
| mPJM 125/180 | | 22,0/25,3 | 903 | 320 | 241 | 283 | | | 350 | 279 | | | | | 440 | 180 | | | 15 | 240 |
| mPJM 125/180 | | 30,0/34,0 | 1028 | 380 | 305 | 315 | | | 400 | 318 | | | | | 460 | 200 | | | 19 | 319 |
| mPJM 125/190 | 4,0/4,8 | | 622 | 185 | 150 | 79,5 | | | 235 | 200 | | | | | 438 | 160 | | | 14 | 103 |
| mPJM 125/190 | | 30,0/34,0 | | | | | | | | | | | | | | | | | 19 | 319 |
| mPJM 125/190 | | 37,0/41,0 | 1028 | 380 | 305 | 315 | | | 400 | 318 | | | | | 460 | 200 | | | 19 | 339 |
| mPJM 125/200 | 4,0/4,8 | | 622 | 185 | 150 | 79,5 | | | 235 | 200 | | | | | 438 | 160 | | | 14 | 103 |
| mPJM 125/200 | 5,5/6,6 | | 681 | 182 | 140 | 241 | | | 278 | 216 | | | | | 438 | 132 | | | 12 | 131 |
| mPJM 125/200 | | 30,0/34,0 | | | | | | | | | | | | | | | | | 19 | 319 |
| mPJM 125/200 | | 37,0/41,0 | 1028 | 380 | 305 | 315 | | | 400 | 318 | | | | | 460 | 200 | | | 19 | 339 |
| mPJM 125/215 | 5,5/6,6 | | 695 | 182 | 140 | 250 | | | 278 | 216 | | | | | 465 | 132 | | | 12 | 153 |
| mPJM 125/215 | 7,5/9,0 | | 733 | 220 | 178 | 250 | | | 400 | 318 | | | | | 480 | 200 | | | 12 | 164 |
| mPJM 125/215 | | 37,0/41,0 | 1032 | | 380 | | | | 445 | 356 | | | | | 505 | 225 | | | 19 | 366 |
| mPJM 125/215 | | 45,0/51,0 | 1077 | | 311 | 330 | | | 478 | 216 | | | | | 505 | 225 | | | 19 | 436 |
| mPJM 125/230 | 5,5/6,6 | | 695 | 182 | 140 | 250 | | | 278 | 216 | | | | | 465 | 132 | | | 12 | 153 |
| mPJM 125/230 | 7,5/9,0 | | 733 | 220 | 178 | 250 | | | 400 | 318 | | | | | 505 | 225 | | | 19 | 436 |
| mPJM 125/230 | | 45,0/51,0 | 1077 | 380 | 311 | 330 | | | 445 | 356 | | | | | 530 | 250 | | | 24 | 517 |
| mPJM 125/230 | | 55,0/62,0 | 1192 | 420 | 349 | 369 | | | 495 | 406 | | | | | 530 | 250 | | | 24 | 517 |
| mPJM 125/250 | 7,5/9,0 | | 733 | 220 | 178 | 250 | | | 278 | 216 | | | | | 465 | 132 | | | 12 | 164 |
| mPJM 125/250 | 11,0/13,3 | | 814 | 256 | 210 | 269 | | | 305 | 254 | | | | | 465 | 160 | | | 15 | 198 |
| mPJM 125/250 | | 45,0/45,0 | 1077 | 380 | 311 | 330 | | | 445 | 356 | | | | | 505 | 225 | | | 19 | 436 |
| mPJM 125/250 | | 55,0/62,0 | 1192 | 420 | 349 | 369 | | | 495 | 406 | | | | | 530 | 250 | | | 24 | 517 |
| mPJM 125/250 | | 75,0/84,0 | 1252 | 520 | 368 | 391 | | | 560 | 457 | | | | | 560 | 280 | | | 24 | 652 |
| mPJM 125/270 | 11,0/13,2 | | 838 | 256 | 210 | 296 | | | 305 | 254 | | | | | 518 | 160 | | | 15 | 225 |
| mPJM 125/270 | | 75,0/84,0 | | | 368 | | | | | | | | | | | | | | 24 | 666 |
| mPJM 125/270 | | 90,0/99,0 | 1246 | 520 | 419 | 388 | | | 560 | 457 | | | | | 590 | 280 | | | 24 | 736 |
| mPJM 125/290 | 11,0/13,0 | | 838 | 256 | 210 | 296 | | | 305 | 254 | | | | | 518 | 160 | | | 15 | 225 |
| mPJM 125/290 | | 75,0/84,0 | | | 368 | | | | | | | | | | | | | | 24 | 666 |
| mPJM 125/290 | | 90,0/99,0 | 1246 | 520 | 419 | 388 | | | 560 | 457 | | | | | 590 | 280 | | | 24 | 736 |
| mPJM 125/315 | 11,0/13,2 | | 838 | 256 | 210 | | | | | | | | | | | | | | 15 | 225 |
| mPJM 125/315 | 15,0/18,0 | | 882 | 300 | 254 | 296 | | | 305 | 254 | | | | | 518 | 160 | | | 15 | 245 |
| mPJM 125/315 | | 75,0/84,0 | | | 368 | | | | | | | | | | | | | | 24 | 666 |
| mPJM 125/315 | | 90,0/99,0 | 1246 | 520 | 419 | 388 | | | 560 | 457 | | | | | 590 | 280 | | | 24 | 736 |

ZAKRES DOSTAWY

Pompa kompletna z instrukcją obsługi i gwarancją, przeciwkołnierze standardowo w zakresie dostawy.