



No Routine Maintenance

with Graco's Sealed 4-Ball Lower

Sealed Fluid Section

- Completely eliminates the need for TSL

Improved Durability

- NEW Ultralife Coatings on lower rods and cylinders – smoother finish vs. standard ceramic coatings results in better wear and longer seal life
- Redesigned Carbide Outlet Checks result in significantly longer life
- Industry-leading design that continues pumping in the event of a bellows failure, giving you time to schedule maintenance



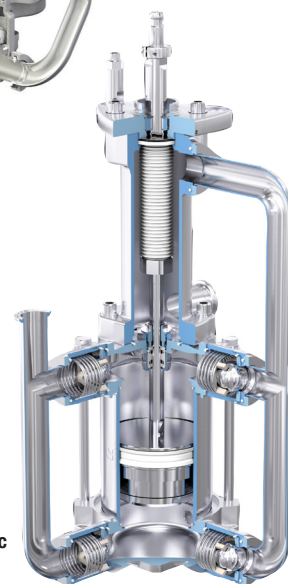
750-2000 cc

Backwards Compatible with Most Legacy Graco Circulation Pumps

- Connection kits provide all components required to upgrade to the newest technology

Lower Ordering Options

- Cylinder/Rod Coating
 - Choose Ultralife for most applications
 - Choose Chrome for fine pigment paint and fluids with low lubrication such as solvents and water
- Orientation
 - Alternate orientations** for inlet/outlet when mounted to the motor



2500, 3000, & 4000 cc

Ordering Information

Sealed 4-Ball Lower

SIZE	OUTPUT AT 20 CPM	MAXIMUM WORKING PRESSURE	PART NO.			
			Ultralife	Chrome	Ultralife 90° Rotation	Ultralife 180° Rotation
750 cc	4.0 gpm (15 lpm)	460 psi (31.7 bar, 3.1 MPa)	17K656	25N400	25N424	25N416
1000 cc	5.3 gpm (20 lpm)	460 psi (31.7 bar, 3.1 MPa)	17K657	25N404	25N425	25N417
1500 cc	7.9 gpm (30 lpm)	460 psi (31.7 bar, 3.1 MPa)	17K658	25N408	25N426	25N418
2000 cc	10.6 gpm (40 lpm)	460 psi (31.7 bar, 3.1 MPa)	17K659	25N410	25N427	25N419
2500 cc	13.0 gpm (50 lpm)	460 psi (31.7 bar, 3.1 MPa)	17Z387	17Z390	17Z695	17Z698
3000 cc	16.0 gpm (60 lpm)	400 psi (27.6 bar, 2.8 Mpa)	17Z388	17Z391	17Z696	17Z699
4000 cc	21.1 gpm (80 lpm)	300 psi (20.7 bar, 2.1 Mpa)	17Z389	17Z392	17Z697	17Z700

Connection Kits*

PART NO. Sealed 4-Ball 750-2000 cc	PART NO. Sealed 4-Ball Plus 2500-4000 cc	MOTOR
17K523	—	President
17K524	—	E-Flo
17K525	—	E-Flo DC (1 hp)

17K525	17K525	E-Flo DC (2 hp)
17K525	17K525	E-Flo DC X2
17K525	—	NXT 2200
17K525	17Z549	NXT 3400, 6500
17K525	17Z549	XL 3400, 6500
17K517	17K517	Bulldog

17K517	—	Senator
17K519	—	Viscount I
17K520	17K520	Viscount II

*Connection Kits contain tie rods, shields and adapters - all the components required to upgrade to a Sealed 4-Ball Lower.

Refer to manual **311876** for complete information.

Refer to manuals **333022 or **3A5348** for mounting orientations.

Call Graco at 866-361-5929 or visit us at graco.com/S4B