

# Самовсасывающие насосы BZ, PZW, РСМ, РЈМ Технические характеристики

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# Self-Priming Pumps BZ

## BZ High Quality Self-priming Centrifugal Pump for Clean Water

### PRODUCT OVERVIEW

BZ type Self-priming clean water pump are the new generation products according to the enterprise standard and with many years of design experience. The pump has the advantages of compact structure. Small volume, beautiful appearance, small install area, stable operation, long service life, high efficiency, low power consumption, convenient installation and maintain etc. The pump is composed of motor, mechanical seal and pump part. With high quality 45# steel shaft, chrome plating processing ensure the strength and corrosion resistance.

## Product Specification (50HZ)

## Product Description



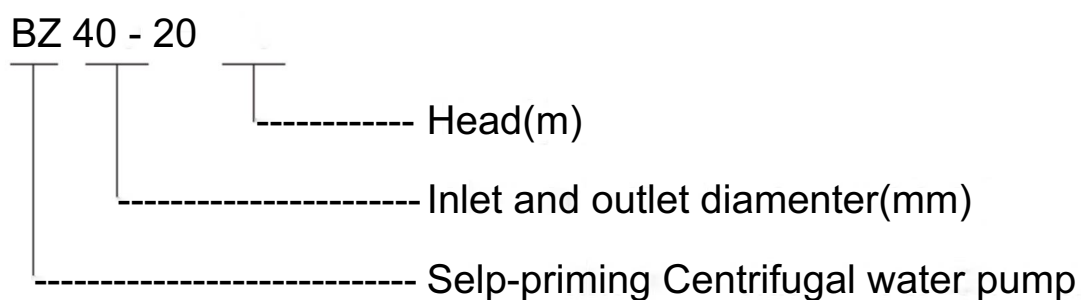
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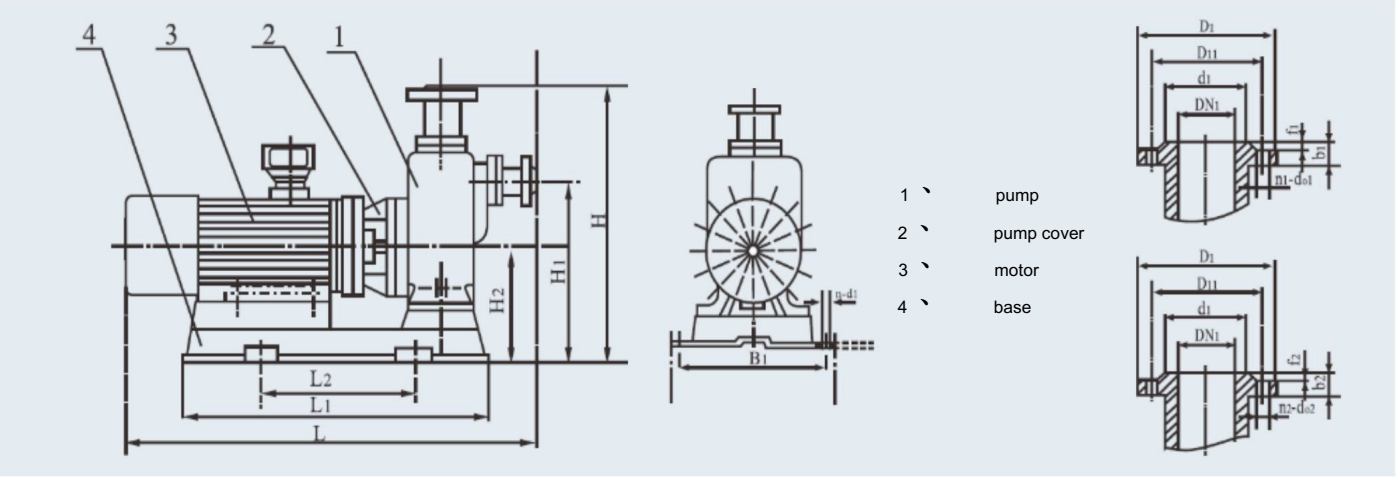
### APPLICATIONS

Suitable for use in clean water supply and the liquids that similar to water in physical and chemical properties. Equipped with a rocker sprayer, it can also wash water into the air and spray it into small raindrops. It is a good machine for farms, nurseries, orchards and tea gardens.

### MODEL DESCRIPTION



STRUCTURE AND DIMENSIONS



PARAMETER/DIMENSIONS

| Type     | Row | Head<br>m/h | Power<br>(kw) | Eff<br>% | Syn.<br>speed<br>(r/min) | Suet<br>(l) | Appearance<br>size |     |     | installation dimension |     |     |     |     |          | Shock absorber<br>specific<br>10m | Suction flange size |     |     |     |    |    | Flow product flange size |     |     |     |     |    |    |         |
|----------|-----|-------------|---------------|----------|--------------------------|-------------|--------------------|-----|-----|------------------------|-----|-----|-----|-----|----------|-----------------------------------|---------------------|-----|-----|-----|----|----|--------------------------|-----|-----|-----|-----|----|----|---------|
|          |     |             |               |          |                          |             | L                  | H   | B   | L1                     | L2  | H1  | H2  | B1  | n-d1     |                                   | DN1                 | D1  | D11 | d1  | b1 | f1 | n1-do1                   | DN2 | D2  | D12 | D2  | B2 | F2 | n2-do2  |
| BZ40-20  | 10  | 20          | 1.5           | 58       | 3000                     | 6           | 520                | 425 | 300 | 390                    | 220 | 275 | 170 | 250 | 4-016    | JGD1                              | 40                  | 130 | 100 | 80  | 14 | 2  | 4-014                    | 40  | 130 | 100 | 80  | 14 | 2  | 4-014   |
| BZ50-25  | 10  | 25          | 2.2           | 60       | 3000                     | 6           | 590                | 480 | 300 | 440                    | 275 | 300 | 185 | 255 | 4-016    | JGD1                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-(J) 14                 | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65-15  | 25  | 15          | 2.2           | 60       | 3000                     | 6           | 590                | 480 | 300 | 440                    | 275 | 300 | 185 | 255 | 4-016    | JGD1                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-014   |
| BZ50-32  | 10  | 32          | 3             | 52       | 3000                     | 7           | 650                | 480 | 350 | 470                    | 255 | 200 | 185 | 305 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65-20  | 25  | 20          | 3             | 52       | 3000                     | 6           | 650                | 480 | 350 | 470                    | 255 | 200 | 185 | 305 | 4-016    | JGD2                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-014   |
| BZ50-35  | 14  | 35          | 4             | 52       | 3000                     | 7           | 670                | 500 | 370 | 505                    | 280 | 340 | 200 | 325 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65-30  | 25  | 30          | 4             | 60       | 3000                     | 6           | 670                | 500 | 370 | 505                    | 280 | 340 | 200 | 325 | 4-016    | JGD2                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-4) 14 |
| BZ50-32  | 21  | 32          | 4             | 60       | 3000                     | 6           | 650                | 500 | 370 | 470                    | 255 | 300 | 185 | 300 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ50-45  | 15  | 45          | 5.5           | 51       | 3000                     | 6           | 700                | 550 | 380 | 515                    | 295 | 370 | 204 | 340 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ50-50  | 20  | 50          | 5.5           | 60       | 3000                     | 6           | 700                | 550 | 420 | 565                    | 340 | 370 | 204 | 340 | 4-4) 16  | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-4) 14                  | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65^O   | 25  | 40          | 5.5           | 60       | 3000                     | 6           | 715                | 510 | 380 | 515                    | 340 | 350 | 204 | 340 | 4-016    | JGD2                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-014   |
| BZ80-13  | 30  | 13          | 2.2           | 76       | 3000                     | 6           | 580                | 510 | 310 | 440                    | 275 | 300 | 185 | 255 | 4-018    | JGD2                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ80-30  | 50  | 30          | 7.5           | 76       | 3000                     | 6           | 750                | 590 | 420 | 565                    | 340 | 370 | 204 | 340 | 4-018    | JGD3                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ8CM0   | 48  | 40          | 11            | 76       | 3000                     | 6           | 880                | 590 | 460 | 650                    | 430 | 410 | 235 | 430 | 4-018    | JGD3                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ80-50  | 31  | 50          | 11            | 56       | 3000                     | 6           | 880                | 590 | 460 | 650                    | 430 | 470 | 235 | 430 | 4-(j) 18 | JGD3                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ80-65  | 50  | 65          | 15            | 62       | 3000                     | 6           | 880                | 620 | 460 | 670                    | 430 | 395 | 245 | 430 | 4-018    | JGD4                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-中W                     | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ100-20 | 100 | 20          | 7.5           | 75       | 3000                     | 5           | 770                | 600 | 420 | 565                    | 340 | 370 | 204 | 340 | 4-018    | JGD3                              | 100                 | 210 | 180 | 150 | 18 | 2  | 8-018                    | 100 | 210 | 100 | 150 | 18 | 2  | 8-018   |
| BZ10CM5  | 100 | 45          | 15            | 68       | 3000                     | 5           | 880                | 620 | 460 | 670                    | 430 | 395 | 245 | 430 | 4-018    | JGD4                              | 100                 | 210 | 180 | 150 | 18 | 2  | 8-中                      | 180 | 210 | 180 | 150 | 18 | 2  | 8-018   |

## Product Specification (60HZ)

## Product Description



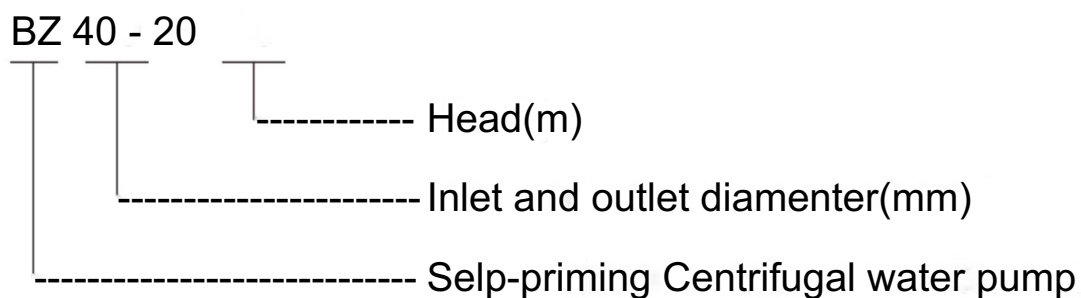
## PRODUCT OVERVIEW

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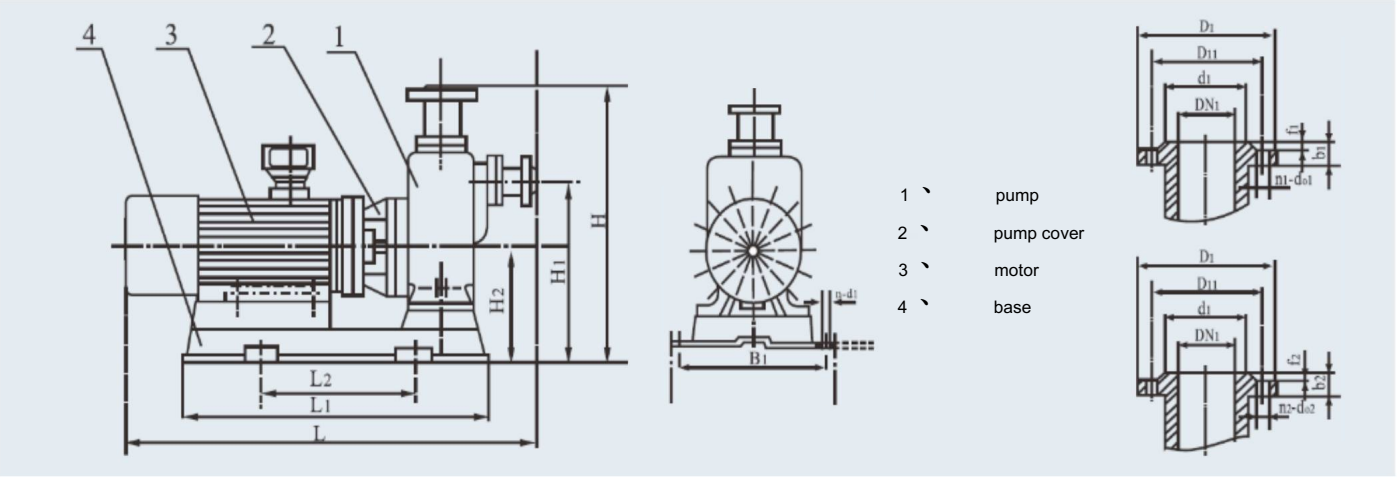
### APPLICATIONS

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### MODEL DESCRIPTION

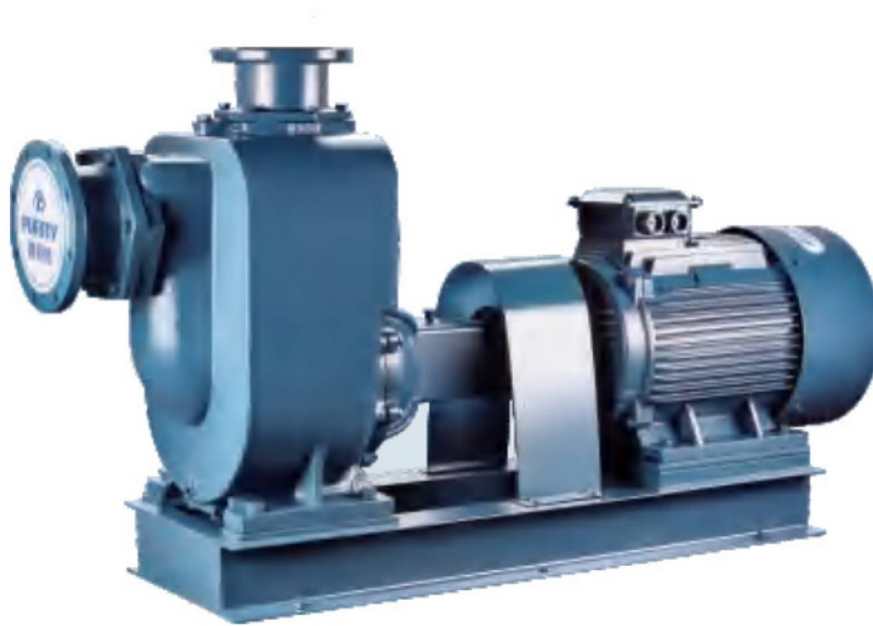


STRUCTURE AND DIMENSIONS



PARAMETER/DIMENSIONS

| Type     | Row<br>mm | Head<br>√mm³ | Power<br>(kw) | Eff<br>ZQ% | Syn.<br>speed<br>(r/min) | Suet<br>(l) | Appearance<br>size |     |     | installation dimension |     |     |     |     |          | Shock absorber<br>specific<br>10m | Suction flange size |     |     |     |    |    | Flow product flange size |     |     |     |     |    |    |         |
|----------|-----------|--------------|---------------|------------|--------------------------|-------------|--------------------|-----|-----|------------------------|-----|-----|-----|-----|----------|-----------------------------------|---------------------|-----|-----|-----|----|----|--------------------------|-----|-----|-----|-----|----|----|---------|
|          |           |              |               |            |                          |             | L                  | H   | B   | L1                     | L2  | H1  | H2  | B1  | n-d1     |                                   | DN1                 | D1  | D11 | d1  | b1 | f1 | n1-do1                   | DN2 | D2  | D12 | D2  | B2 | F2 | n2-do2  |
| BZ40-20  | 10        | 20           | 1.5           | 58         | 3000                     | 6           | 520                | 425 | 300 | 390                    | 220 | 275 | 170 | 250 | 4-016    | JGD1                              | 40                  | 130 | 100 | 80  | 14 | 2  | 4-014                    | 40  | 130 | 100 | 80  | 14 | 2  | 4-014   |
| BZ50-25  | 10        | 25           | 2.2           | 60         | 3000                     | 6           | 590                | 480 | 300 | 440                    | 275 | 300 | 185 | 255 | 4-016    | JGD1                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-(J) 14                 | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65-15  | 25        | 15           | 2.2           | 60         | 3000                     | 6           | 590                | 480 | 300 | 440                    | 275 | 300 | 185 | 255 | 4-016    | JGD1                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-014   |
| BZ50-32  | 10        | 32           | 3             | 52         | 3000                     | 7           | 650                | 480 | 350 | 470                    | 255 | 200 | 185 | 305 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65-20  | 25        | 20           | 3             | 52         | 3000                     | 6           | 650                | 480 | 350 | 470                    | 255 | 200 | 185 | 305 | 4-016    | JGD2                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-014   |
| BZ50-35  | 14        | 35           | 4             | 52         | 3000                     | 7           | 670                | 500 | 370 | 505                    | 280 | 340 | 200 | 325 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65-30  | 25        | 30           | 4             | 60         | 3000                     | 6           | 670                | 500 | 370 | 505                    | 280 | 340 | 200 | 325 | 4-016    | JGD2                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-4) 14 |
| BZ50-32  | 21        | 32           | 4             | 60         | 3000                     | 6           | 650                | 500 | 370 | 470                    | 255 | 300 | 185 | 300 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ50-45  | 15        | 45           | 5.5           | 51         | 3000                     | 6           | 700                | 550 | 380 | 515                    | 295 | 370 | 204 | 340 | 4-016    | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-014                    | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ50-50  | 20        | 50           | 5.5           | 60         | 3000                     | 6           | 700                | 550 | 420 | 565                    | 340 | 370 | 204 | 340 | 4-4) 16  | JGD2                              | 50                  | 140 | 110 | 90  | 14 | 2  | 4-4) 14                  | 50  | 140 | 110 | 90  | 14 | 2  | 4-014   |
| BZ65^O   | 25        | 40           | 5.5           | 60         | 3000                     | 6           | 715                | 510 | 380 | 515                    | 340 | 350 | 204 | 340 | 4-016    | JGD2                              | 65                  | 155 | 130 | 110 | 14 | 2  | 4-014                    | 65  | 155 | 130 | 110 | 14 | 2  | 4-014   |
| BZ80-13  | 30        | 13           | 2.2           | 76         | 3000                     | 6           | 580                | 510 | 310 | 440                    | 275 | 300 | 185 | 255 | 4-018    | JGD2                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ80-30  | 50        | 30           | 7.5           | 76         | 3000                     | 6           | 750                | 590 | 420 | 565                    | 340 | 370 | 204 | 340 | 4-018    | JGD3                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ8CM0   | 48        | 40           | 11            | 76         | 3000                     | 6           | 880                | 590 | 460 | 650                    | 430 | 410 | 235 | 430 | 4-018    | JGD3                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ80-50  | 31        | 50           | 11            | 56         | 3000                     | 6           | 880                | 590 | 460 | 650                    | 430 | 470 | 235 | 430 | 4-(j) 18 | JGD3                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-018                    | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ80-65  | 50        | 65           | 15            | 62         | 3000                     | 6           | 880                | 620 | 460 | 670                    | 430 | 395 | 245 | 430 | 4-018    | JGD4                              | 80                  | 185 | 150 | 125 | 18 | 2  | 8-中W                     | 80  | 185 | 150 | 125 | 18 | 2  | 8-018   |
| BZ100-20 | 100       | 20           | 7.5           | 75         | 3000                     | 5           | 770                | 600 | 420 | 565                    | 340 | 370 | 204 | 340 | 4-018    | JGD3                              | 100                 | 210 | 180 | 150 | 18 | 2  | 8-018                    | 100 | 210 | 100 | 150 | 18 | 2  | 8-018   |
| BZ10CM5  | 100       | 45           | 15            | 68         | 3000                     | 5           | 880                | 620 | 460 | 670                    | 430 | 395 | 245 | 430 | 4-018    | JGD4                              | 100                 | 210 | 180 | 150 | 18 | 2  | 8-中                      | 180 | 210 | 180 | 150 | 18 | 2  | 8-018   |



# Self-Priming Pumps PZW

**Self-priming non-blocking sewage pump Bomba de aguas residuales autocebante Pompe d'égout autobloqua**

## TECHNICAL DESCRIPTION

- Self-priming non-blocking sewage pump design
- Impeller in two vanes, non-clogging, close but big fluid channels
- Bare shaft pump separate or coupled with motor both available
- YE3 high efficient motor, with protection IP55 class F
- Stainless steel 304 all wetted parts available for all models

-High efficiency thanks to the excellent hydraulic model is adopted

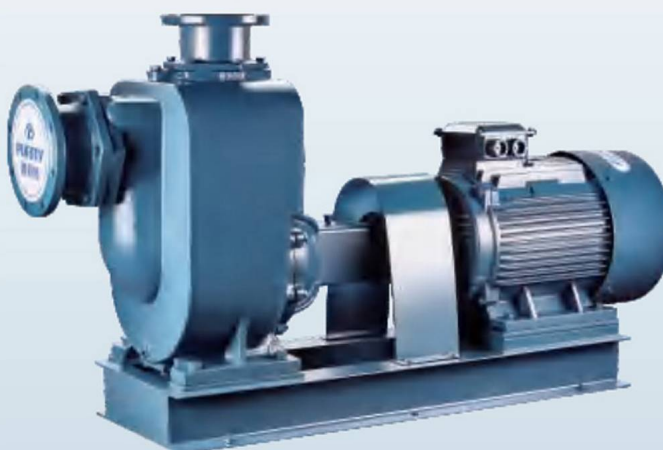
- Strong drainage capacity with non-blocking design

-Good self-priming performance 4.5-6.0m



## PZW

**Self-priming non-blocking sewage pump**  
**Bomba de aguas residuales autocebante**  
**Pompe d'égout autobloquante non bloquante**



### NEW/NUEVO

#### TECHNICAL DESCRIPTION

- Self-priming non-blocking sewage pump design
- Impeller in two vanes, non-clogging, close but big fluid channels
  - Bare shaft pump separate or coupled with motor both available
- YE3 high efficient motor, with protection IP55 class F
  - Stainless steel 304 all wetted parts available for all models
- High efficiency thanks to the excellent hydraulic model is adopted
  - Strong drainage capacity with non-blocking design
  - Good self-priming performance 4.5-6.0m

#### APPLICATIONS

- A liquid storage chamber is provided in the pump body, suitable for chemical, petroleum, pharmaceutical, mining, papermaking, fiber, pulp, textile, food, power plant and municipal sewage works, public facilities sewage, river pond breeding and other industries.

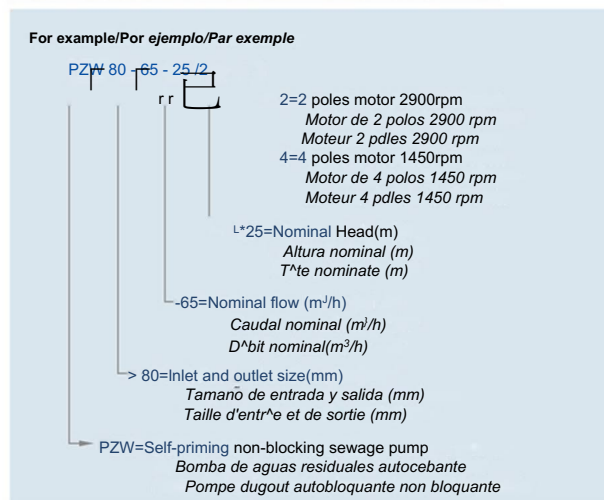
#### USING LIMITS

- Liquid temperature between -10°C and +80°C
- Ambient temperature between -10°C and +50°C
- PH 6-9 for cast iron, 2-13 for stainless steel
- Media weight not exceed 1240 kg / m<sup>3</sup>

# TECHNICAL DATA/DZITOS T\*CNICOS/DONNEES TECHNIQUES

| MODEL<br>MODELO<br>MODULE | Power<br>Potenda<br>Puissance |     | DN    | Flow<br>Caudal<br>Débit | Head<br>Altura<br>Hauteur | RPM  | Pump/Bomba/Pompe<br>DIM.(mm) |     |     |
|---------------------------|-------------------------------|-----|-------|-------------------------|---------------------------|------|------------------------------|-----|-----|
|                           | kW                            | hp  | mm    | m³/h                    | m                         |      | L                            | W   | H   |
| PZW25-8-15/2              | 1.5                           | 2   | 25x25 | 8                       | 15                        | 2900 | 440                          | 280 | 470 |
| PZW32-5-20/2              | 2.2                           | 3   | 32x32 | 5                       | 20                        | 2900 | 440                          | 280 | 470 |
| PZW32-9-30/2              | 3                             | 4   | 32x32 | 9                       | 30                        | 2900 | 480                          | 310 | 530 |
| PZW40-10-20/2             | 2.2                           | 3   | 40x40 | 10                      | 20                        | 2900 | 440                          | 280 | 470 |
| PZW40-15-30/2             | 3                             | 4   | 40x40 | 15                      | 30                        | 2900 | 480                          | 310 | 530 |
| PZW50-10-20/2             | 2.2                           | 3   | 50x50 | 10                      | 20                        | 2900 | 440                          | 280 | 470 |
| PZW50-20-15/2             | 2.2                           | 3   | 50x50 | 20                      | 15                        | 2900 | 440                          | 280 | 470 |
| PZW50-18-22/2             | 3                             | 4   | 50x50 | 18                      | 22                        | 2900 | 480                          | 310 | 530 |
| PZW50-15-30/2             | 3                             | 4   | 50x50 | 15                      | 30                        | 2900 | 480                          | 310 | 530 |
| PZW50-20-35/2             | 5.5                           | 7.5 | 50x50 | 20                      | 35                        | 2900 | 680                          | 350 | 630 |
| PZW50-20-40/2             | 7.5                           | 10  | 50x50 | 20                      | 40                        | 2900 | 660                          | 330 | 640 |
| PZW50-20-50/2             | 11                            | 15  | 50x50 | 20                      | 50                        | 2900 | 680                          | 420 | 650 |
| PZW65-30-18/2             | 4                             | 5.5 | 65x65 | 30                      | 18                        | 2900 | 500                          | 330 | 530 |
| PZW65S-30-18/4            | 4                             | 5.5 | 65x65 | 30                      | 18                        | 1450 | 680                          | 340 | 680 |
| PZW65-25-30/2             | 5.5                           | 7.5 | 65x65 | 25                      | 30                        | 2900 | 660                          | 330 | 640 |
| PZW65-25-40/2             | 7.5                           | 10  | 65x65 | 25                      | 40                        | 2900 | 660                          | 330 | 640 |
| PZW65-25-50/2             | 11                            | 15  | 65x65 | 25                      | 50                        | 2900 | 680                          | 420 | 650 |
| PZW65-40-25/2             | 7.5                           | 10  | 65x65 | 40                      | 25                        | 2900 | 660                          | 330 | 640 |
| PZW80-40-16/2             | 4                             | 5.5 | 80x80 | 40                      | 16                        | 2900 | 500                          | 330 | 530 |
| PZW80-40-16/4             | 4                             | 5.5 | 80x80 | 40                      | 16                        | 1450 | 680                          | 340 | 680 |
| PZW80-25-40/2             | 7.5                           | 10  | 80x80 | 25                      | 40                        | 2900 | 660                          | 330 | 640 |
| PZW80-50-15/2             | 5.5                           | 7.5 | 80x80 | 50                      | -                         | 2900 | 590                          | 335 | 590 |
| PZW80-65-25/2             | 7.5                           | 10  | 80x80 | 65                      | 25                        | 2900 | 590                          | 335 | 590 |
| PZW80-50-30/2             | 11                            | 15  | 80x80 | 50                      | 30                        | 2900 | 680                          | 340 | 680 |
| PZW80-80-35/2             | 15                            | 20  | 80x80 | 80                      | 35                        | 2900 | 750                          | 450 | 730 |
| PZW80-50-60/2             | -                             | 30  | 80x80 | 50                      | 60                        | 2900 | 720                          | 430 | 700 |

## MODEL CODE/CdD/GO MODELO/CODE MODELÈ



# 50 Hz n=2900/1450 1/min

| MODEL<br>MODELO<br>MODULE | Power<br>Potenda<br>Puissance<br>kW hp |     | DN<br><br>mm | Row<br>Caudal<br>Débit<br>m³/h | Head<br>Altura<br>Hauteur<br>m | RPM  | mp/Bomba/Pompe<br>DIM.(mm)<br><br>L W H |     |      |
|---------------------------|----------------------------------------|-----|--------------|--------------------------------|--------------------------------|------|-----------------------------------------|-----|------|
| PZW100-100-10/4           | 5.5                                    | 7.5 | 100x100      | 100                            | 10                             | 1450 | 790                                     | 425 | 800  |
| PZW100-80-20/4            | 7.5                                    | 10  | 100x100      | 80                             | 20                             | 1450 | 790                                     | 425 | 800  |
| PZW100-100-15/4           | 7.5                                    | 10  | 100x100      | 100                            | 15                             | 1450 | 790                                     | 425 | 800  |
| PZW100-100-15/2           | 11                                     | 15  | 100x100      | 100                            | 15                             | 2900 | 790                                     | 425 | 800  |
| PZW100-100-20/2           | 15                                     | 20  | 100x100      | 100                            | 20                             | 2900 | 860                                     | 450 | 820  |
| PZW100-100-20/4           | 11                                     | 15  | 100x100      | 100                            | 20                             | 1450 | 810                                     | 450 | 880  |
| PZW100-100-30/2           | 22                                     | 30  | 100x100      | 100                            | 30                             | 2900 | 860                                     | 450 | 820  |
| PZW100-80-45/2            | 30                                     | 40  | 100x100      | 80                             | 45                             | 2900 | 825                                     | 550 | 840  |
| PZW100-80-60/2            | 37                                     | 50  | 100x100      | 80                             | 60                             | 2900 | 825                                     | 550 | 840  |
| PZW100-80-80/2            | 45                                     | 60  | 100x100      | 80                             | 80                             | 2900 | 825                                     | 550 | 840  |
| PZW125-120-20/4           | 15                                     | 20  | 125x125      | 120                            | 20                             | 1450 | 810                                     | 450 | 880  |
| RZW150-180-10/4           | 11                                     | -   | 150x150      | 180                            | 10                             | 1450 | 810                                     | 450 | 880  |
| PZW150-180-14/4           | 15                                     | 20  | 150x150      | 180                            | 14                             | 1450 | 810                                     | 450 | 880  |
| RZW150-180-20/4           | 18.5                                   | 25  | 150x150      | 180                            | 20                             | 1450 | 810                                     | 450 | 880  |
| PZW150-180-30/4           | 30                                     | 40  | 150x150      | 180                            | 30                             | 1450 | 870                                     | 550 | 990  |
| RZW150-180-35/4           | 37                                     | 50  | 150x150      | 180                            | 35                             | 1450 | 950                                     | 650 | 1065 |
| PZW150-180-38/4           | 45                                     | 60  | 150x150      | 180                            | 38                             | 1450 | 1020                                    | 580 | 930  |
| PZW150-180-45/4           | 55                                     | 75  | 150x150      | 180                            | 45                             | 1450 | 950                                     | 650 | 1065 |
| PZW200-280-14/4           | 22                                     | 30  | 200x200      | 280                            | 14                             | 1450 | 1040                                    | 510 | 1020 |
| PZW200-280-20/4           | -                                      | 50  | 200x200      | 280                            | 20                             | 1450 | 1040                                    | 560 | 1020 |
| PZW200-280-25/4           | 45                                     | 60  | 200x200      | 280                            | 25                             | 1450 | 1040                                    | 560 | 1020 |
| PZW200-280-28/4           | -                                      | -   | 200x200      | 280                            | 28                             | 1450 | 1230                                    | 520 | 1030 |
| PZW250-420-14/4           | 45                                     | 60  | 250x250      | 420                            | 14                             | 1450 | 1060                                    | 680 | 1100 |
| PZW250-420-20/4           | 55                                     | 75  | 250x250      | 420                            | 20                             | 1450 | 1060                                    | 680 | 1100 |
| PZW300-800-14/4           | 55                                     | 75  | 300x300      | 800                            | 14                             | 1450 | 1500                                    | 680 | 1350 |
| PZW300-800-20/4           | -                                      | 100 | 300x300      | 800                            | 20                             | 1450 | 1500                                    | 680 | 1350 |

## TECHNICAL SHEET/HOJA TÉCNICA/FICHE TECHNIQUE

| Model/Modelo/Modèle     | PZW             |      |
|-------------------------|-----------------|------|
| Capacity/Caudal/Débit   | 0-800           | m³/h |
| Head/Altura/Hauteur     | 0-80            | m    |
| DN                      | 25-300          | mm   |
| Speed/Velocidad/Vitesse | 2900/1450       | rpm  |
| T max                   | 80              | °C   |
| Power/Potencia/Puiss.   | 1.5-75          | kW   |
| Voltage/Voltaje/Tension | 220/380/400/440 | V    |
| HZ                      | 50              |      |
| Class/Clase/Catégorie   | Class F         |      |
| IP                      | IP 55           |      |
| Duty/Servicio/Devoir    | SI continuous   |      |



# Self-Priming Pumps PCM

## PCM

### TECHNICAL DESCRIPTION

- New self-priming centrifugal pump
  - Original design by PURITY (patented)
  - Both square motor & round motor available
  - YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
  - Shaft in stainless steel AISI 304 or galvanized iron
  - Suction and discharge port in G20 thread
  - Quality NSK bearing, wear resistance mechanical seal

### PCm

Centrifugal pump  
*Bomba centrifuga*



### PJm

Self-priming JET pump  
*Bomba autocebanteJET*



## NEW/NUEVO

### TECHNICAL DESCRIPTION

- New self-priming centrifugal pump
- Original design by PURITY (patented)
  - Both square motor & round motor available
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  - Suction and discharge port in G20 thread
- Quality NSK bearing, wear resistance mechanical seal

### APPLICATIONS

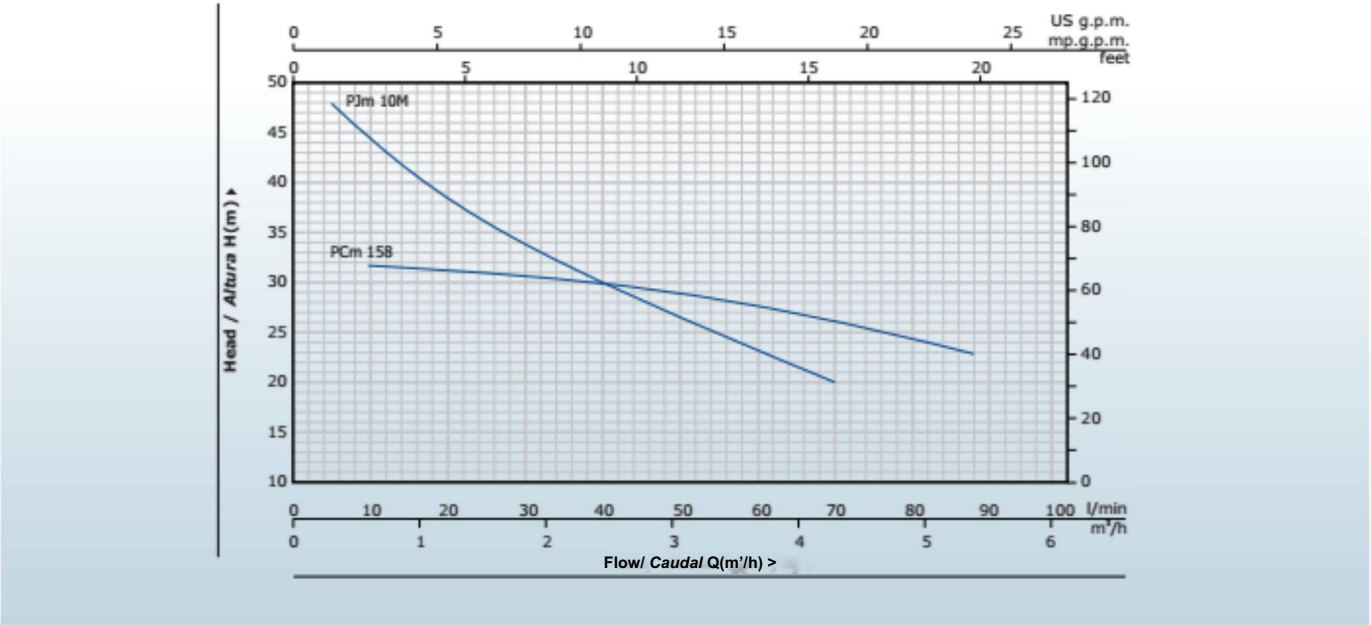
- Suitable for use with liquids that are not chemically aggressive towards the materials from which the pump is made.
- These pumps are recommended for use in irrigation pumps, cooling systems, air conditioning systems, water supply systems, liquids transfer, pressure systems,

### USING LIMITS

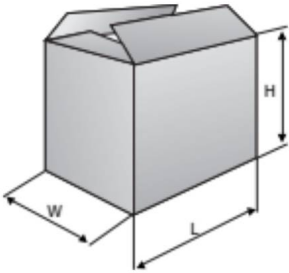
- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 10 bar
- Continuous service S1

| MODEL<br>MODELO | Power<br>Potencia |    | k/min | Q«DELIVERY / CAUDAL |     |     |      |     |     |     |     |      |     |      | DN    |
|-----------------|-------------------|----|-------|---------------------|-----|-----|------|-----|-----|-----|-----|------|-----|------|-------|
|                 |                   |    |       | 0                   | 5   | 10  | 20   | 30  | 40  | 50  | 60  | 70   | 80  | 90   |       |
|                 | kw                | hp | m³/h  | 0                   | 0.3 | 0.6 | 1.2  | 1.4 | 2.4 | 3.0 | 3.6 | 4.2  | 4.8 | 5.4  | mm    |
| PCm 1S8         | 0.75              | 1  | H(m)  | 33                  | 33  | 33  | 32.5 | 32  | 3L5 | 30  | 29  | 27.5 | 26  | 24.5 | 2Sx25 |

| MODEL<br>MODELO | Power<br>Potency |    | Vmin | Q«DELIVERY / CAUDAL |     |     |      |    |     |      |      |     |     |     | DN    |
|-----------------|------------------|----|------|---------------------|-----|-----|------|----|-----|------|------|-----|-----|-----|-------|
|                 |                  |    |      | 0                   | 5   | 10  | 20   | 25 | 30  | 40   | 45   | 50  | 60  | 70  |       |
|                 | kw               | hp | m³/h | 0                   | 0.3 | 0.6 | U    | 13 | 1.8 | 2.4  | 2.7  | 3.0 | 3.6 | 4.2 | mm    |
| PJm 10M         | 0.75             | 1  | H(m) | 50                  | 47  | 44  | 38.5 | 36 | 14  | 29.S | 27.S | 26  | 225 | 20  | 2Sx25 |



| MODEL<br>MODELO | DN     | N.W  | LxWxH    |
|-----------------|--------|------|----------|
|                 | (Inch) | (kg) | (cm)     |
| PCm 158         | 1"x1"  | 11.0 | 29x19x24 |
| PJm 10M         | 1"x1"  | 13.5 | 39x18x20 |



### PCm

Centrifugal pump  
*Bomba centrffuga*



### PJm

Self-priming JET pump  
*Bo mba autocebante JET*



## NEW/NUEVO

### TECHNICAL DESCRIPTION

- New self-priming centrifugal pump
- Original design by PURITY (patented)
  - Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
  - Impeller in stainless steel AISI 304 or cast iron
  - Shaft in stainless steel AISI 304 or galvanized iron
  - Suction and discharge port in G20 thread
- Quality NSK bearing, wear resistance mechanical seal

### APPLICATIONS

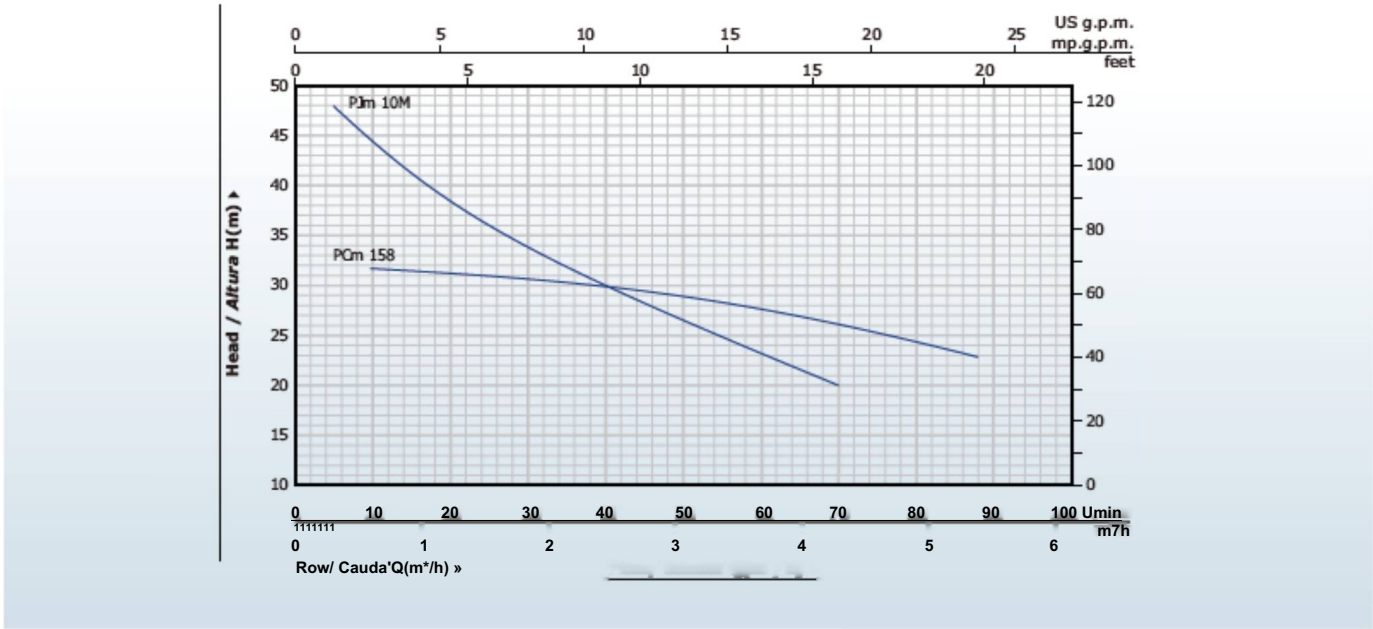
- Suitable for use with liquids that are not chemically aggressive towards the materials from which the pump is made.
- These pumps are recommended for use in irrigation pumps, cooling systems, air conditioning systems, water supply systems, liquids transfer, pressure systems,

### USING LIMITS

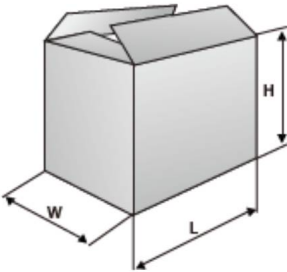
- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 10 bar
- Continuous service S1

| MODEL<br>MODELO | Power<br>Potencia |    | l/min | Q«DELIVERY / CAUDAL |     |     |     |     |      |     |     |      |     |      | DN    |
|-----------------|-------------------|----|-------|---------------------|-----|-----|-----|-----|------|-----|-----|------|-----|------|-------|
|                 |                   |    |       | 0                   | 5   | 10  | 20  | 30  | 40   | 50  | 60  | 70   | 80  | 90   |       |
|                 | kw                | hp | m³/h  | 0                   | 8.3 | 0.6 | 1.2 | 1.8 | 2.4  | 3.0 | 3.6 | 4.2  | 4.8 | 5.4  | mm    |
| PCm 158         | 0.75              | 1  | H(m)  | 33                  | 33  | 33  | 325 | 32  | 31.5 | 30  | 29  | 27.5 | 26  | 24.5 | 25x25 |

| MODEL<br>MODELO | Power<br>Potencia |    | l/min | Q«DELIVERY / CAUDAL |     |     |      |     |     |      |      |     |      |     | DN    |
|-----------------|-------------------|----|-------|---------------------|-----|-----|------|-----|-----|------|------|-----|------|-----|-------|
|                 |                   |    |       | 0                   | 5   | 10  | 20   | 25  | 30  | 40   | 45   | 50  | 60   | 70  |       |
|                 | kw                | hp | m³/h  | 0                   | 8.3 | 0.6 | 1.2  | 1.5 | 1.8 | 2.4  | 2.7  | 3.0 | 3.6  | 4.2 | mm    |
| PJmIOM          | 0.75              | 1  | H(m)  | 50                  | 47  | 44  | 38.5 | 36  | 34  | 29.5 | 27.5 | 26  | 22.5 | 20  | 25x25 |



| MODEL<br>MODELO | DN<br>(meh) | N.W<br>(kg) | LxWxH<br>(cm) |
|-----------------|-------------|-------------|---------------|
| PCm 158         | ivr         | 11.0        | 29x19x24      |
| PJm 10M         | ivr         | 13.5        | 39x18x20      |





# Self-Priming Pumps PJM

## PJM

### TECHNICAL DESCRIPTION

- New self-priming centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Suction and discharge port in G20 thread
- Quality NSK bearing, wear resistance mechanical seal

### PCm

Centrifugal pump  
*Bomba centrifuga*



### PJm

Self-priming JET pump  
*Bomba autocebanteJET*



## NEW/NUEVO

### TECHNICAL DESCRIPTION

- New self-priming centrifugal pump
- Original design by PURITY (patented)
  - Both square motor & round motor available
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  - Impeller in stainless steel AISI 304 or cast iron
  - Shaft in stainless steel AISI 304 or galvanized iron
  - Suction and discharge port in G20 thread
- Quality NSK bearing, wear resistance mechanical seal

### USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 10 bar
- Continuous service S1

### APPLICATIONS

- Suitable for use with liquids that are not chemically aggressive towards the materials from which the pump is made.
- These pumps are recommended for use in irrigation pumps, cooling systems, air conditioning systems, water supply systems, liquids transfer, pressure systems,

TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=29001/min

| MODEL<br>MODELO | Power<br>Potencia |    | k/min | Q«DELIVERY / CAUDAL |     |     |      |     |     |     |     |      |     |      | DN    |
|-----------------|-------------------|----|-------|---------------------|-----|-----|------|-----|-----|-----|-----|------|-----|------|-------|
|                 |                   |    |       | 0                   | 5   | 10  | 20   | 30  | 40  | 50  | 60  | 70   | 80  | 90   |       |
|                 | kw                | hp | m³/h  | 0                   | 0.3 | 0.6 | 1.2  | 1.4 | 2.4 | 3.0 | 3.6 | 4.2  | 4.8 | 5.4  | mm    |
| PCm 1S8         | 0.75              | 1  | H(m)  | 33                  | 33  | 33  | 32.5 | 32  | 3L5 | 30  | 29  | 27.5 | 26  | 24.5 | 2Sx25 |

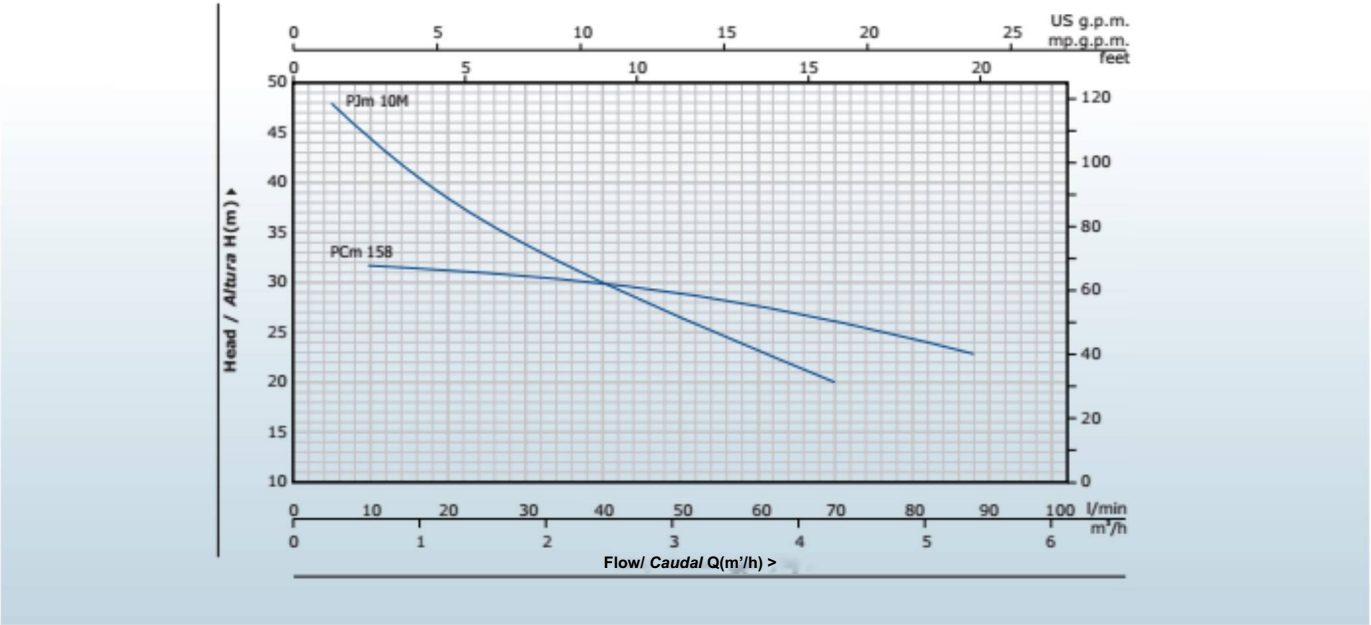
TECHNICAL DATA / DATOS TÉCNICOS

50 Hz n=2900 1 /min

| MODEL<br>MODELO | Power<br>Potencia |    | Vmin | Q«DELIVERY / CAUDAL |     |     |      |    |     |      |      |     |     |     | DN    |
|-----------------|-------------------|----|------|---------------------|-----|-----|------|----|-----|------|------|-----|-----|-----|-------|
|                 |                   |    |      | 0                   | 5   | 10  | 20   | 25 | 30  | 40   | 45   | 50  | 60  | 70  |       |
|                 | kw                | hp | m³/h | 0                   | 0.3 | 0.6 | U    | 13 | 1.8 | 2.4  | 2.7  | 3.0 | 3.6 | 4.2 | mm    |
| PJm 10M         | 0.75              | 1  | H(m) | 50                  | 47  | 44  | 38.5 | 36 | 14  | 29.S | 27.S | 26  | 225 | 20  | 2Sx25 |

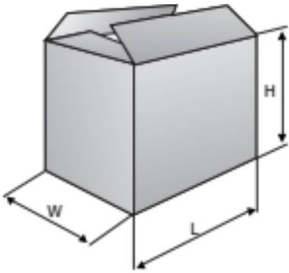
PERFORMANCE CURVE / CURVAS DEFUNCIONAMIENTOI

50 Hz n=29001/min



DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

| MODEL<br>MODELO | DN<br>(Inch) | N.W<br>(kg) | LxWxH<br>(cm) |
|-----------------|--------------|-------------|---------------|
| PCm 158         | 1"x1"        | 11.0        | 29x19x24      |
| PJm 10M         | 1"x1"        | 13.5        | 39x18x20      |



### PCm

Centrifugal pump  
*Bomba centrifuga*



### PJm

Self-priming JET pump  
*Bomba autocebante JET*



## NEW/NUEVO

### TECHNICAL DESCRIPTION

- New self-priming centrifugal pump
- Original design by PURITY (patented)
  - Both square motor & round motor available
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- Pump case with anti-corrosive coating
  - Impeller in stainless steel AISI 304 or cast iron
  - Shaft in stainless steel AISI 304 or galvanized iron
  - Suction and discharge port in G20 thread
- Quality NSK bearing, wear resistance mechanical seal

### USING LIMITS

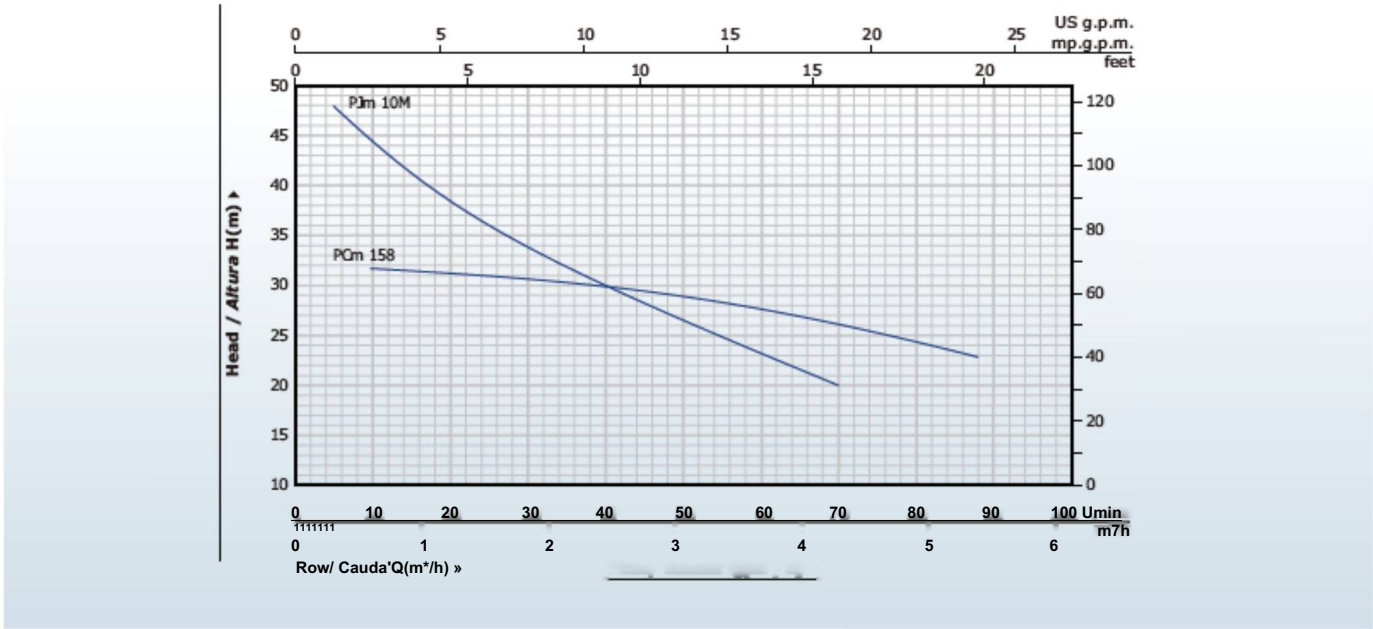
- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 10 bar
- Continuous service S1

### APPLICATIONS

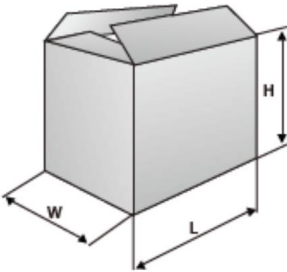
- Suitable for use with liquids that are not chemically aggressive towards the materials from which the pump is made.
- These pumps are recommended for use in irrigation pumps, cooling systems, air conditioning systems, water supply systems, liquids transfer, pressure systems,

| MODEL<br>MODELO | Power<br>Potencia |    | l/min | Q«DELIVERY / CAUDAL |     |     |     |     |     |     |     |      |     |      | DN    |
|-----------------|-------------------|----|-------|---------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-------|
|                 |                   |    |       | 0                   | 5   | 10  | 20  | 30  | 40  | 50  | 60  | 70   | 80  | 90   |       |
|                 | kw                | hp | m³/h  | 0                   | 8.3 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2  | 4.8 | 5.4  | mm    |
| PCm 158         | 0.75              | 1  | H(m)  | 33                  | 33  | 33  | 325 | 32  | 3L5 | 30  | 29  | 27.5 | 26  | 24.5 | 25x25 |

| MODEL<br>MODELO | Power<br>Potencia |    | l/min | Q«DELIVERY / CAUDAL |     |     |      |     |     |      |      |     |      |     | DN    |
|-----------------|-------------------|----|-------|---------------------|-----|-----|------|-----|-----|------|------|-----|------|-----|-------|
|                 |                   |    |       | 0                   | 5   | 10  | 20   | 25  | 30  | 40   | 45   | 50  | 60   | 70  |       |
|                 | kw                | hp | m³/h  | 0                   | 8.3 | 0.6 | 1.2  | 1*5 | 1.8 | 2.4  | 2.7  | 3.0 | 3.6  | 4.2 | mm    |
| PJmIOM          | 0.75              | 1  | H(m)  | 50                  | 47  | 44  | 38.5 | 36  | 34  | 29.5 | 27.5 | 26  | 22.5 | 20  | 25x25 |



| MODEL<br>MODELO | DN<br>(meh) | N.W<br>(kg) | LxWxH<br>(cm) |
|-----------------|-------------|-------------|---------------|
| PCm 158         | i\r         | 11.0        | 29x19x24      |
| PJm 10M         | iv\r        | 13.5        | 39x18x20      |



**По вопросам продаж и поддержки обращайтесь:**

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