



Hydra-Cell T & Q Series “Packing-Free” Pumps

Hydra-Cell T100 Series triplex and Q155 Series quintuplex pumps feature an exclusive seal-less diaphragm design that eliminates packing and plunger wear, leakage, external lubrication, and emission - resulting in lower costs of ownership and maintenance as well as longer service life than traditional packed pumps. Manifold material options include Nickel Aluminum Bronze (NAB) and 316L Stainless Steel.



T100 triplex pump with Nickel Aluminum Bronze (NAB) pump head



T100 triplex pump with Stainless Steel pump head

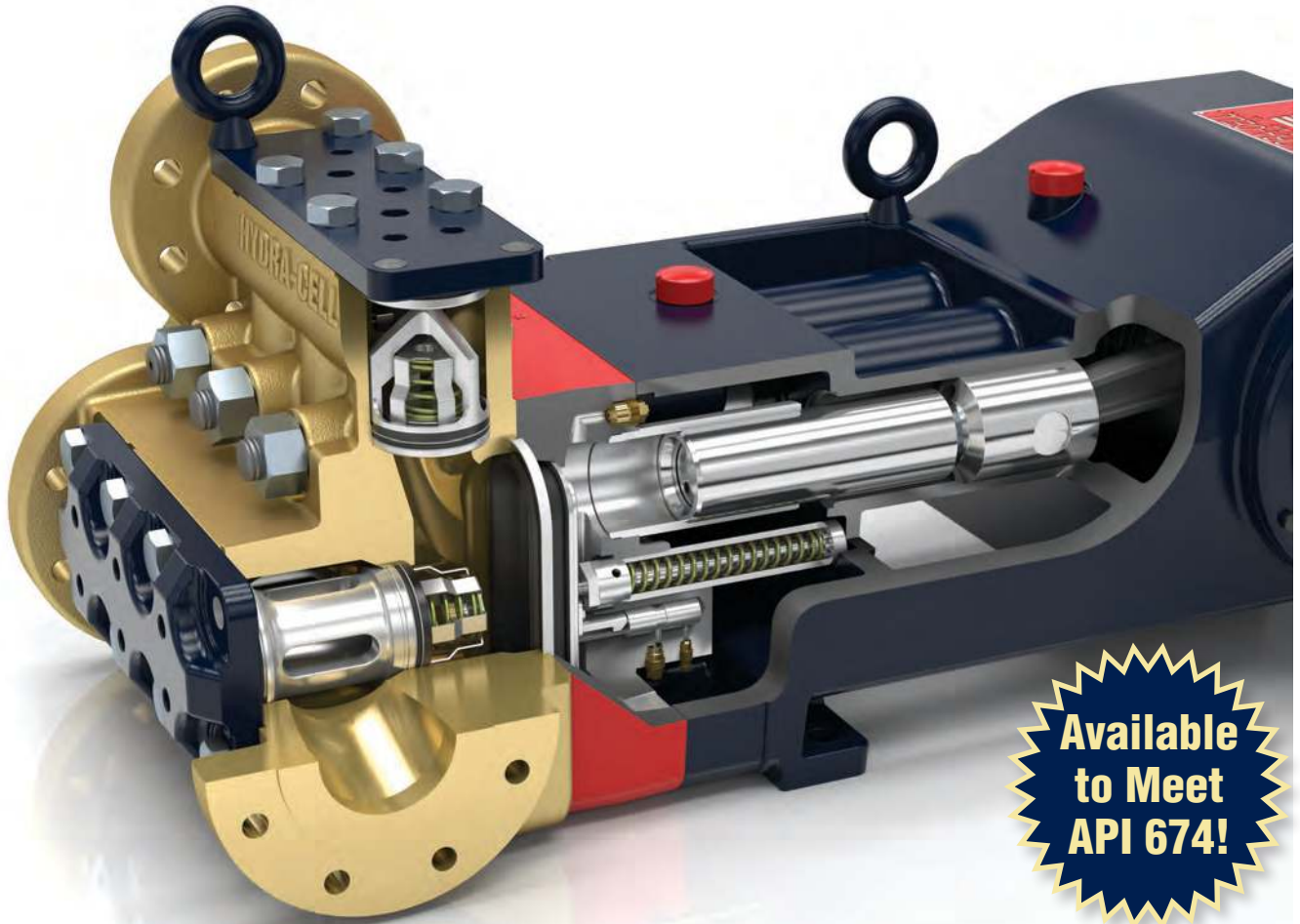


Q155 quintuplex pump with Nickel Aluminum Bronze (NAB) pump head

Model	Maximum Capacity			Maximum Discharge Pressure psi (bar)	Model	Maximum Capacity			Maximum Discharge Pressure psi (bar)
	BPD	gpm	l/min			BPD	gpm	l/min	
T100E	3292	96.0	366.1	1500 (103)	Q155E	5383	157	595	1500 (103)
T100F	2623	76.5	289.6	1850 (128)	Q155F	4354	127	490	1850 (128)
T100H	2332	68.0	257.8	2100 (145)	Q155H	3806	111	421	2100 (145)
T100K	1543	45.0	170.4	3000 (207)	Q155K	2674	78	295	3000 (207)
T100M	1302	38.0	143.8	3500 (241)	Q155M	2228	65	246	3500 (241)
T100S	891	26.0	98.4	5000 (345)					

Maximum Inlet Pressure for all models: 500 psi (34 bar).

Maximum Operating Temperature for all models: 180°F (82°C). Consult factory for correct component specification for temperatures above 180°F (82°C) or below 40°F (4°C)



**Available
to Meet
API 674!**

T & Q Series Pumps with an Exclusive Seal-less Diaphragm Design

- Seal-less design separates the power end from the process fluid end, eliminating leaks, hazards, and the expense associated with seals and packing
- Low NPSH requirements allow for operation with a vacuum condition on the suction - positive inlet pressure is not necessary
- Can operate with a closed or blocked suction line and run dry indefinitely without damage, eliminating downtime and repair costs
- Unique diaphragm design handles more abrasives with less wear than gear, screw or plunger pumps
- Hydraulically balanced diaphragms to handle high pressures with low stress
- Provides low-pulse, linear flow due to its multiple diaphragm design
- Lower energy costs than centrifugal pumps and other pump technologies
- Rugged construction for long life with minimal maintenance
- Compact design and double-ended shaft provides a variety of installation options



Due to the Wanner Engineering Continuous Improvement Program, specifications and other data are subject to change.

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