



# RS 4" Submersible Pumps Red Jacket Series

60 Hz standard capacity

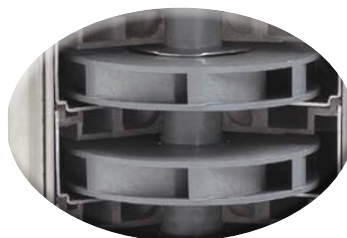
Xylem's Goulds Water Technology, Red Jacket RS Series 4" submersible pumps are engineered for reliable performance in residential and small municipal water systems.

## Quad lock technology

- 4 roll formed grooves provide one of the strongest connections available
- Provides the durability and sealing needed in the toughest conditions
- Tensile strength tested to exceed strength of poly and PVC pipe

## Floating stack design

- Superior sand handling
- Abrasion resistant glass filled engineered composite diffuser and impeller
- AISI 304SS bowl



Floating stack design

**Designed and assembled in the U.S.A.**

100% performance tested

VFD compatible

NSF/ANSI 61 Annex G • NSF/ANSI 372

Quad lock  
technology



## Materials of construction

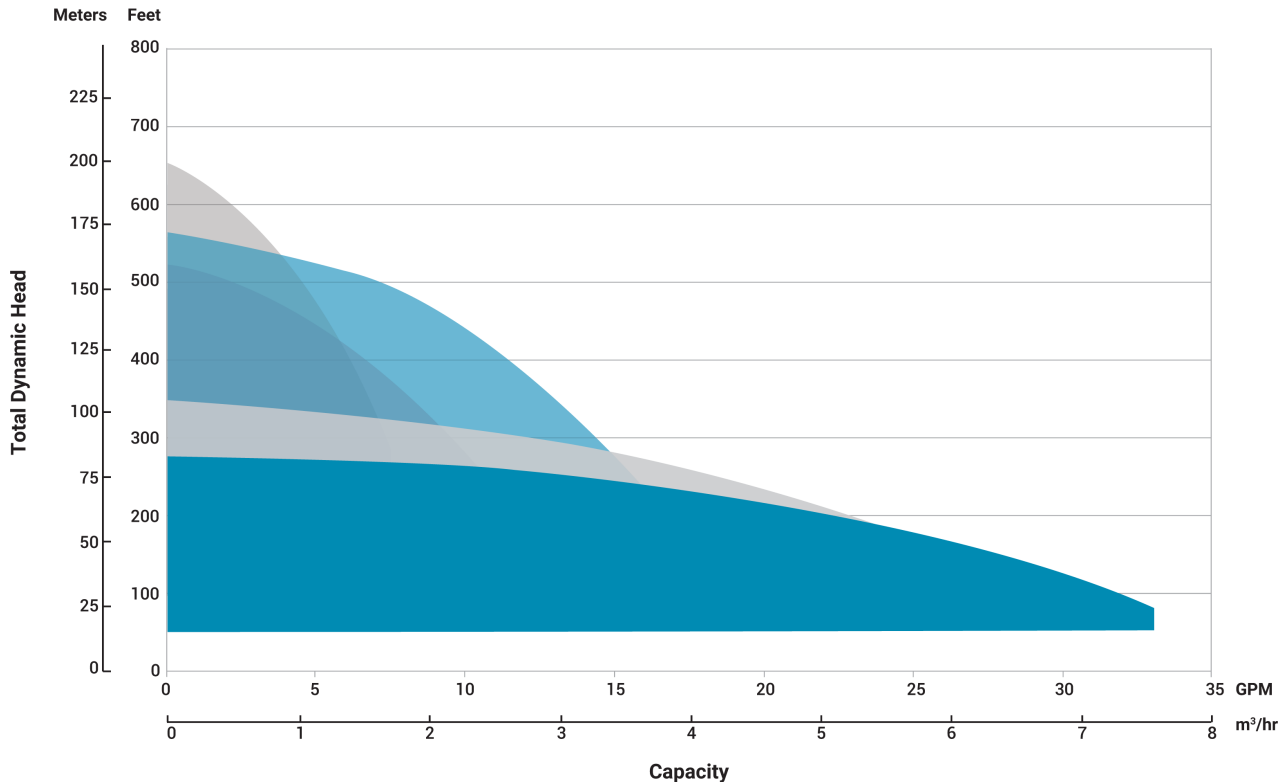
| Part name                  | Material                          |
|----------------------------|-----------------------------------|
| Discharge head             | Glass filled engineered composite |
| Check valve poppet         | Delrin®                           |
| Check valve seal           | BUNA, FDA compliant               |
| Check valve retaining ring | AISI 302 SS                       |
| Bearing                    | Proprietary engineered polymer    |
| Shaft retaining ring       | AISI 301 SS                       |
| Diffuser                   | Glass filled engineered composite |
| Impeller                   | Glass filled engineered composite |
| Bowl                       | AISI 304 SS                       |
| Shim                       | AISI 304 SS                       |
| Screws – cable guard       | AISI 304 SS                       |
| Motor adapter              | Glass filled engineered composite |
| Casing                     | AISI 304 SS                       |
| Shaft                      | AISI 304 SS                       |
| Coupling                   | AISI 304 SS, Powder metal         |
| Cable guard                | AISI 304 SS                       |

Optional wrap around suction strainer. Order 7K3356 (quantity 1) • Order 7K3361 (quantity 50).

## Water end data

| Model | Order number | Required HP | Stages | Weight lbs (kg) | Length in (mm) |
|-------|--------------|-------------|--------|-----------------|----------------|
| 5RS   | 5RS05        | ½           | 12     | 5.5 (2.49)      | 15.7 (398.8)   |
|       | 5RS07        | ¾           | 15     | 6.5 (2.95)      | 17.8 (452.1)   |
|       | 5RS10        | 1           | 20     | 8.1 (3.67)      | 21.2 (538.5)   |
| 7RS   | 7RS05        | ½           | 10     | 4.9 (2.22)      | 14.6 (370.8)   |
|       | 7RS07        | ¾           | 13     | 5.9 (2.68)      | 16.7 (424.2)   |
|       | 7RS10        | 1           | 17     | 7.2 (3.27)      | 19.6 (497.8)   |
| 10RS  | 10RS05       | ½           | 7      | 13.6 (6.17)     | 12.3 (312.4)   |
|       | 10RS07       | ¾           | 10     | 16.4 (7.44)     | 14.4 (365.8)   |
|       | 10RS10       | 1           | 12     | 17.7 (8.03)     | 15.7 (398.8)   |
|       | 10RS15       | 1½          | 17     | 18.4 (8.35)     | 19.2 (487.7)   |
| 18RS  | 18RS07       | ¾           | 6      | 3.8 (1.72)      | 12.6 (320)     |
|       | 18RS10       | 1           | 8      | 4.5 (2.04)      | 14.3 (363.2)   |
|       | 18RS15       | 1½          | 11     | 5.6 (2.54)      | 16.8 (426.7)   |
| 25RS  | 25RS10       | 1           | 7      | 4.3 (1.95)      | 14.0 (355.6)   |
|       | 25RS15       | 1½          | 9      | 5.1 (2.31)      | 15.9 (403.9)   |

## Performance curves



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Learn more about  
RS series



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