



**UDOR**<sup>®</sup>  
**USA**

*World Leader in Diaphragm and Plunger Pumps*



**De-Salination & Reverse Osmosis Applications**  
**Plunger Pumps and Accessories**

# Stainless Steel Series Plunger Pumps

## Desalination & Reverse Osmosis

Designed and engineered for the harsh salt-water environments of marine desalination equipment. From small, portable units to large, installed, whole-vessel reverse osmosis systems, UDOR USA offers the pump to meet your needs.

### Pump Features Include:

- 316 Stainless Steel Manifolds
- 316 Stainless Steel Valves
- 316 Stainless Steel Plunger Rods & Nuts
- 304 Stainless Steel Exterior Bolts
- Solid Ceramic Plungers
- PTFE Style Packings
- Max Fluid Temp, 160°F

### PS SERIES - 24mm Solid Keyed Shaft

	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1450 RPM	PSC 06/15 S	1.5	5.7	2175	150	2.2 EBHP	15 lbs
	PSC 11/15 S	2.9	11.0	2175	150	4.2 EBHP	15 lbs
	PSC 13/15 S	3.4	13.0	2175	150	5.0 EBHP	15 lbs

### BS SERIES - 24mm Solid Keyed Shaft

	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1450 RPM	BSC 15/20 S	4.0	15.0	2900	200	7.7 EBHP	26 lbs
	BSC 18/20 S	4.9	18.5	2900	200	9.5 EBHP	26 lbs
	BSC 21/20 S	5.5	21.0	2900	200	10.8 EBHP	26 lbs

### CS SERIES - 24mm Solid Keyed Shaft

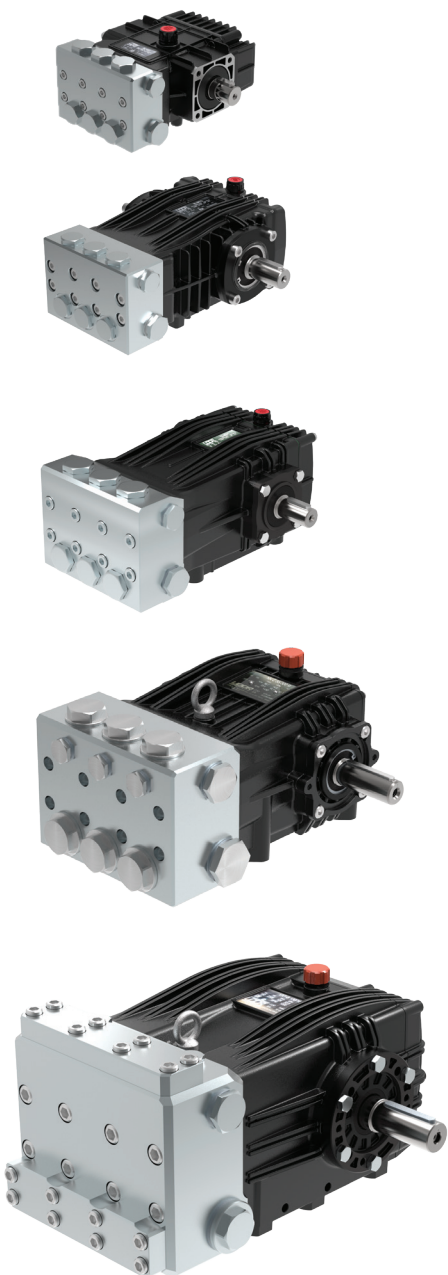
	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1450 RPM	CSC 27/20 S	7.1	27.0	2900	200	13.8 EBHP	43 lbs
	CSC 34/20 S	9.0	34.0	2900	200	17.4 EBHP	43 lbs
	CSC 42/17 S	11.6	44.0	2465	170	19.5 EBHP	44 lbs
	CSC 50/15 S	13.2	50.0	2175	150	19.5 EBHP	44 lbs

### NKS SERIES - 30mm Solid Keyed Shaft

	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1450 RPM	NKS-C 75/170 R	19.9	75.1	2465	170	32.8 EBHP	79.6 lbs
	NKS-C 85/170 R	22.5	85.2	2465	170	37.1 EBHP	79.6 lbs
	NKS-C 100/150 R	26.4	100.0	2175	150	38.4 EBHP	79.6 lbs
	NKS-C 145/100 R	37.8	143.0	1450	100	36.7 EBHP	79.6 lbs

### VXS SERIES - 35mm Solid Keyed Shaft

	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1000 RPM	VXS-B 100/200 R	25.9	98.0	2900	200	50.3 EBHP	150 lbs.
	VXS-B 130/160 R	32.8	124.0	2320	160	50.9 EBHP	150 lbs.
	VXS-B 160/130 R	41.0	155.0	1885	130	51.7 EBHP	150 lbs.



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BOOMLESS SPRAY NOZZLES



**FLYER**  
**DS223A**