



4" Pompy głębinowe



Do wody czystej
(Maksymalna zawartość piasku
150 g/m³)



Do użytku do-
mowego



Budownictwo



Przemysł

DANE WYDAJNOŚCIOWE

- Wydajność do **375 l/min** (22.5 m³/h)
- Wysokość podnoszenia **390 m**

DANE TECHNICZNE

- Maksymalna temperatura wody **+35 °C**
- Maksymalna zawartość piasku **150 g/m³**
- Maksymalna głębokość zanurzenia:
 - **200 m** dla silnika 4PD
 - **100 m** dla silnika 4PS
- Możliwość podłączenia:
 - pionowa
 - pozioma, z następującymi ograniczeniami:
4SR1 - 4SR1.5 - 4SR2 - 4SR4 do **27 stopni**
4SR6 - 4SR8 - 4SR10 - 4SR12 - 4SR15 do **17 stopni**
- Ilość załączeń silnika na godzinę: 20 w regularnych odstępach czasu
- Minimalna wydajność dla chłodzenia silnika **8 cm/s**
- Tryb pracy silnika - Praca ciągła S1

ZASTOSOWANIE

Nadaje się do stosowania z do wody czystej o zawartości piasku nie większej niż 150 g / m³. Ze względu na swoją wysoką wydajność i niezawodność nadają się do stosowania w zastosowaniach domowych, budownictwie i przemyśle, takich jak dystrybucja wody w połączeniu ze zbiornikami ciśnieniowymi, nawadnianie, myjnie itp..

PATENTY

- Patent nr EP2419642

KONSTRUKCJA I STANDARDY BEZPIECZEŃSTWA

SILNIK ELEKTRYCZNY

- Trójfazowa 400 V - 50 Hz
- Jednofazowa 230 V - 50 Hz
- **Kondensator zawarty w opakowaniu**

Długość kabla zasilającego:

- **2 m** Dla mocy silnika od 0.37 to 2.2 kW
- **3.6 m** Dla mocy silnika od 3 to 7.5 kW.

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3



EU REGULATION Nr 547/2012

OPCJE DOSTĘPNE NA ŻĄDANIE

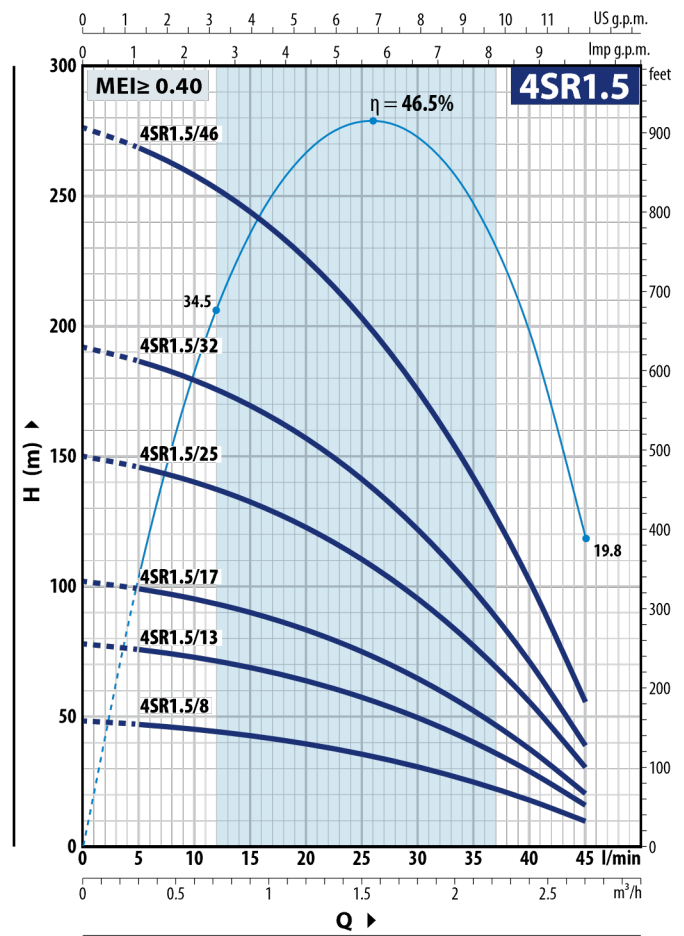
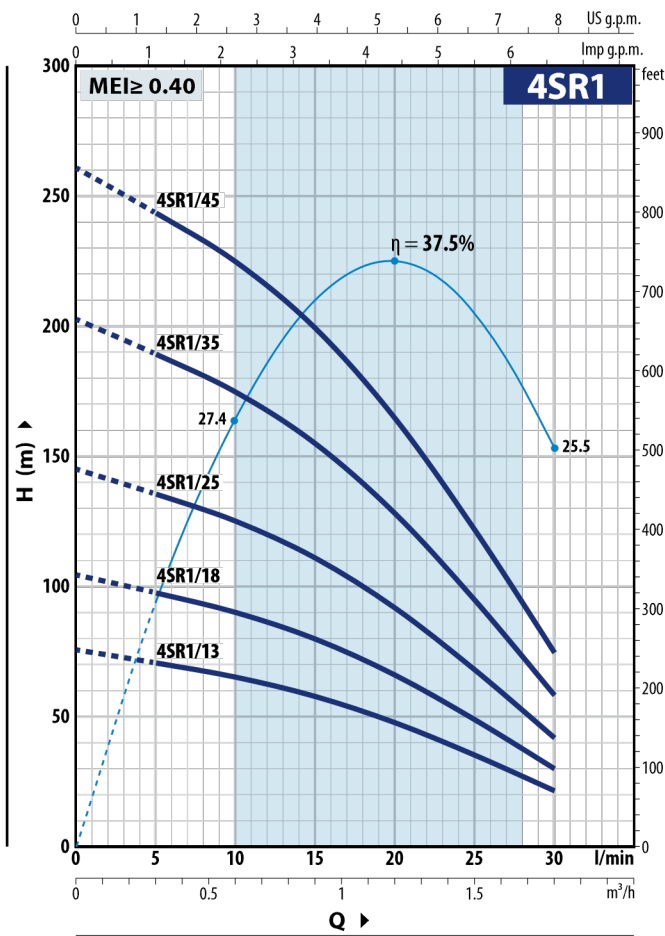
- Inne napięcia i częstotliwość 60 Hz
- Zestaw płaszczu chłodzącego wyposażony w filtr i wsporniki, zalecany dla silników od 2.2 kW to 7.5 kW



PŁASZCZ CHŁODZĄCY

CHARAKTERYSTYKA POMP

50 Hz n = 2900 min⁻¹



4SR1

| MODEL | | MOC (P2) | | Q | m ³ /h | | | | | | |
|-------------|------------|----------|------|---------|-------------------|-----|-----|------|------|------|------|
| Jednofazowa | Trójfazowa | kW | HP | | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 |
| 4SRm 1/13 | 4SR 1/13 | 0.37 | 0.50 | H metry | 0 | 5 | 10 | 15 | 20 | 25 | 30 |
| 4SRm 1/18 | 4SR 1/18 | 0.55 | 0.75 | | 75 | 70 | 65 | 57.5 | 47.5 | 35 | 21.5 |
| 4SRm 1/25 | 4SR 1/25 | 0.75 | 1 | | 104 | 97 | 90 | 80 | 66 | 48.5 | 30 |
| 4SRm 1/35 | 4SR 1/35 | 1.1 | 1.5 | | 145 | 135 | 125 | 111 | 92 | 67.5 | 41.5 |
| 4SRm 1/45 | 4SR 1/45 | 1.5 | 2 | | 203 | 190 | 175 | 155 | 128 | 95 | 58 |
| | | | | | 261 | 244 | 225 | 199 | 165 | 122 | 75 |

4SR1.5

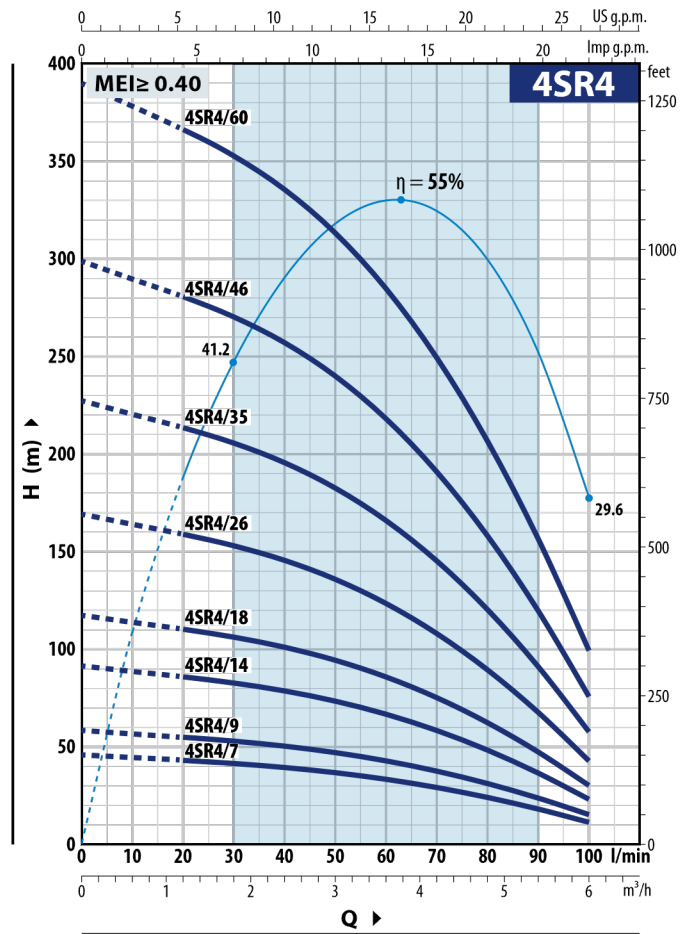
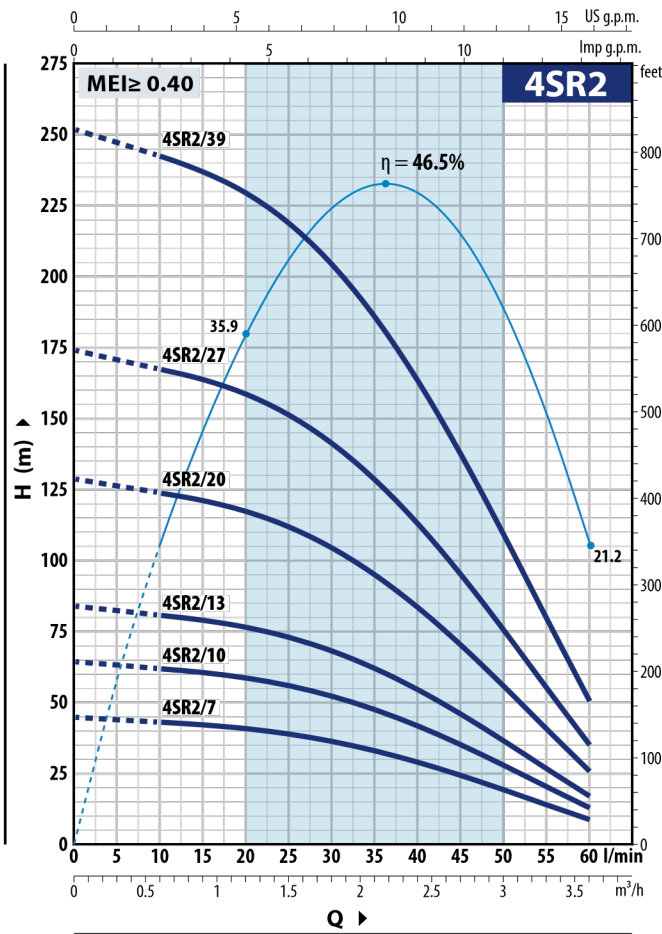
| MODEL | | MOC (P2) | | Q | m ³ /h | | | | | | | | | | |
|-------------|------------|----------|------|---------|-------------------|------|-----|------|------|------|------|------|------|------|--|
| Jednofazowa | Trójfazowa | kW | HP | | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | |
| 4SRm 1.5/8 | 4SR 1.5/8 | 0.37 | 0.50 | H metry | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | |
| 4SRm 1.5/13 | 4SR 1.5/13 | 0.55 | 0.75 | | 48 | 46.5 | 45 | 42.5 | 39 | 35 | 30.5 | 24.6 | 17.7 | 9.5 | |
| 4SRm 1.5/17 | 4SR 1.5/17 | 0.75 | 1 | | 78 | 76 | 73 | 69 | 63.5 | 57.5 | 49.5 | 40 | 28.5 | 15.5 | |
| 4SRm 1.5/25 | 4SR 1.5/25 | 1.1 | 1.5 | | 102 | 99 | 95 | 90 | 83 | 75 | 64.5 | 52 | 37.5 | 20.5 | |
| 4SRm 1.5/32 | 4SR 1.5/32 | 1.5 | 2 | | 150 | 146 | 140 | 132 | 123 | 110 | 95 | 77 | 55 | 30 | |
| 4SRm 1.5/46 | 4SR 1.5/46 | 2.2 | 3 | | 192 | 187 | 179 | 169 | 157 | 141 | 122 | 98 | 71 | 38.5 | |
| | | | | | 276 | 268 | 258 | 244 | 225 | 203 | 175 | 141 | 102 | 55 | |

Q = Wydajność H = Wysokość podnoszenia

Tolerancja charakterystyk wg EN ISO 9906 Grade 3B.

CHARAKTERYSTYKA POMP

50 Hz n = 2900 min⁻¹



4SR2

| MODEL | | MOC (P2) | | Q | H | | | | | | | |
|-------------|------------|----------|------|---------|------|------|------|------|------|------|------|-----|
| Jednofazowa | Trójfazowa | kW | HP | | m³/h | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 |
| | | | | l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | |
| 4SRm 2/7 | 4SR 2/7 | 0.37 | 0.50 | H metry | 45 | 43.5 | 41 | 36.5 | 29.5 | 19.6 | 9 | |
| 4SRm 2/10 | 4SR 2/10 | 0.55 | 0.75 | | 64.5 | 62 | 58.5 | 52.5 | 42 | 28 | 13 | |
| 4SRm 2/13 | 4SR 2/13 | 0.75 | 1 | | 84 | 81 | 76 | 68 | 54.5 | 36.5 | 17 | |
| 4SRm 2/20 | 4SR 2/20 | 1.1 | 1.5 | | 129 | 124 | 117 | 105 | 84 | 56 | 26 | |
| 4SRm 2/27 | 4SR 2/27 | 1.5 | 2 | | 174 | 167 | 159 | 141 | 113 | 75 | 35 | |
| 4SRm 2/39 | 4SR 2/39 | 2.2 | 3 | | 252 | 242 | 229 | 204 | 163 | 109 | 50.5 | |

4SR4

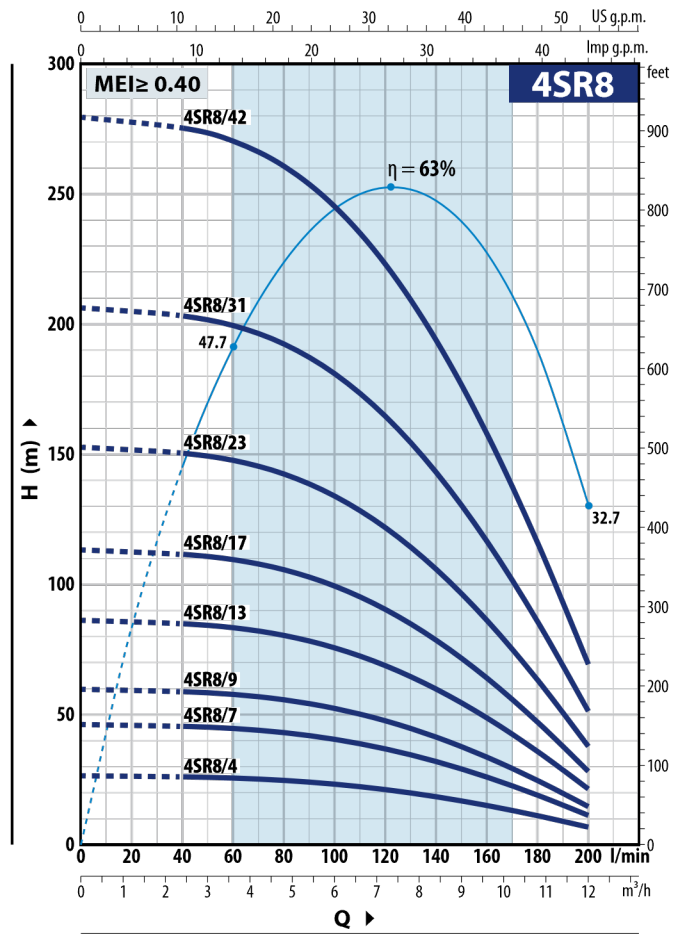
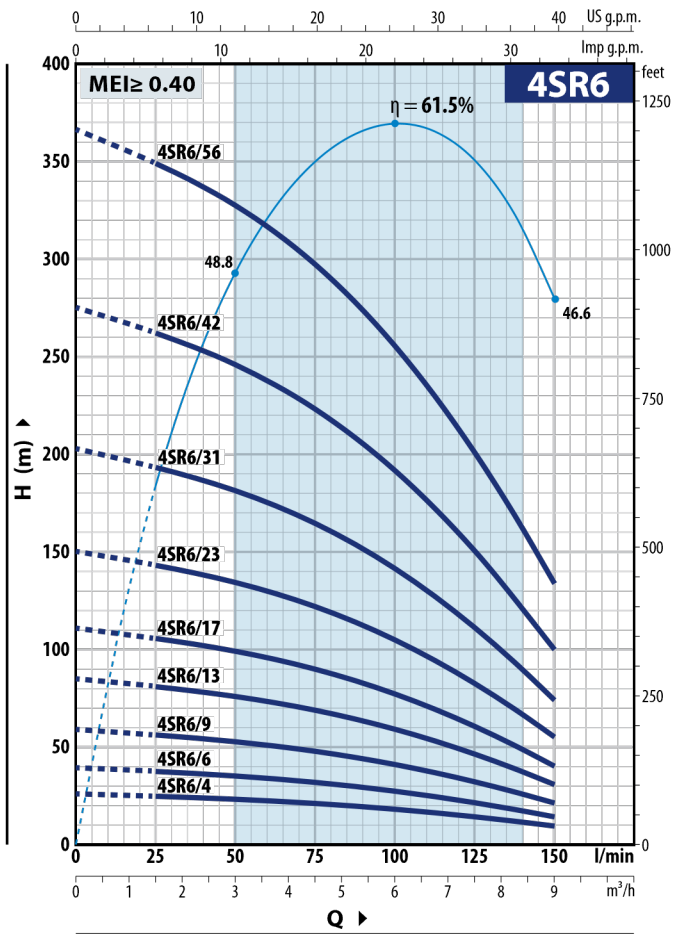
| MODEL | | MOC (P2) | | Q | H | | | | | | | | | |
|-------------|------------|----------|------|---------|------|------|-----|------|------|------|------|------|------|------|
| Jednofazowa | Trójfazowa | kW | HP | | m³/h | 0 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 |
| | | | | l/min | 0 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 4SRm 4/7 | 4SR 4/7 | 0.55 | 0.75 | H metry | 45.5 | 42.5 | 41 | 39 | 36.5 | 33 | 29 | 24.1 | 18.2 | 11.5 |
| 4SRm 4/9 | 4SR 4/9 | 0.75 | 1 | | 58.5 | 55 | 53 | 50.5 | 47 | 42.5 | 37.5 | 31 | 23.4 | 15 |
| 4SRm 4/14 | 4SR 4/14 | 1.1 | 1.5 | | 91 | 85 | 82 | 78 | 73 | 66.5 | 58 | 48 | 36.5 | 23 |
| 4SRm 4/18 | 4SR 4/18 | 1.5 | 2 | | 117 | 110 | 106 | 101 | 94 | 85 | 75 | 62 | 47 | 29.5 |
| 4SRm 4/26 | 4SR 4/26 | 2.2 | 3 | | 169 | 159 | 153 | 145 | 136 | 123 | 108 | 89 | 67.5 | 43 |
| - | 4SR 4/35 | 3 | 4 | | 228 | 214 | 206 | 196 | 183 | 166 | 145 | 120 | 91 | 57.5 |
| - | 4SR 4/46 | 4 | 5.5 | | 299 | 281 | 270 | 257 | 240 | 218 | 191 | 158 | 120 | 76 |
| - | 4SR 4/60 | 5.5 | 7.5 | | 390 | 366 | 353 | 336 | 313 | 285 | 249 | 206 | 156 | 99 |

Q = Wydajność H = Wysokość podnoszenia

Tolerancja charakterystyk wg EN ISO 9906 Grade 3B.

CHARAKTERYSTYKA POMP

50 Hz n = 2900 min⁻¹



4SR6

| MODEL | | MOC (P2) | | Q m ³ /h l/min | H | | | | | | |
|-------------|------------|----------|------|---------------------------------|------|------|------|------|------|------|------|
| Jednofazowa | Trójfazowa | kW | HP | | 0 | 1.5 | 3.0 | 4.5 | 6.0 | 7.5 | 9.0 |
| 4SRm 6/4 | 4SR 6/4 | 0.55 | 0.75 | 0 | 26 | 25 | 23.4 | 21.2 | 18.3 | 14.3 | 9.5 |
| 4SRm 6/6 | 4SR 6/6 | 0.75 | 1 | 25 | 39.5 | 37.5 | 35 | 32 | 27.5 | 21.5 | 14.5 |
| 4SRm 6/9 | 4SR 6/9 | 1.1 | 1.5 | 50 | 59 | 56 | 52.5 | 48 | 41 | 32.5 | 21.5 |
| 4SRm 6/13 | 4SR 6/13 | 1.5 | 2 | 75 | 85 | 81 | 76 | 69 | 59.5 | 46.5 | 31 |
| 4SRm 6/17 | 4SR 6/17 | 2.2 | 3 | 100 | 111 | 106 | 99 | 90 | 78 | 61 | 40.5 |
| - | 4SR 6/23 | 3 | 4 | 150 | 151 | 143 | 135 | 122 | 105 | 82 | 55 |
| - | 4SR 6/31 | 4 | 5.5 | 200 | 203 | 193 | 181 | 165 | 141 | 111 | 74 |
| - | 4SR 6/42 | 5.5 | 7.5 | 300 | 275 | 262 | 246 | 223 | 192 | 151 | 100 |
| - | 4SR 6/56 | 7.5 | 10 | 400 | 367 | 349 | 328 | 297 | 256 | 201 | 134 |

4SR8

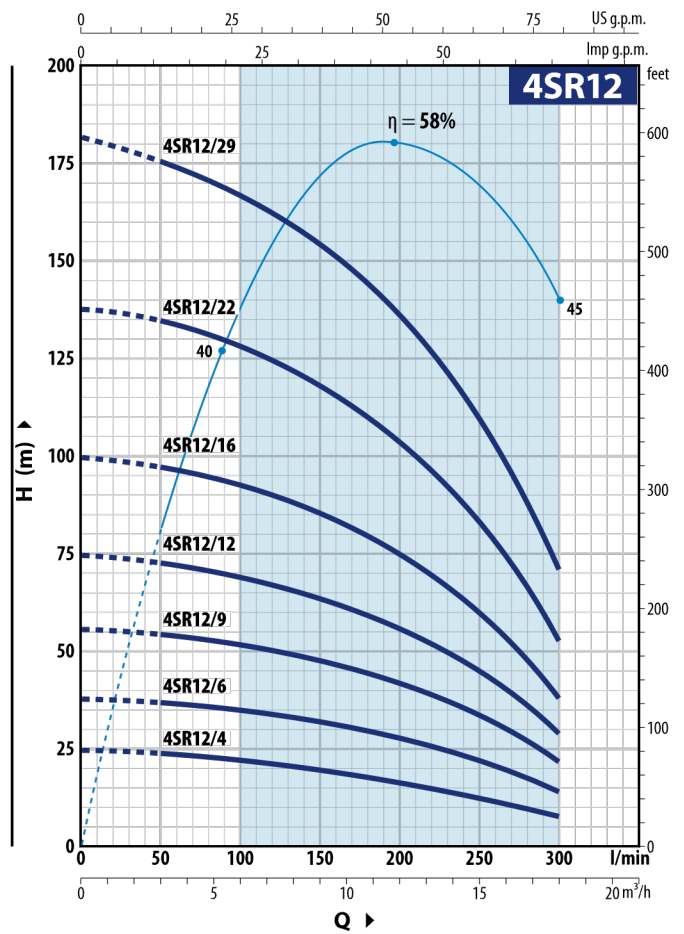
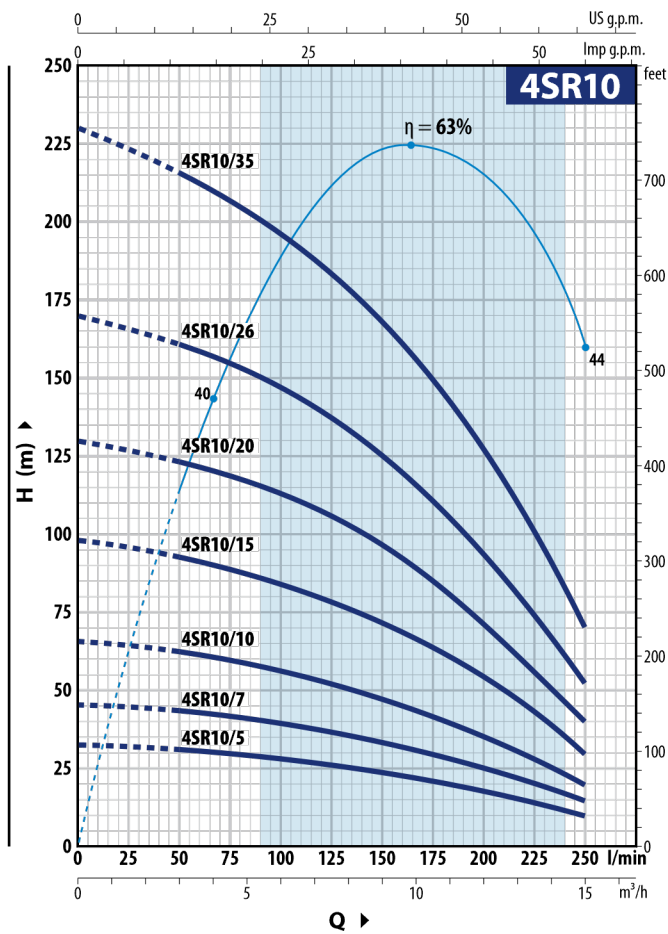
| MODEL | | MOC (P2) | | Q m ³ /h l/min | H | | | | | | | | | | | |
|-------------|------------|----------|-----|---------------------------------|------|-----|------|------|------|------|------|------|------|------|--|--|
| Jednofazowa | Trójfazowa | kW | HP | | 0 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12.0 | | |
| 4SRm 8/4 | 4SR 8/4 | 0.75 | 1 | 0 | 26.5 | 26 | 25.7 | 24.8 | 23.3 | 21.2 | 18.4 | 15 | 11 | 6.5 | | |
| 4SRm 8/7 | 4SR 8/7 | 1.1 | 1.5 | 40 | 46.5 | 46 | 45 | 43.5 | 41 | 37 | 32.5 | 26.3 | 19.3 | 11.5 | | |
| 4SRm 8/9 | 4SR 8/9 | 1.5 | 2 | 60 | 60 | 59 | 58 | 56 | 52.5 | 47.5 | 41.5 | 34 | 24.8 | 15 | | |
| 4SRm 8/13 | 4SR 8/13 | 2.2 | 3 | 80 | 86 | 85 | 84 | 81 | 76 | 69 | 60 | 49 | 36 | 21.5 | | |
| - | 4SR 8/17 | 3 | 4 | 100 | 113 | 111 | 109 | 105 | 99 | 90 | 78 | 64 | 47 | 28 | | |
| - | 4SR 8/23 | 4 | 5.5 | 120 | 153 | 151 | 148 | 143 | 134 | 122 | 106 | 86 | 63.5 | 38 | | |
| - | 4SR 8/31 | 5.5 | 7.5 | 140 | 206 | 203 | 199 | 192 | 181 | 164 | 143 | 116 | 85 | 51 | | |
| - | 4SR 8/42 | 7.5 | 10 | 160 | 279 | 275 | 270 | 260 | 245 | 223 | 194 | 158 | 116 | 69.5 | | |

Q = Wydajność H = Wysokość podnoszenia

Tolerancja charakterystyk wg EN ISO 9906 Grade 3B.

CHARAKTERYSTYKA POMP

50 Hz n = 2900 min⁻¹



4SR10

● MODELE DO SPRZEDANIA TYLKO POZA UE

| MODEL | | MOC (P2) | | Q | m³/h | | | | | | | | | | | | | | |
|-------------|------------|----------|-----|---------|------|-----|-----|-----|-----|-----|------|-----|------|------|--|--|--|--|--|
| Jednofazowa | Trójfazowa | kW | HP | | 0 | 3.0 | 4.5 | 6.0 | 7.5 | 9.0 | 10.5 | 12 | 13.5 | 15.0 | | | | | |
| | | | | l/min | 0 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | | | | | |
| 4SRm 10/5 | 4SR 10/5 | 1.1 | 1.5 | H metry | 33 | 31 | 30 | 28 | 26 | 24 | 21 | 18 | 14 | 10 | | | | | |
| 4SRm 10/7 | 4SR 10/7 | 1.5 | 2 | | 46 | 43 | 41 | 39 | 37 | 34 | 30 | 25 | 20 | 15 | | | | | |
| 4SRm 10/10 | 4SR 10/10 | 2.2 | 3 | | 66 | 62 | 59 | 56 | 53 | 48 | 42 | 36 | 28 | 20 | | | | | |
| - | 4SR 10/15 | 3 | 4 | | 98 | 92 | 88 | 84 | 79 | 72 | 64 | 53 | 42 | 30 | | | | | |
| - | 4SR 10/20 | 4 | 5.5 | | 130 | 123 | 118 | 112 | 106 | 96 | 85 | 71 | 56 | 40 | | | | | |
| - | 4SR 10/26 | 5.5 | 7.5 | | 170 | 160 | 154 | 147 | 138 | 126 | 110 | 94 | 72 | 52 | | | | | |
| - | 4SR 10/35 | 7.5 | 10 | | 230 | 216 | 208 | 197 | 184 | 168 | 148 | 126 | 100 | 70 | | | | | |

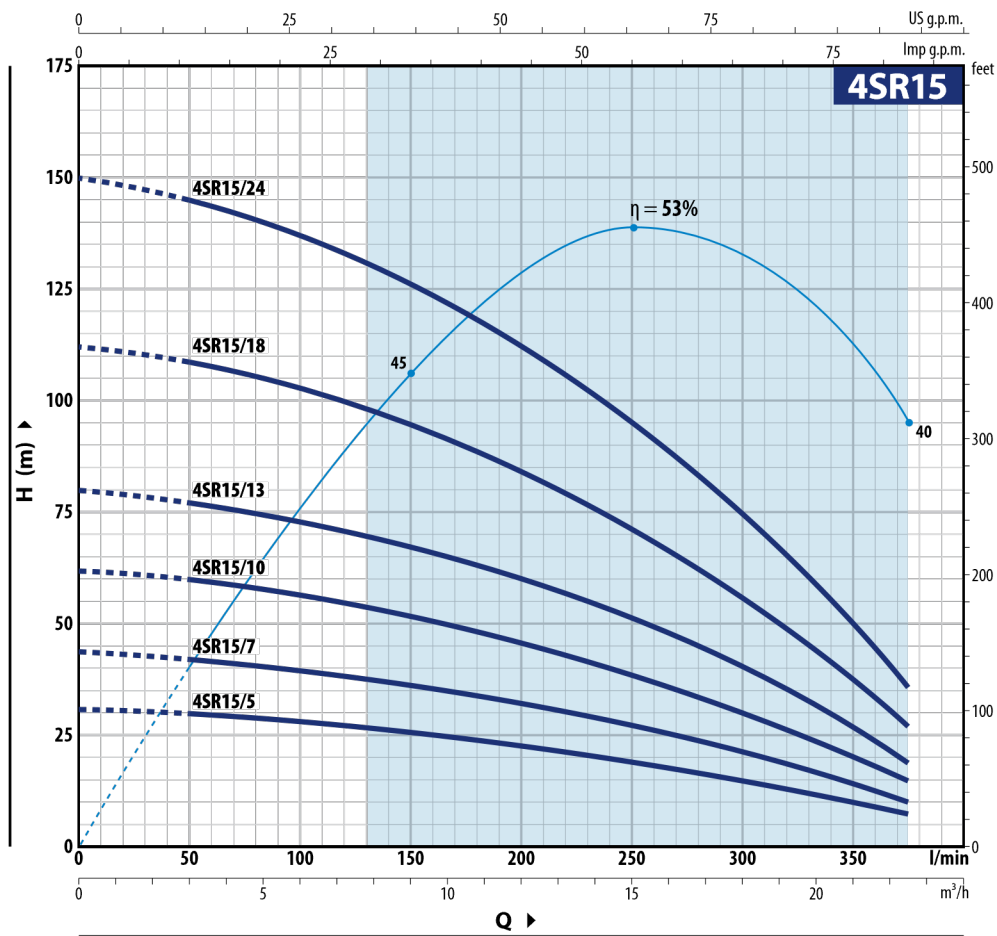
4SR12

● MODELE DO SPRZEDANIA TYLKO POZA UE

| MODEL | | MOC (P2) | | Q | m³/h | | | | | | | | | | | | | | |
|-------------|------------|----------|-----|---------|------|-----|-----|-----|------|------|------|------|------|------|--|--|--|--|--|
| Jednofazowa | Trójfazowa | kW | HP | | 0 | 3.0 | 6.0 | 9.0 | 12.0 | 13.2 | 14.4 | 15.6 | 16.8 | 18.0 | | | | | |
| | | | | l/min | 0 | 50 | 100 | 150 | 200 | 220 | 240 | 260 | 280 | 300 | | | | | |
| 4SRm 12/4 | 4SR 12/4 | 1.1 | 1.5 | H metry | 25 | 24 | 22 | 19 | 16 | 15 | 14 | 12 | 11 | 8 | | | | | |
| 4SRm 12/6 | 4SR 12/6 | 1.5 | 2 | | 38 | 37 | 35 | 32 | 28 | 26 | 24 | 21 | 18 | 14 | | | | | |
| 4SRm 12/9 | 4SR 12/9 | 2.2 | 3 | | 56 | 55 | 52 | 48 | 42 | 39 | 36 | 32 | 27 | 22 | | | | | |
| - | 4SR 12/12 | 3 | 4 | | 75 | 73 | 69 | 64 | 56 | 52 | 48 | 43 | 36 | 29 | | | | | |
| - | 4SR 12/16 | 4 | 5.5 | | 100 | 97 | 93 | 86 | 75 | 70 | 64 | 57 | 48 | 38 | | | | | |
| - | 4SR 12/22 | 5.5 | 7.5 | | 138 | 135 | 127 | 118 | 103 | 96 | 88 | 78 | 66 | 53 | | | | | |
| - | 4SR 12/29 | 7.5 | 10 | | 182 | 176 | 167 | 155 | 135 | 126 | 116 | 103 | 88 | 71 | | | | | |

CHARAKTERYSTYKA POMP

50 Hz n= 2900 min⁻¹



4SR15

● MODELE DO SPRZEDANIA TYLKO POZA UE

| MODEL | | MOC (P2) | | Q | H | | | | | | | | | | |
|-------------|------------|----------|-----|---------|-------------------|-----|-----|-----|-----|------|------|------|------|------|--|
| Jednofazowa | Trójfazowa | kW | HP | | m ³ /h | 0 | 3.0 | 6.0 | 9.0 | 12.0 | 15.0 | 18.0 | 21.0 | 22.5 | |
| | | | | l/min | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 375 | | |
| 4SRm 15/5 | 4SR15/5 | 1.5 | 2 | H metry | 31 | 30 | 28 | 26 | 23 | 20 | 15 | 10 | 7.5 | | |
| 4SRm 15/7 | 4SR15/7 | 2.2 | 3 | | 44 | 42 | 40 | 37 | 32 | 27 | 20 | 13 | 10 | | |
| - | 4SR15/10 | 3 | 4 | | 62 | 60 | 57 | 52 | 46 | 38 | 30 | 20 | 15 | | |
| - | 4SR15/13 | 4 | 5.5 | | 80 | 77 | 72 | 68 | 60 | 50 | 40 | 25 | 19 | | |
| - | 4SR15/18 | 5.5 | 7.5 | | 112 | 108 | 102 | 95 | 85 | 71 | 55 | 37 | 27 | | |
| - | 4SR15/24 | 7.5 | 10 | | 150 | 145 | 138 | 126 | 112 | 95 | 75 | 50 | 36 | | |

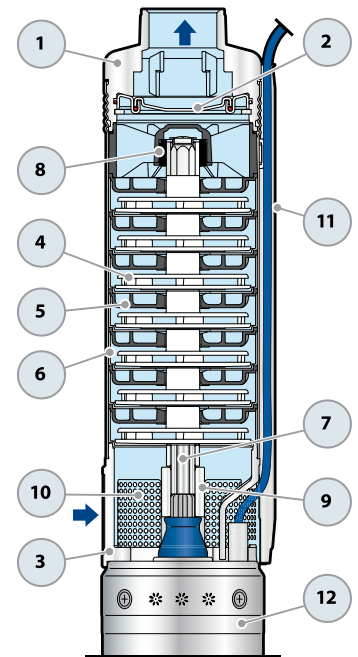
Q = Wydajność H = Wysokość podnoszenia

Tolerancja charakterystyk wg EN ISO 9906 Grade 3B.

POZ. ELEMENT

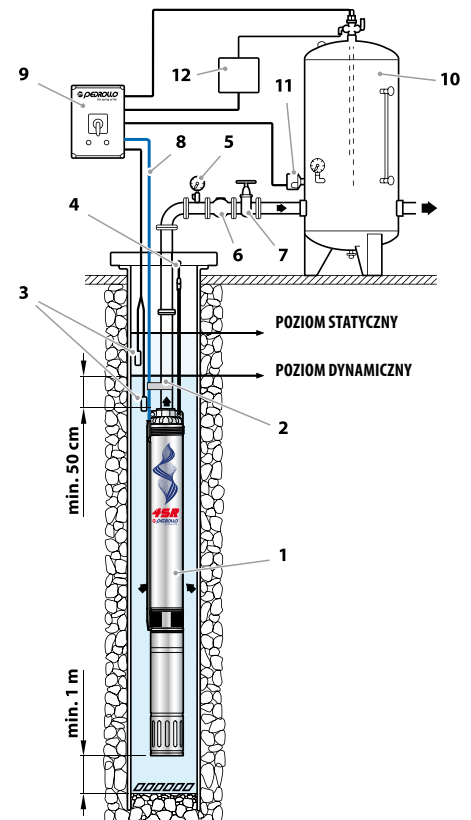
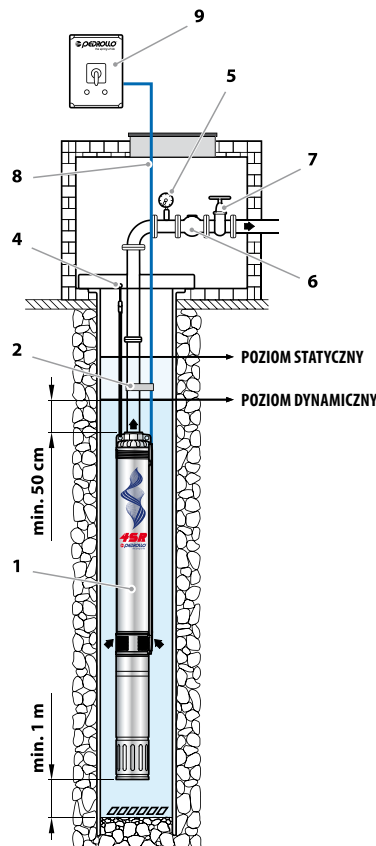
DANE KONSTRUKCYJNE

| | | |
|----|-------------------------|---|
| 1 | GŁOWICA POMPY | Precyzyjnie odlew stali nierdzewnej AISI 304 w komplecie z gwintowanym króćcem przyłączeniowym zgodnie z ISO 228/1 |
| 2 | ZAWÓR ZWROTNY | Stal nierdzewna AISI 304 |
| 3 | WSPORNIK SILNIKA | Stal nierdzewna AISI 304 in zgodność ze standardami NEMA |
| 4 | WIRNIK | Lexan |
| 5 | DYFUZOR | Noryl FE1520PW |
| 6 | OBUDOWA STOPNI | Stal nierdzewna AISI 304 |
| 7 | WAŁ POMPY | Stal nierdzewna AISI 304 |
| 8 | ŁÓŻYSKA POMPY | Specjalna obudowa z technopolimeru z wkładką z stali nierdzewnej AISI 316, chromowana, odporna na piasek tuleja wałka |
| 9 | ZŁĄCZKA SILNIKA | Stal nierdzewna AISI 316L do 2.2 kW; Stal nierdzewna AISI 304 dla wyższych mocy silnika |
| 10 | FILTR | Stal nierdzewna AISI 304 |
| 11 | OBUDOWA KABLA | Stal nierdzewna AISI 304 |
| 12 | MOTOR 4" | 4PD = zatapialny silnik głębinowy wypełniony olejem 4PS = zamknięty silnik chłodzony wodą |



TYPOWA INSTALACJA

- 1) Pompa głębinowa
- 2) Złącze kabla zasilającego
- 3) Czujnik poziomu; zabezpieczenie przed suchobiegiem
- 4) Uchwyt i lina zabezpieczająca
- 5) Manometr
- 6) Zawór zwrotny
- 7) Zasuwa, regulacja wydajności
- 8) Kabel zasilający
- 9) Skrzynka elektryczna
- 10) Zbiornik ciśnieniowy
- 11) Wyłącznik ciśnieniowy
- 12) Elektrozwór



► Pompy z serii 4SR powinny być instalowane w otworach o średnicy co najmniej 4" (100 mm). Pompę należy obniżyć do otworu wiertniczego za pomocą rury doprowadzającej na taką głębokość (min. 50 cm i co najmniej jeden metr od dołu), aby była całkowicie zanurzona podczas pracy, nawet gdy poziom wody w studni może się zmniejszyć. Dobrą praktyką jest zabezpieczenie pompy poprzez przymocowanie linki ze stali nierdzewnej do punktów kotwiczenia w głowicy pompy.

WYMIARY I WAGA (Tylko część hydrauliczna)

| MODEL Pompa | DN | WYMIARY mm | | | kg |
|------------------|------|------------|------|------|------|
| | | Ø | h1 | h | |
| 4SR 1/13 - HYD | 1¼" | 98 | 400 | 403 | 4.7 |
| 4SR 1/18 - HYD | | | 517 | 520 | 6.0 |
| 4SR 1/25 - HYD | | | 646 | 649 | 7.4 |
| 4SR 1/35 - HYD | | | 856 | 859 | 9.4 |
| 4SR 1/45 - HYD | | | 1065 | 1068 | 11.4 |
| 4SR 1.5/8 - HYD | | | 308 | 311 | 3.8 |
| 4SR 1.5/13 - HYD | | | 400 | 403 | 4.5 |
| 4SR 1.5/17 - HYD | | | 499 | 502 | 5.7 |
| 4SR 1.5/25 - HYD | | | 646 | 649 | 7.3 |
| 4SR 1.5/32 - HYD | | | 800 | 803 | 9.2 |
| 4SR 1.5/46 - HYD | | | 1134 | 1137 | 13.2 |
| 4SR 2/7 - HYD | | | 290 | 293 | 3.6 |
| 4SR 2/10 - HYD | | | 345 | 348 | 4.2 |
| 4SR 2/13 - HYD | | | 400 | 403 | 4.8 |
| 4SR 2/20 - HYD | | | 554 | 557 | 6.4 |
| 4SR 2/27 - HYD | | | 683 | 686 | 7.8 |
| 4SR 2/39 - HYD | | | 929 | 932 | 10.5 |
| 4SR 4/7 - HYD | | | 314 | 317 | 3.8 |
| 4SR 4/9 - HYD | | | 358 | 361 | 4.3 |
| 4SR 4/14 - HYD | | | 468 | 471 | 5.4 |
| 4SR 4/18 - HYD | 580 | 583 | 6.6 | | |
| 4SR 4/26 - HYD | 756 | 759 | 8.3 | | |
| 4SR 4/35 - HYD | 978 | 981 | 10.7 | | |
| 4SR 4/46 - HYD | 1295 | 1298 | 15.0 | | |
| 4SR 4/60 - HYD | 1652 | 1655 | 24.3 | | |
| 4SR 6/4 - HYD | 2" | 98 | 281 | 284 | 3.7 |
| 4SR 6/6 - HYD | | | 341 | 344 | 4.0 |
| 4SR 6/9 - HYD | | | 431 | 434 | 4.8 |
| 4SR 6/13 - HYD | | | 576 | 579 | 6.1 |
| 4SR 6/17 - HYD | | | 695 | 698 | 7.3 |
| 4SR 6/23 - HYD | | | 900 | 903 | 9.3 |
| 4SR 6/31 - HYD | | | 1164 | 1167 | 11.6 |
| 4SR 6/42 - HYD | | | 1519 | 1522 | 20.6 |
| 4SR 6/56 - HYD | | | 2063 | 2066 | 22.0 |
| 4SR 8/4 - HYD | | | 281 | 284 | 3.5 |
| 4SR 8/7 - HYD | | | 371 | 374 | 4.2 |
| 4SR 8/9 - HYD | | | 431 | 434 | 4.7 |
| 4SR 8/13 - HYD | | | 576 | 579 | 6.1 |
| 4SR 8/17 - HYD | | | 695 | 698 | 7.2 |
| 4SR 8/23 - HYD | | | 900 | 903 | 9.3 |
| 4SR 8/31 - HYD | | | 1164 | 1167 | 16.7 |
| 4SR 8/42 - HYD | | | 1519 | 1522 | 14.9 |
| 4SR 10/5 - HYD | | | 416 | 419 | 4.4 |
| 4SR 10/7 - HYD | | | 518 | 521 | 5.3 |
| 4SR 10/10 - HYD | | | 709 | 712 | 6.9 |
| 4SR 10/15 - HYD | 1001 | 1004 | 9.5 | | |
| 4SR 10/20 - HYD | 1256 | 1259 | 12.0 | | |
| 4SR 10/26 - HYD | 1599 | 1602 | 15.7 | | |
| 4SR 10/35 - HYD | 2095 | 2098 | 19.7 | | |
| 4SR 12/4 - HYD | 365 | 368 | 4.0 | | |
| 4SR 12/6 - HYD | 467 | 470 | 4.8 | | |
| 4SR 12/9 - HYD | 658 | 661 | 6.6 | | |
| 4SR 12/12 - HYD | 810 | 813 | 8.1 | | |
| 4SR 12/16 - HYD | 1052 | 1055 | 9.6 | | |
| 4SR 12/22 - HYD | 1358 | 1361 | 12.8 | | |
| 4SR 12/29 - HYD | 1752 | 1755 | 15.9 | | |
| 4SR 15/5 - HYD | 421 | 424 | 4.5 | | |
| 4SR 15/7 - HYD | 525 | 528 | 5.3 | | |
| 4SR 15/10 - HYD | 719 | 722 | 7.0 | | |
| 4SR 15/13 - HYD | 874 | 877 | 8.4 | | |
| 4SR 15/18 - HYD | 1172 | 1175 | 11.1 | | |
| 4SR 15/24 - HYD | 1521 | 1524 | 14.0 | | |

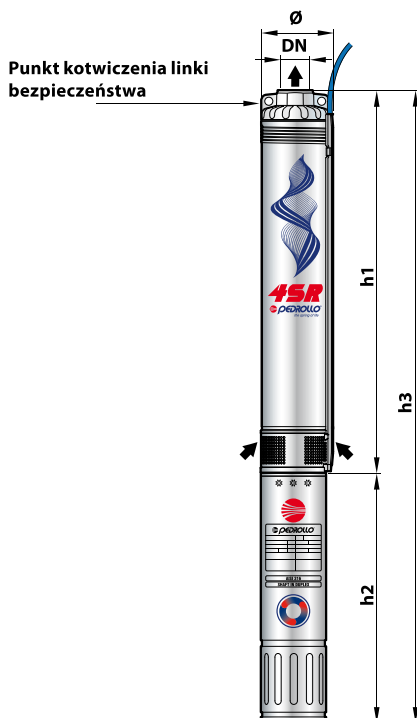


● MODELE DO SPRZEDANIA TYLKO POZA UE

WYMIARY I WAGA

| MODEL | DN | WYMIARY mm | | | | kg |
|------------------|--------|------------|------|------|------|------|
| | | Ø | h1 | h2 | h3 | |
| Jednofazowa | | | | | | |
| 4SRm 1/13 - PD | 1 1/4" | 98 | 400 | 311 | 711 | 11.2 |
| 4SRm 1/18 - PD | | | 517 | 331 | 848 | 13.2 |
| 4SRm 1/25 - PD | | | 646 | 356 | 1002 | 15.9 |
| 4SRm 1/35 - PD | | | 856 | 396 | 1252 | 19.6 |
| 4SRm 1/45 - PD | | | 1065 | 437 | 1502 | 23.1 |
| 4SRm 1.5/8 - PD | | | 308 | 311 | 619 | 10.3 |
| 4SRm 1.5/13 - PD | | | 400 | 331 | 731 | 11.7 |
| 4SRm 1.5/17 - PD | | | 499 | 356 | 855 | 14.2 |
| 4SRm 1.5/25 - PD | | | 646 | 396 | 1042 | 17.5 |
| 4SRm 1.5/32 - PD | | | 800 | 437 | 1237 | 20.9 |
| 4SRm 1.5/46 - PD | | | 1134 | 492 | 1626 | 28.1 |
| 4SRm 2/7 - PD | | | 290 | 311 | 601 | 10.1 |
| 4SRm 2/10 - PD | | | 345 | 331 | 676 | 11.4 |
| 4SRm 2/13 - PD | | | 400 | 356 | 756 | 13.3 |
| 4SRm 2/20 - PD | | | 554 | 396 | 950 | 16.6 |
| 4SRm 2/27 - PD | | | 683 | 437 | 1120 | 19.5 |
| 4SRm 2/39 - PD | | | 929 | 492 | 1421 | 25.4 |
| 4SRm 4/7 - PD | | | 314 | 331 | 645 | 11.0 |
| 4SRm 4/9 - PD | | | 358 | 356 | 714 | 12.8 |
| 4SRm 4/14 - PD | | | 468 | 396 | 864 | 15.6 |
| 4SRm 4/18 - PD | 580 | 437 | 1017 | 18.3 | | |
| 4SRm 4/26 - PD | 756 | 492 | 1248 | 23.2 | | |
| 4SRm 6/4 - PD | 2" | 98 | 281 | 331 | 612 | 10.9 |
| 4SRm 6/6 - PD | | | 341 | 356 | 697 | 12.5 |
| 4SRm 6/9 - PD | | | 431 | 396 | 827 | 15.0 |
| 4SRm 6/13 - PD | | | 576 | 437 | 1013 | 17.8 |
| 4SRm 6/17 - PD | | | 695 | 492 | 1187 | 22.2 |
| 4SRm 8/4 - PD | | | 281 | 356 | 637 | 12.0 |
| 4SRm 8/7 - PD | | | 371 | 396 | 767 | 14.4 |
| 4SRm 8/9 - PD | | | 431 | 437 | 868 | 16.4 |
| 4SRm 8/13 - PD | | | 576 | 492 | 1068 | 21.0 |
| 4SRm 10/5 - PD | | | 416 | 396 | 812 | 15.2 |
| 4SRm 10/7 - PD | | | 518 | 437 | 955 | 16.9 |
| 4SRm 10/10 - PD | | | 709 | 492 | 1201 | 21.7 |
| 4SRm 12/4 - PD | | | 365 | 396 | 761 | 14.7 |
| 4SRm 12/6 - PD | | | 467 | 437 | 904 | 15.8 |
| 4SRm 12/9 - PD | | | 658 | 492 | 1150 | 21.7 |
| 4SRm 15/5 - PD | | | 421 | 437 | 858 | 16.7 |
| 4SRm 15/7 - PD | | | 525 | 492 | 1017 | 20.7 |

| MODEL | DN | WYMIARY mm | | | | kg | | |
|-----------------|--------|------------|------|------|------|------|------|------|
| | | Ø | h1 | h2 | h3 | | | |
| Trójfazowa | | | | | | | | |
| 4SR 1/13 - PD | 1 1/4" | 98 | 400 | 311 | 711 | 11.2 | | |
| 4SR 1/18 - PD | | | 517 | 331 | 848 | 13.2 | | |
| 4SR 1/25 - PD | | | 646 | 356 | 1002 | 15.9 | | |
| 4SR 1/35 - PD | | | 856 | 371 | 1227 | 18.8 | | |
| 4SR 1/45 - PD | | | 1065 | 396 | 1461 | 21.6 | | |
| 4SR 1.5/8 - PD | | | 308 | 311 | 619 | 10.3 | | |
| 4SR 1.5/13 - PD | | | 400 | 331 | 731 | 11.7 | | |
| 4SR 1.5/17 - PD | | | 499 | 356 | 855 | 14.2 | | |
| 4SR 1.5/25 - PD | | | 646 | 371 | 1017 | 16.7 | | |
| 4SR 1.5/32 - PD | | | 800 | 396 | 1196 | 19.4 | | |
| 4SR 1.5/46 - PD | | | 1134 | 437 | 1571 | 24.9 | | |
| 4SR 2/7 - PD | | | 290 | 311 | 601 | 10.1 | | |
| 4SR 2/10 - PD | | | 345 | 331 | 676 | 11.4 | | |
| 4SR 2/13 - PD | | | 400 | 356 | 756 | 13.3 | | |
| 4SR 2/20 - PD | | | 554 | 371 | 925 | 15.8 | | |
| 4SR 2/27 - PD | | | 683 | 396 | 1079 | 18.0 | | |
| 4SR 2/39 - PD | | | 929 | 437 | 1366 | 22.2 | | |
| 4SR 4/7 - PD | | | 314 | 331 | 645 | 11.0 | | |
| 4SR 4/9 - PD | | | 358 | 356 | 714 | 12.8 | | |
| 4SR 4/14 - PD | | | 468 | 371 | 839 | 14.8 | | |
| 4SR 4/18 - PD | 580 | 396 | 976 | 16.8 | | | | |
| 4SR 4/26 - PD | 756 | 437 | 1193 | 20.0 | | | | |
| 4SR 4/35 - PD | 978 | 450 | 1428 | 23.9 | | | | |
| 4SR 4/46 - PD | 1295 | 505 | 1800 | 31.1 | | | | |
| 4SR 4/60 - PD | 1652 | 590 | 2242 | 44.1 | | | | |
| 4SR 6/4 - PD | 2" | 98 | 281 | 331 | 612 | 10.9 | | |
| 4SR 6/6 - PD | | | 341 | 356 | 697 | 12.5 | | |
| 4SR 6/9 - PD | | | 431 | 371 | 802 | 14.2 | | |
| 4SR 6/13 - PD | | | 576 | 396 | 972 | 16.3 | | |
| 4SR 6/17 - PD | | | 695 | 437 | 1132 | 19.0 | | |
| 4SR 6/23 - PD | | | 900 | 450 | 1350 | 22.5 | | |
| 4SR 6/31 - PD | | | 1164 | 505 | 1669 | 27.7 | | |
| 4SR 6/42 - PD | | | 1519 | 590 | 2109 | 40.4 | | |
| 4SR 6/56 - PD | | | 2063 | 800 | 2863 | 51.0 | | |
| 4SR 8/4 - PD | | | 281 | 356 | 637 | 12.0 | | |
| 4SR 8/7 - PD | | | 371 | 371 | 742 | 13.6 | | |
| 4SR 8/9 - PD | | | 431 | 396 | 827 | 14.9 | | |
| 4SR 8/13 - PD | | | 576 | 437 | 1013 | 17.8 | | |
| 4SR 8/17 - PD | | | 695 | 450 | 1145 | 20.4 | | |
| 4SR 8/23 - PD | | | 900 | 505 | 1405 | 25.4 | | |
| 4SR 8/31 - PD | | | 1164 | 590 | 1754 | 36.5 | | |
| 4SR 8/42 - PD | | | 1519 | 800 | 2319 | 43.9 | | |
| 4SR 10/5 - PD | | | 2" | 98 | 416 | 371 | 787 | 14.3 |
| 4SR 10/7 - PD | | | | | 518 | 396 | 914 | 16.0 |
| 4SR 10/10 - PD | | | | | 709 | 437 | 1146 | 19.1 |
| 4SR 10/15 - PD | 1001 | 450 | | | 1451 | 23.2 | | |
| 4SR 10/20 - PD | 1256 | 505 | | | 1761 | 30.7 | | |
| 4SR 10/26 - PD | 1599 | 590 | | | 2189 | 35.8 | | |
| 4SR 10/35 - PD | 2095 | 800 | | | 2895 | 49.2 | | |
| 4SR 12/4 - PD | 365 | 371 | | | 736 | 12.5 | | |
| 4SR 12/6 - PD | 467 | 396 | | | 863 | 16.8 | | |
| 4SR 12/9 - PD | 658 | 437 | | | 1095 | 18.8 | | |
| 4SR 12/12 - PD | 810 | 450 | | | 1260 | 22.0 | | |
| 4SR 12/16 - PD | 1052 | 505 | | | 1557 | 26.2 | | |
| 4SR 12/22 - PD | 1358 | 590 | | | 1948 | 31.9 | | |
| 4SR 12/29 - PD | 1752 | 800 | | | 2552 | 46.3 | | |
| 4SR 15/5 - PD | 421 | 396 | | | 817 | 15.2 | | |
| 4SR 15/7 - PD | 525 | 437 | | | 962 | 16.5 | | |
| 4SR 15/10 - PD | 719 | 450 | | | 1169 | 22.1 | | |
| 4SR 15/13 - PD | 874 | 505 | | | 1379 | 24.6 | | |
| 4SR 15/18 - PD | 1172 | 590 | | | 1762 | 30.7 | | |
| 4SR 15/24 - PD | 1521 | 800 | | | 2321 | 43.5 | | |



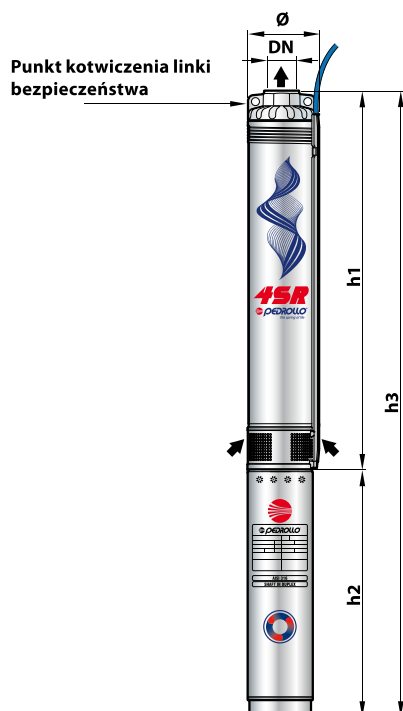
4PD = zasilany silnik głębinowy wypełniony olejem

● MODELE DO SPRZEDANIA TYLKO POZA UE

WYMIARY I WAGA

| MODEL | DN | WYMIARY mm | | | kg | |
|------------------|--------|------------|------|------|------|------|
| | | Ø | h1 | h2 | | h3 |
| Jednofazowa | | | | | | |
| 4SRm 1/13 - PS | 1 1/4" | 98 | 400 | 237 | 637 | 11.5 |
| 4SRm 1/18 - PS | | | 517 | 257 | 774 | 13.9 |
| 4SRm 1/25 - PS | | | 646 | 272 | 918 | 16.5 |
| 4SRm 1/35 - PS | | | 856 | 312 | 1168 | 20.6 |
| 4SRm 1/45 - PS | | | 1065 | 352 | 1417 | 24.8 |
| 4SRm 1.5/8 - PS | | | 308 | 237 | 545 | 10.6 |
| 4SRm 1.5/13 - PS | | | 400 | 257 | 657 | 12.4 |
| 4SRm 1.5/17 - PS | | | 499 | 272 | 771 | 14.8 |
| 4SRm 1.5/25 - PS | | | 646 | 312 | 958 | 18.5 |
| 4SRm 1.5/32 - PS | | | 800 | 352 | 1152 | 22.6 |
| 4SRm 1.5/46 - PS | | | 1134 | 402 | 1536 | 27.4 |
| 4SRm 2/7 - PS | | | 290 | 237 | 527 | 10.4 |
| 4SRm 2/10 - PS | | | 345 | 257 | 602 | 12.1 |
| 4SRm 2/13 - PS | | | 400 | 272 | 672 | 13.9 |
| 4SRm 2/20 - PS | | | 554 | 312 | 866 | 17.6 |
| 4SRm 2/27 - PS | | | 683 | 352 | 1035 | 21.2 |
| 4SRm 2/39 - PS | | | 929 | 402 | 1331 | 24.7 |
| 4SRm 4/7 - PS | | | 314 | 257 | 571 | 11.7 |
| 4SRm 4/9 - PS | | | 358 | 272 | 630 | 13.4 |
| 4SRm 4/14 - PS | | | 468 | 312 | 780 | 16.6 |
| 4SRm 4/18 - PS | 580 | 352 | 932 | 20.0 | | |
| 4SRm 4/26 - PS | 756 | 402 | 1158 | 22.5 | | |
| 4SRm 6/4 - PS | 2" | 98 | 281 | 257 | 538 | 11.6 |
| 4SRm 6/6 - PS | | | 341 | 272 | 613 | 13.1 |
| 4SRm 6/9 - PS | | | 431 | 312 | 743 | 16.0 |
| 4SRm 6/13 - PS | | | 576 | 352 | 928 | 19.5 |
| 4SRm 6/17 - PS | | | 695 | 402 | 1097 | 21.5 |
| 4SRm 8/4 - PS | | | 281 | 272 | 553 | 12.6 |
| 4SRm 8/7 - PS | | | 371 | 312 | 683 | 15.4 |
| 4SRm 8/9 - PS | | | 431 | 352 | 783 | 18.1 |
| 4SRm 8/13 - PS | | | 576 | 402 | 978 | 20.3 |
| 4SRm 10/5 - PS | | | 416 | 312 | 728 | 16.2 |
| 4SRm 10/7 - PS | | | 518 | 352 | 870 | 18.6 |
| 4SRm 10/10 - PS | | | 709 | 402 | 1111 | 21.0 |
| 4SRm 12/4 - PS | | | 365 | 312 | 677 | 15.7 |
| 4SRm 12/6 - PS | | | 467 | 352 | 819 | 17.5 |
| 4SRm 12/9 - PS | | | 658 | 402 | 1060 | 21.0 |
| 4SRm 15/5 - PS | | | 421 | 352 | 773 | 18.4 |
| 4SRm 15/7 - PS | | | 525 | 402 | 927 | 20.0 |

| MODEL | DN | WYMIARY mm | | | kg | | | |
|-----------------|--------|------------|------|------|------|------|------|------|
| | | Ø | h1 | h2 | | h3 | | |
| Trójfazowa | | | | | | | | |
| 4SR 1/13 - PS | 1 1/4" | 98 | 400 | 237 | 637 | 11.5 | | |
| 4SR 1/18 - PS | | | 517 | 237 | 754 | 12.8 | | |
| 4SR 1/25 - PS | | | 646 | 257 | 903 | 15.3 | | |
| 4SR 1/35 - PS | | | 856 | 272 | 1128 | 18.5 | | |
| 4SR 1/45 - PS | | | 1065 | 297 | 1362 | 22.6 | | |
| 4SR 1.5/8 - PS | | | 308 | 237 | 545 | 10.6 | | |
| 4SR 1.5/13 - PS | | | 400 | 237 | 637 | 11.3 | | |
| 4SR 1.5/17 - PS | | | 499 | 257 | 756 | 13.6 | | |
| 4SR 1.5/25 - PS | | | 646 | 272 | 918 | 16.4 | | |
| 4SR 1.5/32 - PS | | | 800 | 297 | 1097 | 20.4 | | |
| 4SR 1.5/46 - PS | | | 1134 | 352 | 1486 | 26.6 | | |
| 4SR 2/7 - PS | | | 290 | 237 | 527 | 10.4 | | |
| 4SR 2/10 - PS | | | 345 | 237 | 582 | 11.0 | | |
| 4SR 2/13 - PS | | | 400 | 257 | 657 | 12.7 | | |
| 4SR 2/20 - PS | | | 554 | 272 | 826 | 15.5 | | |
| 4SR 2/27 - PS | | | 683 | 297 | 980 | 19.0 | | |
| 4SR 2/39 - PS | | | 929 | 352 | 1281 | 23.9 | | |
| 4SR 4/7 - PS | | | 314 | 237 | 551 | 10.6 | | |
| 4SR 4/9 - PS | | | 358 | 257 | 615 | 12.2 | | |
| 4SR 4/14 - PS | | | 468 | 272 | 740 | 14.5 | | |
| 4SR 4/18 - PS | 580 | 297 | 877 | 17.8 | | | | |
| 4SR 4/26 - PS | 756 | 352 | 1108 | 21.7 | | | | |
| 4SR 4/35 - PS | 978 | 484 | 1462 | 27.7 | | | | |
| 4SR 4/46 - PS | 1295 | 574 | 1869 | 38.4 | | | | |
| 4SR 4/60 - PS | 1652 | 664 | 2316 | 52.1 | | | | |
| 4SR 6/4 - PS | 98 | 98 | 281 | 237 | 518 | 10.5 | | |
| 4SR 6/6 - PS | | | 341 | 257 | 598 | 11.9 | | |
| 4SR 6/9 - PS | | | 431 | 272 | 703 | 13.9 | | |
| 4SR 6/13 - PS | | | 576 | 297 | 873 | 17.3 | | |
| 4SR 6/17 - PS | | | 695 | 352 | 1047 | 20.7 | | |
| 4SR 6/23 - PS | | | 900 | 484 | 1384 | 26.3 | | |
| 4SR 6/31 - PS | | | 1164 | 574 | 1738 | 35.0 | | |
| 4SR 6/42 - PS | | | 1519 | 664 | 2183 | 48.4 | | |
| 4SR 6/56 - PS | | | 2063 | 764 | 2827 | 53.4 | | |
| 4SR 8/4 - PS | | | 281 | 257 | 538 | 11.4 | | |
| 4SR 8/7 - PS | | | 371 | 272 | 643 | 13.3 | | |
| 4SR 8/9 - PS | | | 431 | 297 | 728 | 15.9 | | |
| 4SR 8/13 - PS | | | 576 | 352 | 928 | 19.5 | | |
| 4SR 8/17 - PS | | | 695 | 484 | 1179 | 24.2 | | |
| 4SR 8/23 - PS | | | 900 | 574 | 1474 | 32.7 | | |
| 4SR 8/31 - PS | | | 1164 | 664 | 1828 | 44.5 | | |
| 4SR 8/42 - PS | | | 1519 | 764 | 2283 | 46.3 | | |
| 4SR 10/5 - PS | | | 2" | 98 | 416 | 272 | 688 | 14.0 |
| 4SR 10/7 - PS | | | | | 518 | 297 | 815 | 17.0 |
| 4SR 10/10 - PS | | | | | 709 | 352 | 1061 | 20.8 |
| 4SR 10/15 - PS | 1001 | 484 | | | 1485 | 27.0 | | |
| 4SR 10/20 - PS | 1256 | 574 | | | 1830 | 38.0 | | |
| 4SR 10/26 - PS | 1599 | 664 | | | 2263 | 43.8 | | |
| 4SR 10/35 - PS | 2095 | 764 | | | 2859 | 51.6 | | |
| 4SR 12/4 - PS | 365 | 272 | | | 637 | 12.2 | | |
| 4SR 12/6 - PS | 467 | 297 | | | 764 | 17.8 | | |
| 4SR 12/9 - PS | 658 | 352 | | | 1010 | 20.5 | | |
| 4SR 12/12 - PS | 810 | 484 | | | 1294 | 25.8 | | |
| 4SR 12/16 - PS | 1052 | 574 | | | 1626 | 33.5 | | |
| 4SR 12/22 - PS | 1358 | 664 | | | 2022 | 39.9 | | |
| 4SR 12/29 - PS | 1752 | 764 | | | 2516 | 48.7 | | |
| 4SR 15/5 - PS | 421 | 297 | | | 718 | 16.2 | | |
| 4SR 15/7 - PS | 525 | 352 | | | 877 | 18.2 | | |
| 4SR 15/10 - PS | 719 | 484 | | | 1203 | 25.9 | | |
| 4SR 15/13 - PS | 874 | 574 | | | 1448 | 31.9 | | |
| 4SR 15/18 - PS | 1172 | 664 | | | 1836 | 38.7 | | |
| 4SR 15/24 - PS | 1521 | 764 | | | 2285 | 45.9 | | |



4PS = zamknięty silnik chłodzony wodą

● MODELE DO SPRZEDANIA TYLKO POZA UE