



# BOREHOLE

## Cast Stainless Steel Pump

- 4" - With Glass Filled Polycarbonate Internals
- Complete Stainless Steel Internal (optional)
- 6" - Complete Stainless Steel Internals



Product Differentiation Values . . . . . P2 - P4

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**PARAGON** is proud to present you a revolutionary and groundbreaking range of deep well submersible pumps and motors. This is made possible due to its commitment in providing customers with products that have differentiated and value added features.



**STRENGTH, DURABILITY, RELIABILITY,  
USER FRIENDLY, LONG LASTING**





**PARAGON's** product differentiation features provide the customers with optimum performance. The following are the three main areas that PARAGON differentiates itself from the competitors.



- Utilization of top class materials. The 6 inch deep well submersible pumps is the perfect example of the company's commitment. It is made completely of casting stainless steel providing maximum strength, durability, wear and tear resistance against sand or other impurities.
- Superior design allows the pumps and motors to be reliable, user friendly, maximum resistance wear and tear, long lasting, ease of assembling and big hydraulic performance.
- State of the art manufacturing process ensures the optimum quality of the products.
- A specialized casting stainless steel process maximizes the toughness of the products.
- Finishing is done with the CNC machines with a high degree tolerance capability of up to 0.05mm. The parts have an excellent alignment when assembled for optimum performance.

The Pump is the deep well submersible multistage centrifugal type suitable for the submerged applications.

It is coupled directly to submersible motors, either the

**PARAGON**

rewindable motors or other makes motors.



**APPLICATIONS:**

- Water supply systems for industrial, civil and agricultural uses
- Sprinkles and fountain
- Booster system
- Flood type irrigation systems
- Fire fighting installations
- Pressurization systems
- Mining and other applications

**GENERAL SPECIFICATIONS:**

- Flow range up to 120m<sup>3</sup>/Hr
- Head up to 450m
- Motors rating up to 110kw
- Standard supply voltage
- Single phase - 1\*220V/230V
- Three phase - 3\*380V/415V
- Both 50 and 60 Hz
- Vertical and Horizontal applications





Non - Stainless Steel Components



Stainless Steel Components



## FOR 4 INCH WELLS APPLICATIONS

**THE TOP AND BOTTOM BRACKET ARE MADE OF CASTING STAINLESS STEEL FOR MAXIMUM STRENGTH AND DURABILITY.**

**SPECIAL GLASS FILLED ENGINEERED COMPOSITES (GLASS FILLED POLYCARBONATE\*) IS USED FOR IMPELLER AND DISFFUSER.**

- Superior strength for maximum resistance against wear and tear.
- Permanently bonded through a process called sonic welding, which maintains smooth passage and efficient flow through the stages.
- Will not corrode and very resistant to algae and mineral build up.

**FLOATING IMPELLER AND FLAT WEAR RING DESIGN OFFER SUPERIOR SAND HANDLING CAPABILITY.**

## CASTING STAINLESS STEEL FOR

- DISCHARGE HEAD - MOTOR ADAPTER

### IDENTIFICATION CODES

- PBS** Reference to the series of deep well submersible pumps
- 3** Capacity m3/h
- 5** Number of Stages

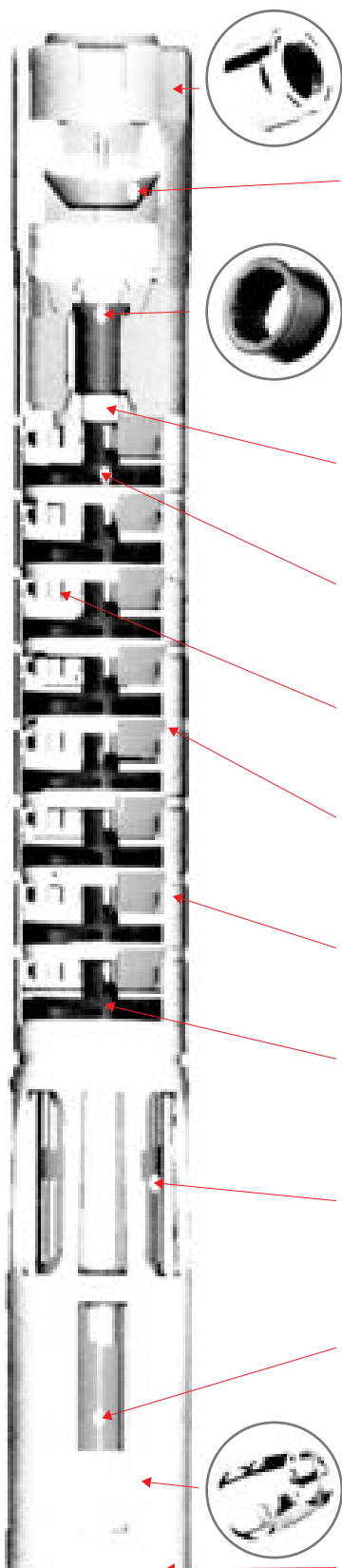
### \*GLASS FILLED POLYCARBONATE

Glass filled Polycarbonate is a tough, dimensionally stable, thermoplastic that has many applications which demand high performance properties. It is unbreakable and has high abrasive resistance properties. This versatile thermoplastic maintains its properties over a wide range of temperatures, from -5°C to 60°C.

For temperature above 35°C refer to Motor Manufacturer recommendation.



4 Inch Pump Technical Drawing



**TOP BRACKET ( CASTING STAINLESS STEEL )**

Strong, tough and robust.

**NON - RETURN VALVE ( STAINLESS STEEL )**

Prevents the backflow of water providing the smooth and dependable pump operation.

**TOP BEARING ( POLYURETHANE )**

Made of special material, polyurethane, with fluted design providing maximum sand handling and sand resistance capability.

**BUSHING ( HIGH GRADE STAINLESS STEEL ADDED WITH SPECIAL HARDENING MATERIAL )**

Providing maximum resistance against wear and tear.

**IMPELLER ( NOKYL )**

Provides superior strength for maximum resistance against wear and tear of sand and other impurities.

**DIFFUSER ( SPECIAL GLASS FILLED POLYCARBONATE )**

Superior design for high hydraulic performance and greater efficiency.

**THICK CASING ( STAINLESS STEEL )**

Provides strength and is extra finished for an impressive appearance.

**BOWL ( STAINLESS STEEL )**

Offers resistance against abrasive materials and is extra finished for the perfect alignment.

**SHAFT ( STAINLESS STEEL )**

Finished oversized stainless steel shaft with fitted keys gives the perfect alignment for positive impeller drive.

**SUCTION STRAINER ( STAINLESS STEEL )**

Prevent the oversized sediments from entering and jamming the pump.

**COUPLING ( STAINLESS STEEL )**

Facilitates the perfect alignment between the pump and the motor for a longer life span. Designed according to NEMA standard thus it can be used with any NEMA motors.

**BOTTOM BRACKET ( CASTING STAINLESS STEEL )**

Strong, tough and robust.

**FLOATING IMPELLER AND FLAT WEAR RING DESIGN  
OFFER SUPERIOR SAND HANDLING CAPABILITY.**



## FOR 6 INCH WELLS APPLICATIONS

**CASTING STAINLESS STEEL PROVIDES MAXIMUM STRENGTH, DURABILITY, WEAR AND TEAR RESISTANCE AGAINST SAND AND OTHER IMPURITIES.**

**STATE OF THE ART MANUFACTURING PROCESS WITH CNC FINISHING.**

- A specialized casting process maximizes the solidarity and toughness of the structure for optimum performance.
- The smooth surfaces of the parts produced provides high hydraulic performance and superior appearance.
- Finishing is done with the CNC machine with a high degree tolerance capability of up to 0.05mm for excellent alignment.

**A SPECIAL POLYURETHANE MATERIAL FOR TOP BEARING, INTERMEDIATE BEARING AND NECK RING PROVIDES MAXIMUM SAND HANDLING CAPABILITY.**

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## CASTING STAINLESS STEEL FOR

- IMPELLERS    - DISFFUSERS
  - DISCHARGED HEAD    - MOTOR ADAPTER
- 

### IDENTIFICATION CODES

PBS

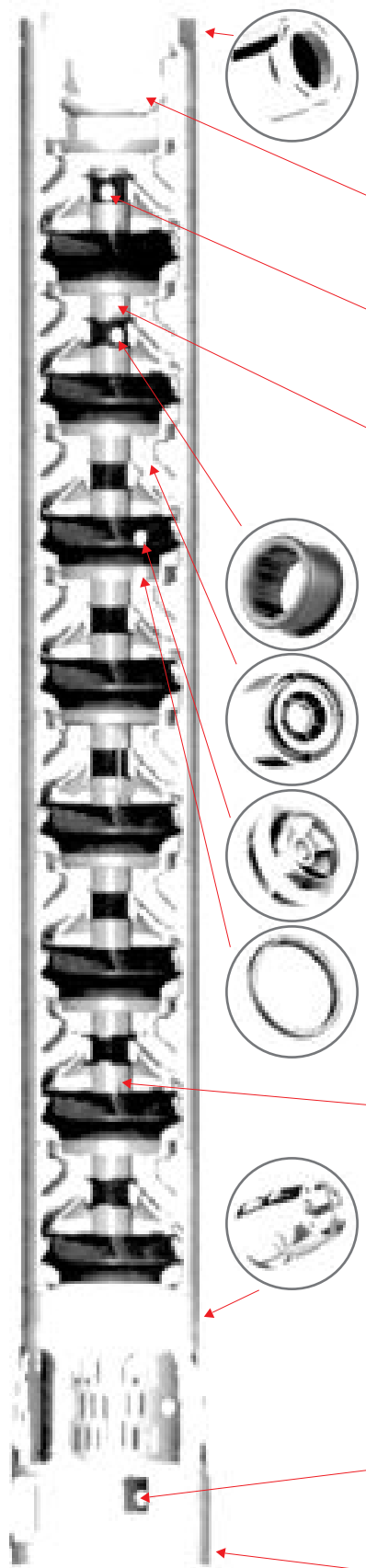
Reference to the series of deep well submersible pumps

20

Capacity m3/h

5

Number of Stages



**TOP BRACKET ( CASTING STAINLESS STEEL )**

Strong, tough and robust.

**NON - RETURN VALVE ( STAINLESS STEEL )**

Prevents the backflow of water providing the smooth and dependable pump operation.

**TOP BEARING ( POLYURETHANE )**

Made of special material, polyurethane, with fluted design providing maximum sand handling and sand resistance capability.

**BUSHING ( HIGH GRADE STAINLESS STEEL ADDED WITH SPECIAL HARDENING MATERIAL )**

Act as protection between the shaft and intermediate bearing for maximum resistance against wear and tear.

**INTERMEDIATE BEARING ( POLYURETHANE )**

Installed in every stage for the dependable and reliable operation. It provides maximum sand handling capability.

**DIFFUSER ( CASTING STAINLESS STEEL )**

The strength and toughness of casting stainless steel provides maximum wear & tear resistant against sand.

**IMPELLER ( CASTING STAINLESS STEEL )**

The strength and toughness of casting stainless steel provides maximum wear and tear resistant against sand. Superior design for high hydraulic performance and greater efficiency.

**NECK RING ( POLYURETHANE )**

Installed in every diffuser to provide maximum sand handling capability.

**SHAFT ( STAINLESS STEEL )**

Finished oversized stainless steel shaft with fitted keys gives the perfect alignment for positive impeller drive.

**BOTTOM BRACKET ( CASTING STAINLESS STEEL )**

Strong, tough and robust.

**SUCTION STRAINER ( STAINLESS STEEL )**

Prevent the oversized sediments from entering and jamming the pump.

**COUPLING ( STAINLESS STEEL )**

Facilitates the perfect alignment between the pump and the motor for a longer life span. Designed according to NEMA standard thus it can be used with any NEMA motors.

**Superior and user friendly pump design for easy assembling and disassembling of the pump. No special tool required.**





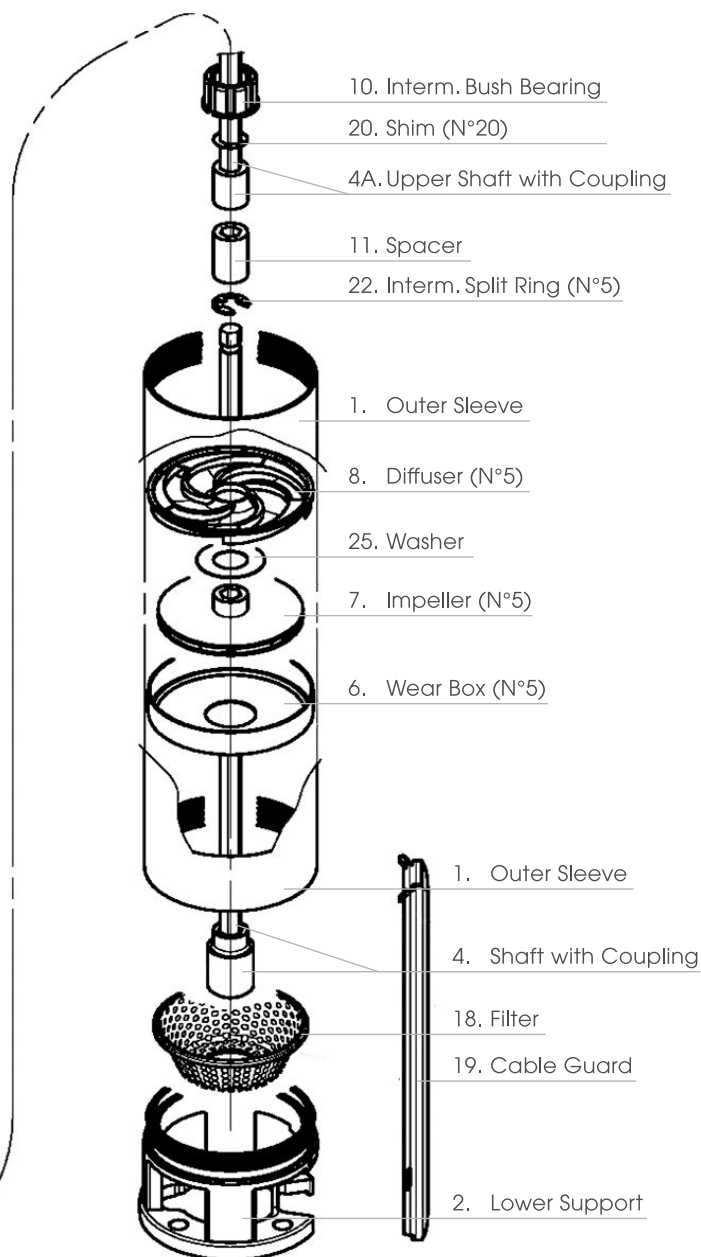
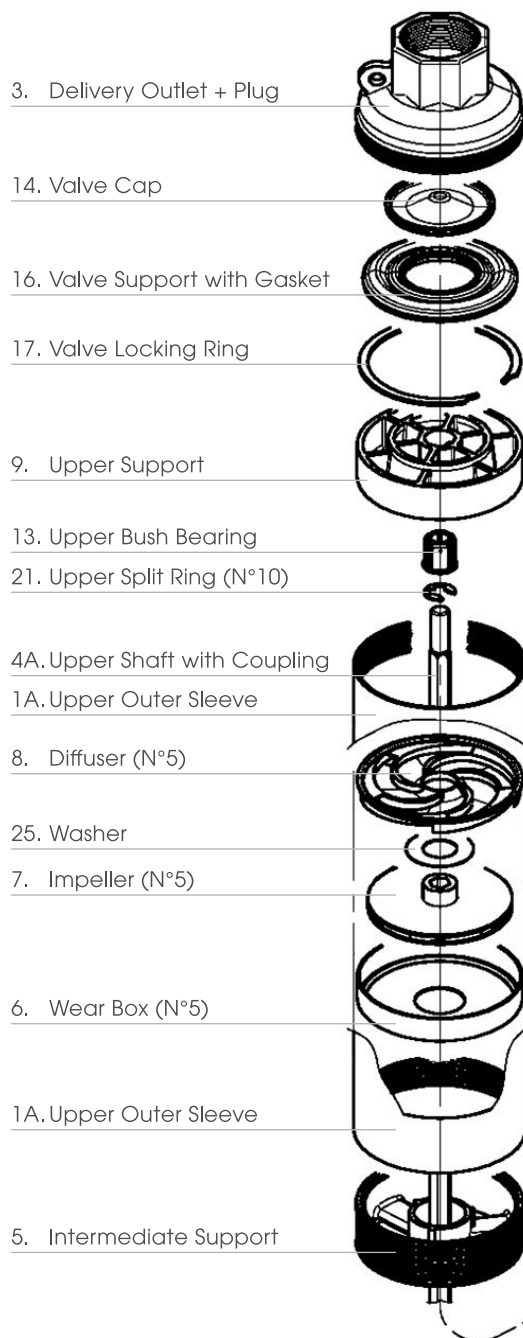
- 4 inch Oil Filled Rewindable Motor
- Stainless Steel Submersible Electric Motor
- 6 inch Water Filled Rewindable Motor
- Complete Stainless Steel Construction Available Upon Request



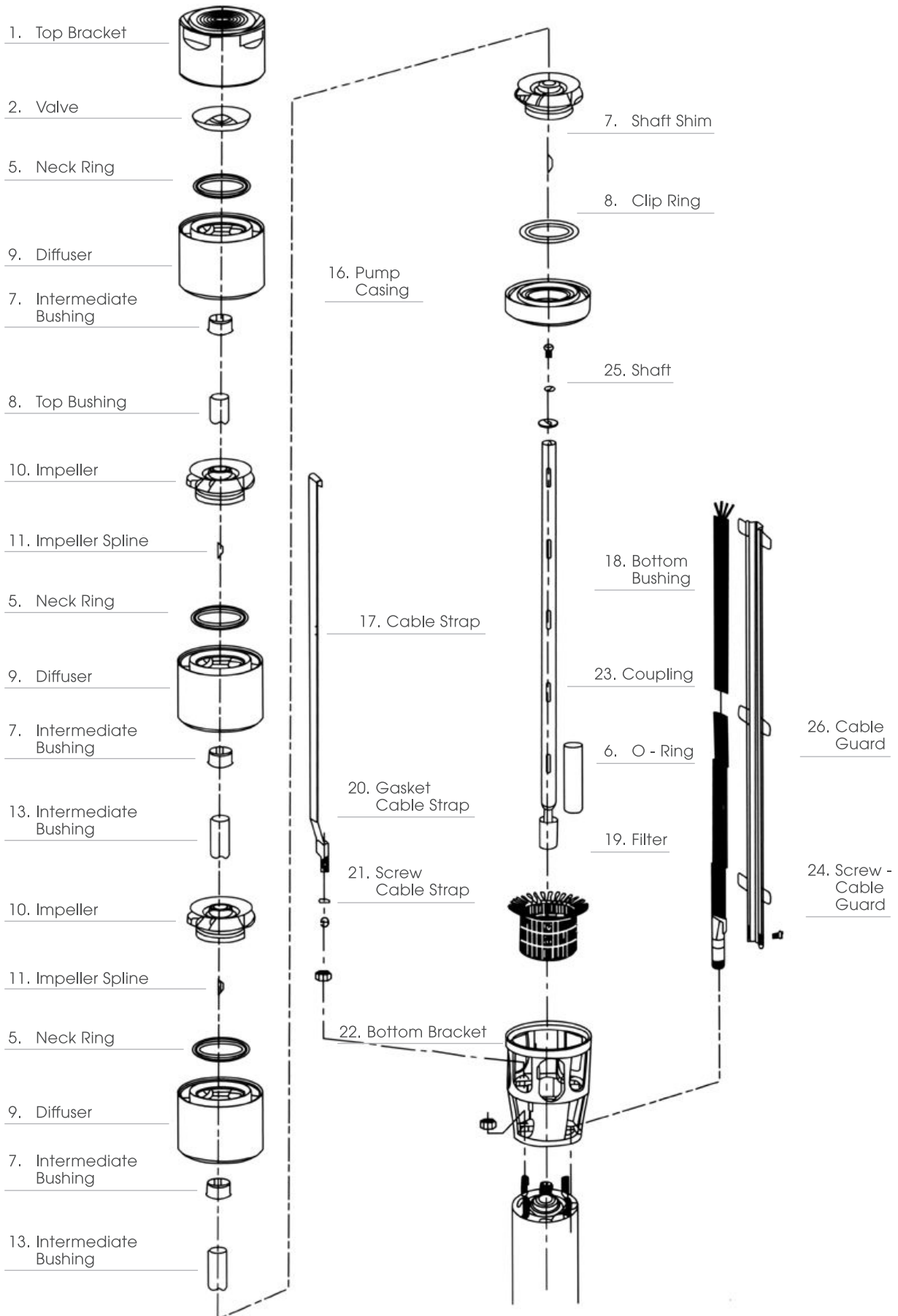
| 50HZ                            |     | 4" SINGLE PHASE MOTOR - 50HZ - |        |     |      |      |           |        |      |      |         |      |    |
|---------------------------------|-----|--------------------------------|--------|-----|------|------|-----------|--------|------|------|---------|------|----|
|                                 |     | THRUST LOAD                    | WEIGHT | H   | KW   | HP   | IN        | ISTART | RPM  | COS  | TS / TN | EFF% | Fμ |
|                                 |     | N                              | KG     | MM  |      |      | AMP       |        |      |      |         |      |    |
| SINGLE PHASE<br>220 / 230V 50HZ | PRS | 1500                           | 7.0    | 325 | 0.37 | 0.5  | 3.4/3.6   | 10.2   | 2860 | 0.94 | 0.75    | 53   | 20 |
|                                 | PRS |                                | 7.6    |     | 0.55 | 0.75 | 4.2/4.5   | 13.6   | 2855 | 0.94 | 0.63    | 61   | 25 |
|                                 | PRS |                                | 8.7    | 350 | 0.75 | 1.0  | 5.8/6     | 18.5   | 2855 | 0.96 | 0.62    | 63   | 35 |
|                                 | PRS |                                | 10.3   | 385 | 1.1  | 1.5  | 8/8.2     | 26.0   | 2855 | 0.97 | 0.62    | 67   | 40 |
|                                 | PRS |                                | 12.0   | 420 | 1.5  | 2.0  | 10.8/11   | 34.0   | 2855 | 0.98 | 0.62    | 65   | 60 |
|                                 | PRS | 1500                           | 14.2   | 470 | 2.2  | 3.0  | 14.6/14.8 | 48.0   | 2820 | 0.96 | 0.64    | 68   | 80 |

| 50HZ            |      | 4" THREE PHASE MOTOR - 50HZ - |        |     |      |      |           |        |      |      |         |      |
|-----------------|------|-------------------------------|--------|-----|------|------|-----------|--------|------|------|---------|------|
|                 |      | THRUST LOAD                   | WEIGHT | H   | KW   | HP   | IN        | ISTART | RPM  | COS  | TS / TN | EFF% |
|                 |      | N                             | KG     | MM  |      |      | AMP       |        |      |      |         |      |
| 380 / 400V 50HZ | PTR  | 1500                          | 6,5    | 325 | 0,37 | 0,5  | 1,4/1,6   | 5      | 2840 | 0,72 | 2,8     | 58   |
|                 | PTR  |                               | 7,0    |     | 0,55 | 0,75 | 1,9/2,0   | 7      | 2830 | 0,75 | 3,1     | 62   |
|                 | PTR  |                               | 7,6    |     | 0,75 | 1    | 2,4/2,6   | 10     | 2830 | 0,74 | 3,3     | 67   |
|                 | PTR  |                               | 8,7    | 350 | 1,1  | 1,5  | 3,2/3,4   | 14     | 2820 | 0,74 | 3,2     | 67   |
|                 | PTR  |                               | 10,4   | 385 | 1,5  | 2    | 4,4/4,6   | 17     | 2820 | 0,72 | 3,4     | 68   |
| THREE PHASE     | PTR  | 1500                          | 12,0   | 420 | 2,2  | 3,0  | 6,0/6,2   | 24     | 2820 | 0,76 | 3,1     | 74   |
|                 | PTRM | 2500                          | 14,2   | 470 |      |      | 6,0/6,2   | 24     | 2820 | 0,76 | 3,1     | 74   |
|                 | PTR  | 2500                          | 11,9   | 418 | 3,0  | 4,0  | 7,7/7,8   | 30     | 2860 | 0,80 | 2,8     | 78   |
|                 | PTRM | 4400                          | 19,0   | 550 |      |      | 7,9/8     | 34     | 2860 | 0,78 | 3,5     | 75   |
|                 | PTR  | 2500                          | 13,4   | 468 | 4,0  | 5,5  | 9,7/9,8   | 45     | 2825 | 0,82 | 3,0     | 78   |
|                 | PTRM | 4400                          | 20,5   | 580 |      |      | 10/10,2   | 47     | 2840 | 0,78 | 3,5     | 75   |
|                 | PTR  | 2500                          | 15,5   | 538 | 5,5  | 7,5  | 13,5/13,8 | 55     | 2820 | 0,83 | 3,0     | 78   |
|                 | PTRM | 4400                          | 22,4   | 650 |      |      | 14/14,4   | 58     | 2830 | 0,79 | 3,5     | 76   |
|                 | PTRM | 4400                          | 27,0   | 810 | 7,5  | 10   | 19/19,5   | 72     | 2820 | 0,78 | 3,2     | 76   |

| 50HZ            |    | THREE PHASE 6" MOTOR - 50HZ - |        |      |      |      |      |      |      |         |      |  |  |
|-----------------|----|-------------------------------|--------|------|------|------|------|------|------|---------|------|--|--|
|                 |    | THRUST LOAD                   | WEIGHT | H    | KW   | HP   | IN   | RPM  | COS  | TS / TN | EFF% |  |  |
|                 |    | N                             | KG     | MM   |      |      | AMP  |      |      |         |      |  |  |
| 380 / 400V 50HZ | XY | 10,000                        | 32     | 540  | 4.0  | 5.5  | 8.8  | 2860 | 0.82 | 2.4     | 76   |  |  |
|                 | XY | 10,000                        | 40     | 570  | 5.5  | 7.5  | 12.5 | 2860 | 0.82 | 3.0     | 78   |  |  |
|                 | XY | 10,000                        | 42     | 600  | 7.5  | 10.0 | 16.9 | 2860 | 0.82 | 2.5     | 77   |  |  |
|                 | XY | 10,000                        | 45     | 600  | 9.3  | 12.5 | 21.5 | 2860 | 0.81 | 2.4     | 80   |  |  |
|                 | XY | 10,000                        | 48     | 700  | 11.0 | 15.0 | 23.7 | 2860 | 0.83 | 2.4     | 83   |  |  |
|                 | XY | 10,000                        | 50     | 700  | 12.8 | 17.5 | 27.8 | 2850 | 0.84 | 2.4     | 82   |  |  |
|                 | XY | 10,000                        | 54     | 760  | 15.0 | 20.0 | 30.4 | 2840 | 0.85 | 2.5     | 82   |  |  |
|                 | XY | 10,000                        | 65     | 830  | 18.5 | 25.0 | 38.8 | 2850 | 0.85 | 2.1     | 82   |  |  |
|                 | XY | 10,000                        | 70     | 890  | 22.0 | 30.0 | 44.0 | 2850 | 0.86 | 2.0     | 83   |  |  |
|                 | XY | 20,000                        | 90     | 1030 | 30.0 | 40.0 | 62.0 | 2860 | 0.86 | 2.0     | 86   |  |  |





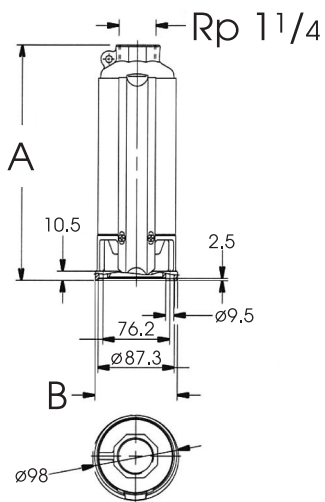


| PBS 1<br>PUMP TYPE | MOTOR   |       |      | DIMENSION (MM) |    | NET WEIGHT (KG) |
|--------------------|---------|-------|------|----------------|----|-----------------|
|                    | TYPE    | POWER |      | PUMP           |    | PUMP            |
|                    |         | KW    | HP   | A              | B  |                 |
| PBS 1 - 8          | PRS     | 0.37  | 0.50 | 298            | 94 | 3.10            |
| PBS 1 - 12         | PRS/PRT | 0.37  | 0.50 | 369            | 94 | 3.90            |
| PBS 1 - 18         | PRS/PRT | 0.55  | 0.75 | 472            | 94 | 4.90            |
| PBS 1 - 24         | PRS/PRT | 0.75  | 1.00 | 578            | 94 | 5.80            |
| PBS 1 - 35         | PRS/PRT | 1.10  | 1.50 | 824            | 94 | 8.70            |
| PBS 1 - 49         | PRS/PRT | 1.50  | 2.00 | 1068           | 94 | 11.80           |

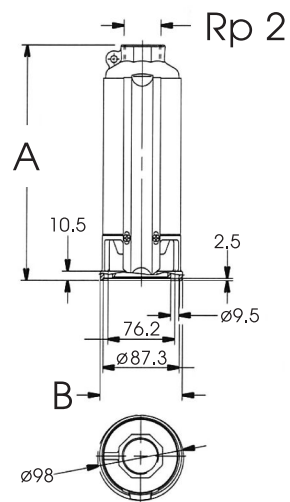
| PBS 2<br>PUMP TYPE | MOTOR   |       |      | DIMENSION (MM) |    | NET WEIGHT (KG) |
|--------------------|---------|-------|------|----------------|----|-----------------|
|                    | TYPE    | POWER |      | PUMP           |    | PUMP            |
|                    |         | KW    | HP   | A              | B  |                 |
| PBS 2 - 5          | PRS     | 0.37  | 0.50 | 245            | 94 | 2.60            |
| PBS 2 - 7          | PRS/PRT | 0.37  | 0.50 | 280            | 94 | 2.90            |
| PBS 2 - 10         | PRS/PRT | 0.55  | 0.75 | 332            | 94 | 3.50            |
| PBS 2 - 14         | PRS/PRT | 0.75  | 1.00 | 402            | 94 | 4.20            |
| PBS 2 - 20         | PRS/PRT | 1.10  | 1.50 | 507            | 94 | 5.30            |
| PBS 2 - 28         | PRS/PRT | 1.50  | 2.00 | 680            | 94 | 7.10            |
| PBS 2 - 40         | PRS/PRT | 2.20  | 3.00 | 914            | 94 | 10.10           |
| PBS 2 - 52         | PRT     | 3.00  | 4.00 | 1120           | 94 | 12.20           |

| PBS 4<br>PUMP TYPE | MOTOR   |       |      | DIMENSION (MM) |    | NET WEIGHT (KG) |
|--------------------|---------|-------|------|----------------|----|-----------------|
|                    | TYPE    | POWER |      | PUMP           |    | PUMP            |
|                    |         | KW    | HP   | A              | B  |                 |
| PBS 4 - 4          | PRS/PRT | 0.37  | 0.50 | 245            | 94 | 2.50            |
| PBS 4 - 7          | PRS/PRT | 0.55  | 0.75 | 309            | 94 | 3.10            |
| PBS 4 - 9          | PRS/PRT | 0.75  | 1.00 | 352            | 94 | 3.50            |
| PBS 4 - 14         | PRS/PRT | 1.10  | 1.50 | 460            | 94 | 4.60            |
| PBS 4 - 19         | PRS/PRT | 1.50  | 2.00 | 568            | 94 | 5.70            |
| PBS 4 - 27         | PRS/PRT | 2.20  | 3.00 | 770            | 94 | 7.60            |
| PBS 4 - 35         | PRT     | 3.00  | 4.00 | 967            | 94 | 9.60            |
| PBS 4 - 48         | PRT     | 4.00  | 5.50 | 1248           | 94 | 12.80           |

| PBS 6<br>PUMP TYPE | MOTOR   |       |      | DIMENSION (MM) |    | NET WEIGHT (KG) |
|--------------------|---------|-------|------|----------------|----|-----------------|
|                    | TYPE    | POWER |      | PUMP           |    | PUMP            |
|                    |         | KW    | HP   | A              | B  |                 |
| PBS 6 - 5          | PRS/PRT | 0.55  | 0.75 | 329            | 94 | 3.50            |
| PBS 6 - 7          | PRS/PRT | 0.75  | 1.00 | 390            | 94 | 4.20            |
| PBS 6 - 10         | PRS/PRT | 1.10  | 1.50 | 485            | 94 | 5.10            |
| PBS 6 - 14         | PRS/PRT | 1.50  | 2.00 | 645            | 94 | 6.80            |
| PBS 6 - 21         | PRS/PRT | 2.20  | 3.00 | 862            | 94 | 9.10            |
| PBS 6 - 29         | PRT     | 3.00  | 4.00 | 1127           | 94 | 11.80           |
| PBS 6 - 38         | PRT     | 4.00  | 5.50 | 1406           | 94 | 14.70           |
| PBS 6 - 52         | PRT     | 5.50  | 7.50 | 1840           | 94 | 19.30           |



4 Inch Technical Data  
Pbs 1, 2, 4, 6



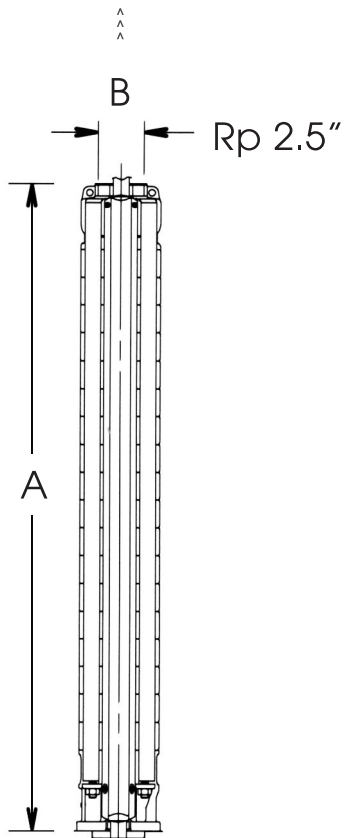
4 Inch Technical Data  
Pbs 8, 12, 16

| PBS 8<br>PUMP TYPE | MOTOR   |       | DIMENSION (MM) |      | NET WEIGHT (KG) |       |
|--------------------|---------|-------|----------------|------|-----------------|-------|
|                    | TYPE    | POWER |                | PUMP |                 | PUMP  |
|                    |         | KW    | HP             | A    | B               |       |
| PBS 8 - 4          | PRS/PRT | 0.75  | 1.00           | 299  | 94              | 3.20  |
| PBS 8 - 6          | PRS/PRT | 1.10  | 1.50           | 361  | 94              | 3.80  |
| PBS 8 - 8          | PRS/PRT | 1.50  | 2.00           | 423  | 94              | 4.50  |
| PBS 8 - 13         | PRS/PRT | 2.20  | 3.00           | 580  | 94              | 6.00  |
| PBS 8 - 17         | PRT     | 3.00  | 4.00           | 740  | 94              | 7.80  |
| PBS 8 - 23         | PRT     | 4.00  | 5.50           | 926  | 94              | 9.60  |
| PBS 8 - 32         | PRT     | 5.50  | 7.50           | 1224 | 94              | 12.80 |
| PBS 8 - 43         | PRT     | 7.50  | 10.00          | 1563 | 94              | 16.20 |

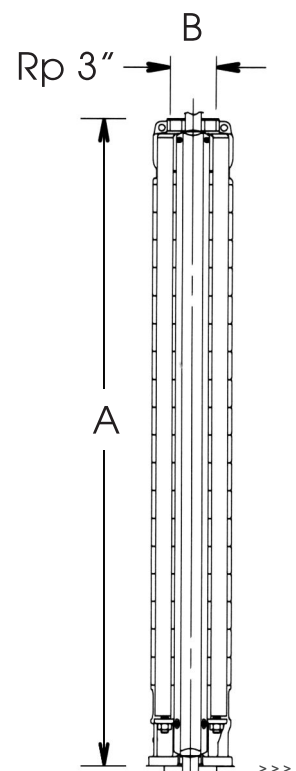
| PBS 12<br>PUMP TYPE | MOTOR   |       | DIMENSION (MM) |      | NET WEIGHT (KG) |       |
|---------------------|---------|-------|----------------|------|-----------------|-------|
|                     | TYPE    | POWER |                | PUMP |                 | PUMP  |
|                     |         | KW    | HP             | A    | B               |       |
| PBS 12 - 7          | PRS/PRT | 1.50  | 2.00           | 539  | 94              | 5.20  |
| PBS 12 - 11         | PRS/PRT | 2.20  | 3.00           | 785  | 94              | 7.90  |
| PBS 12 - 15         | PRT     | 3.00  | 4.00           | 992  | 94              | 10.00 |
| PBS 12 - 20         | PRT     | 4.00  | 5.50           | 1252 | 94              | 12.60 |
| PBS 12 - 27         | PRT     | 5.50  | 7.50           | 1634 | 94              | 16.80 |
| PBS 12 - 35         | PRT     | 7.50  | 10.00          | 2049 | 94              | 20.90 |

| PBS 16<br>PUMP TYPE | MOTOR   |       | DIMENSION (MM) |      | NET WEIGHT (KG) |       |
|---------------------|---------|-------|----------------|------|-----------------|-------|
|                     | TYPE    | POWER |                | PUMP |                 | PUMP  |
|                     |         | KW    | HP             | A    | B               |       |
| PBS 16 - 9          | PRS/PRT | 2.20  | 3.00           | 749  | 94              | 7.70  |
| PBS 16 - 12         | PRT     | 3.00  | 4.00           | 953  | 94              | 9.70  |
| PBS 16 - 16         | PRT     | 4.00  | 5.50           | 1224 | 94              | 12.40 |
| PBS 16 - 21         | PRT     | 5.50  | 7.50           | 1620 | 94              | 16.50 |
| PBS 16 - 28         | PRT     | 7.50  | 10.00          | 2096 | 94              | 21.20 |

| PBS 20<br>PUMP TYPE | MOTOR |       | DIMENSION (MM) |      | NET WEIGHT (KG) |       |
|---------------------|-------|-------|----------------|------|-----------------|-------|
|                     | TYPE  | POWER |                | PUMP |                 | PUMP  |
|                     |       | KW    | HP             | A    | B               |       |
| PBS 20 - 5          | PRTM  | 3.00  | 4.00           | 548  | 132             | 13.50 |
| PBS 20 - 7          | PRTM  | 4.00  | 5.50           | 665  | 132             | 17.00 |
| PBS 20 - 10         | PRTM  | 5.50  | 7.50           | 853  | 132             | 22.50 |
| PBS 20 - 13         | XY    | 7.50  | 10.00          | 1032 | 132             | 30.00 |
| PBS 20 - 14         | XY    | 9.30  | 12.50          | 1092 | 132             | 32.50 |
| PBS 20 - 17         | XY    | 9.30  | 12.50          | 1272 | 132             | 39.00 |
| PBS 20 - 20         | XY    | 11.00 | 15.00          | 1452 | 132             | 44.50 |
| PBS 20 - 22         | XY    | 15.00 | 20.00          | 1572 | 132             | 48.50 |
| PBS 20 - 26         | XY    | 15.00 | 20.00          | 1812 | 132             | 55.50 |
| PBS 20 - 28         | XY    | 18.50 | 25.00          | 1932 | 132             | 59.50 |
| PBS 20 - 33         | XY    | 18.50 | 25.00          | 2232 | 132             | 69.50 |
| PBS 20 - 35         | XY    | 22.00 | 30.00          | 2352 | 132             | 73.00 |
| PBS 20 - 40         | XY    | 22.00 | 30.00          | 2655 | 132             | 82.00 |



\* PRTM - 4" Three Phase Motor, Maximum Thrust, 380 - 400V  
 XY - 6" Three Phase Motor, 380V - 415V





| PBS 30<br>PUMP TYPE | MOTOR |       |       | DIMENSION (MM) |     | NET WEIGHT (KG) |
|---------------------|-------|-------|-------|----------------|-----|-----------------|
|                     | TYPE  | POWER |       | PUMP           |     | PUMP            |
|                     |       | KW    | HP    | A              | B   |                 |
| PBS 30 - 3          | PRTM  | 3.00  | 4.00  | 511            | 133 | 12.00           |
| PBS 30 - 4          | PRTM  | 4.00  | 5.50  | 595            | 133 | 14.50           |
| PBS 30 - 6          | PRTM  | 5.50  | 7.50  | 765            | 133 | 20.00           |
| PBS 30 - 8          | XY    | 7.50  | 10.00 | 930            | 133 | 26.50           |
| PBS 30 - 10         | XY    | 9.30  | 12.50 | 1098           | 133 | 32.00           |
| PBS 30 - 13         | XY    | 11.00 | 15.00 | 1348           | 133 | 40.00           |
| PBS 30 - 14         | XY    | 15.00 | 20.00 | 1430           | 133 | 43.00           |
| PBS 30 - 17         | XY    | 15.00 | 20.00 | 1680           | 133 | 51.00           |
| PBS 30 - 18         | XY    | 18.50 | 25.00 | 1763           | 133 | 53.50           |
| PBS 30 - 21         | XY    | 18.50 | 25.00 | 2012           | 133 | 61.50           |
| PBS 30 - 23         | XY    | 22.00 | 30.00 | 2178           | 133 | 66.50           |
| PBS 30 - 26         | XY    | 22.00 | 30.00 | 2427           | 133 | 74.50           |
| PBS 30 - 29         | XY    | 30.00 | 40.00 | 2676           | 133 | 82.50           |
| PBS 30 - 34         | XY    | 30.00 | 40.00 | 3091           | 133 | 96.00           |

| PBS 46<br>PUMP TYPE | MOTOR |       |       | DIMENSION (MM) |     | NET WEIGHT (KG) |
|---------------------|-------|-------|-------|----------------|-----|-----------------|
|                     | TYPE  | POWER |       | PUMP           |     | PUMP            |
|                     |       | KW    | HP    | A              | B   |                 |
| PBS 46 - 5          | XY    | 7.50  | 10.00 | 745            | 144 | 22.00           |
| PBS 46 - 6          | XY    | 9.30  | 12.50 | 839            | 144 | 25.50           |
| PBS 46 - 7          | XY    | 11.00 | 15.00 | 932            | 144 | 28.50           |
| PBS 46 - 9          | XY    | 15.00 | 20.00 | 1122           | 144 | 35.00           |
| PBS 46 - 12         | XY    | 18.50 | 25.00 | 1404           | 144 | 45.00           |
| PBS 46 - 15         | XY    | 22.00 | 30.00 | 1686           | 144 | 55.00           |
| PBS 46 - 16         | XY    | 30.00 | 40.00 | 1780           | 144 | 58.00           |
| PBS 46 - 20         | XY    | 30.00 | 40.00 | 2156           | 144 | 71.00           |
| PBS 46 - 23         | XY    | 37.00 | 50.00 | 2440           | 144 | 81.00           |

| PBS 60<br>PUMP TYPE | MOTOR |       |       | DIMENSION (MM) |     | NET WEIGHT (KG) |
|---------------------|-------|-------|-------|----------------|-----|-----------------|
|                     | TYPE  | POWER |       | PUMP           |     | PUMP            |
|                     |       | KW    | HP    | A              | B   |                 |
| PBS 60 - 4          | XY    | 7.50  | 10.00 | 655            | 144 | 19.00           |
| PBS 60 - 5          | XY    | 9.30  | 12.50 | 745            | 144 | 22.00           |
| PBS 60 - 6          | XY    | 11.00 | 15.00 | 839            | 144 | 25.50           |
| PBS 60 - 8          | XY    | 15.00 | 20.00 | 1030           | 144 | 33.00           |
| PBS 60 - 10         | XY    | 18.50 | 25.00 | 1218           | 144 | 39.00           |
| PBS 60 - 12         | XY    | 22.00 | 30.00 | 1404           | 144 | 46.00           |
| PBS 60 - 14         | XY    | 30.00 | 40.00 | 1592           | 144 | 54.00           |
| PBS 60 - 16         | XY    | 30.00 | 40.00 | 1780           | 144 | 60.50           |
| PBS 60 - 18         | XY    | 37.00 | 50.00 | 1968           | 144 | 67.00           |
| PBS 60 - 20         | XY    | 37.00 | 50.00 | 2156           | 144 | 72.00           |

\* PRTM - 4" Three Phase Motor, Maximum Thrust, 380 - 400V  
XY - 6" Three Phase Motor, 380V - 415V



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