



## TRA®20 SERIES™

CIRCUMFERENTIAL PISTON PRODUCT LINE



## FEATURES & BENEFITS

### CLEANABILITY

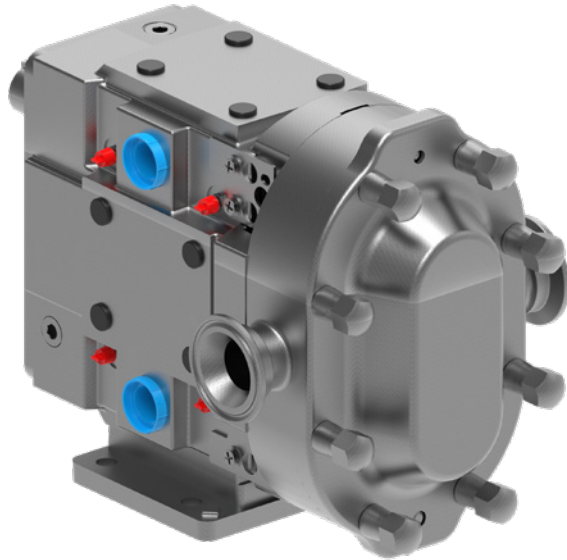
- CIP (Clean In Place) design optional
- Free draining cover with flat body profile option
- Sealed shaft with o-ring on rotor & rotor nut

### PERFORMANCE

- Efficient handling for low & high viscosity applications
- Exclusive, non-galling WFT 808® alloy rotors standard; permits running at tighter clearances
- High strength 17-4 PH single piece shaft standard
- Improved load carrying capabilities

### EASE OF MAINTENANCE

- Drop-in-place with TRA®10 & comparable manufacturer models
- Interchangeable service parts with comparable manufacturer models
- Stainless steel bearing retainers standard, prevent rusting



## PERFORMANCE

### MODELS

Model	Displacement		Max Pressure		Max Speed	Standard Ports		Max Capacity	
	USG/rev.	l/rev.	PSI	BAR	RPM	In	mm	GPM	m³/h
0060	0.008	0.03	300	21	1000	1	25.4	8	1.8
0150	0.014	0.052	250	17	800	1.5	38	11	2.5
0180	0.029	0.108	200	14	700	1.5	38	20	4.5
0300	0.06	0.227	250	17	600	1.5	38	36	8.2
0450	0.096	0.366	450	31	600	2	51	58	13.2
0600	0.15	0.568	300	21	600	2.5	64	90	20.4
1300	0.25	0.946	200	14	600	3	76	150	34.1
1800	0.383	1.45	450	31	600	3	76	230	52.2
2100	0.5	1.89	500	34	600	4	102	300	68.1
2200	0.516	1.95	300	21	600	4	102	310	70.4
3200	0.75	2.85	300	21	600	6	152	450	102

### RECTANGULAR FLANGE MODELS

Model	Displacement		Max Pressure		Max Speed	Inlet (WxL)		Outlet		Max Capacity	
	USG/rev.	l/rev.	PSI	BAR	RPM	In	mm	In	mm	GPM	m³/h
0340	0.06	0.23	200	14	400	1.75 x 6.75	44.50 x 171.45	1.5	38.1	24	5.4
0640	0.15	0.57	200	14	400	2.24 x 8.82	56.90 x 224.03	2.5	57.15	60	13.6
1340	0.25	0.95	200	14	400	2.97 x 9.25	75.44 x 234.95	3	76.2	100	22.7
2240	0.52	1.95	200	14	400	3.87 x 11.00	98.30 x 279.40	4	101.6	200	45.4



**CAPACITY**  
to 450 GPM  
(102 m³/h)



**PRESSURE**  
to 500 PSI  
(34 BAR)



**VISCOSITY**  
to 910,000 SSU  
(200,000 cSt)



**TEMPERATURE**  
to +300°F  
(+150°C)

