

## L/S® High-Performance Pump Heads

### Highest flow rate and pressure generation of any L/S pump head

- Offers better suction lift, viscous fluid transfer, and long tubing life—at pressures up to 150 psi (10.2 bar)
- Mount pump head upright or on its side—design allows tubing to enter/exit the same side of the pump head
- Rollers, bearings, rotor plates, and rotor shaft are made of stainless steel (SS); occlusion bed is made from polyphenylene sulfide (PPS) for excellent chemical resistance
- Compatible with all L/S drives listed in this catalog that accept two or more pump heads
- Accepts high-performance precision pump tubing sizes: L/S 15, L/S 24, L/S 35, L/S 36, and our high-pressure pump tubing: L/S 14HP, L/S 15HP, L/S 16HP and L/S 24HP
- Tubing enters/exits the same side of high-performance pump head 77250-62 for easy connection to tubing inlet and outlet
- ATEX Zone 2 approved model 77250-82; rated to EEx II 3 G c II C T6

**What's included:** mounting hardware and a 15" (38-cm) length of L/S 35 pump tubing.

#### FEATURES

- ✓ Load high-performance precision tubing easily
- ✓ Pressures up to 150 psi with L/S HP tubing
- ✓ Not stackable
- ✓ ATEX Zone 2 rated models available



ISO9001:2008  
CERTIFIED SUPPLIER

ATEX  
Zone 2  
77250-82



Pump tubing size	mL per rev	Flow rates in mL/min		Maximum system pressure psi (bar)	High-Performance pump head		ATEX-approved High-Performance pump head	
		0.02 to 100 rpm	6 to 600 rpm		Catalog number	Price	Catalog number	Price
L/S 14HP†	0.3	0.006 to 30	Not recommended	150 (10.2)	GY-77250-62		GY-77250-82	
L/S 16HP†	0.9	0.018 to 90	Not recommended	125 (8.5)				
L/S 15HP†	1.7	0.033 to 170	Not recommended	100 (6.8)				
L/S 24HP†	2.4	0.048 to 240	Not recommended	80 (5.5)				
L/S 15	1.8	0.036 to 180	11 to 1100	40 (2.7)				
L/S 24	3.0	0.060 to 300	18 to 1800	40 (2.7)				
L/S 35	4.3	0.086 to 430	26 to 2600	35 (2.4)				
L/S 36	5.8	0.116 to 580	34 to 3400	20 (1.4)				

†L/S 14HP, L/S 15HP, L/S 16HP and L/S 24HP pump tubing is for use only with the L/S High-Performance pump head mounted on any L/S 100 rpm drive capable of running two or more pump heads. **Note:** High-Performance pump heads are not stackable.

#### L/S High-Pressure Pump Tubing Ordering Information

Pump tubing formulation	L/S 14HP	L/S 16HP	L/S 15HP	L/S 24HP
Norprene®	—	GY-06504-16	GY-06504-15	—

#### Loading the High-Performance Pump Head

Rotate tubing retainer knob counterclockwise to release retainer, then lift latch to open.



Insert tubing into occlusion bed so that the tubing ends extend out of the tubing entrance as shown.



Snap the latch closed. Pull the tubing snug around the rotor, close the cover, and rotate the tubing retainer knob clockwise to secure tubing.



Mounted upright

#### Teky's Tips

