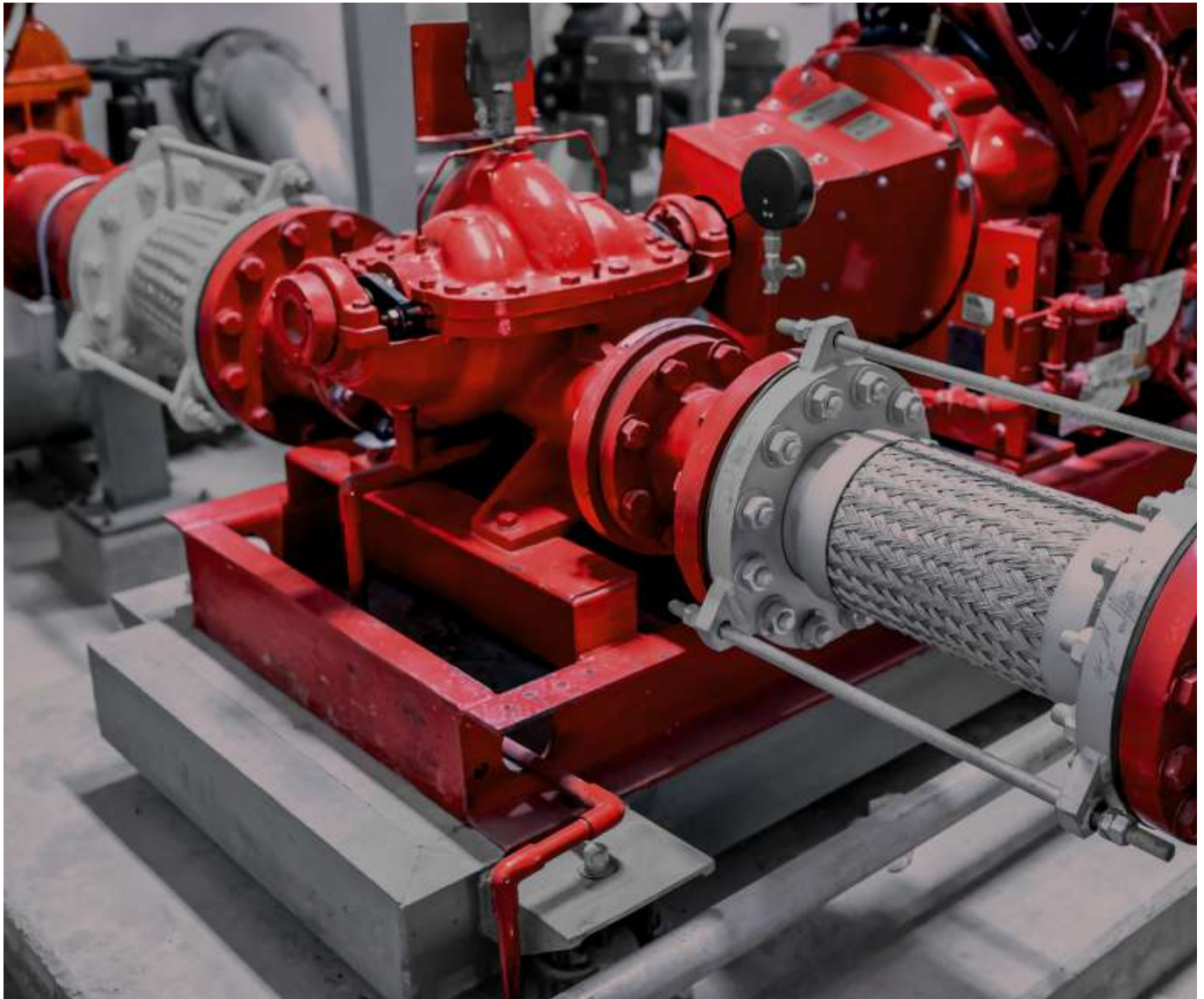


Fire Fighting Pumps



LIFECO pumps undergoes required inspection, tests and production control during the assembly process and records are logged for the same, before being delivered to our customers. Each pump produced, undergoes performance testings as follows:

a) OPERATION TEST

Performance curves are plotted showing the Efficiency, Brake-Horsepower (kW), and Total Head developed at shutoff, at rated capacity, at 150 percent of rated capacity, and at selected intermediate capacities between shutoff and maximum capacities exceeding 150% of rated capacity.

b) HYDROSTATIC TEST

Each pump is tested hydrostatically for not less than 5 minutes. The test pressure is to be up to 2 times the maximum working pressure of the pump, but in no case less than 250 psi (1724 kPa) to ensure no rupture or leakage through the castings at the test pressure.

c) IMPELLER BALANCING

The impellers of each pump are dynamically balanced to the G6.3 balance quality grade in accordance with the requirements for pump impellers in the Standard for Mechanical Vibration – Balance Quality

Splitcase Fire Pump



50/60 HZ



CAPACITY : 150 GPM to 3500 GPM
 PRESSURES : 88 TO 335 PSI
 MAX WORKING PRESSURE : 220 TO 405 PSI
 SPEED : 2900, 3000, 3500 AND 3600 RPM

- Volute Type Thru-Bore Casing
- Frame-Mounted Design
- Small Footprint Ideal for Retrofit
- Dynamically Balanced
- Double Suction Impeller
- Heavy Duty With Heavy Wall Thickness
- 100% Hydrostatic & performance Tested

Wide Range of Flows and Pressures Available in ELECTRIC MOTOR and DIESEL ENGINE Driven Configuration Suitable for Commercial, Industrial and Buildings Applications.

Notes

1. All Pumps are Hydrostatically Tested to minimum of 150 % of its Maximum Working Pressure and can with stand Double the Max. Working Pressure.
2. All Pumps have Clock-Wise Rotation when viewed from the Driver Side.
3. All Pumps are horizontal single stage Pumps.
4. "The rated speed marked on the pump can vary within +/- 4% of the listed/ approved rated speed example : 3000 RPM pump can be driven with 2900 RPM Drivers."

** Compliant to NFPA 20 Design & Installation Requirements.

Model Dsg.	Rated Capacity (GPM)	Size (in.)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)	Max Working Pressure (PSI)
GMS 150- 25SH	150 GPM	6x4	114-208	3500	300
			121-220	3600	
GMS 150- 40SM		6x4	206-289	2900	385
			221-310	3000	
GMS 150- SN 3 1SH		6x4	226-316	3500	405
			239-334	3600	
GMS 150- 28SM		5X3	101-156	2900	239
			108-167	3000	
GMS 150- 35SM		5x3	125-224	2900	318
			133-240	3000	
GMS 200- 25SH	200 GPM	6x4	114-207	3500	300
			121-219	3600	
GMS 200- 40SM		6x4	206-289	2900	385
			220-309	3000	
GMS 200- SN 3 1SH		6x4	226-317	3500	405
			239-335	3600	
GMS 200- 28SM		5X3	101-156	2900	239
			108-167	3000	
GMS 200- 35SM		5X3	124-224	2900	318
			133-240	3000	
GMS 250- 25SH	250 GPM	6x4	114-207	3500	300
			121-219	3600	
GMS 250- 40SM		6x4	206-288	2900	385
			220 - 308	3000	
GMS 250- SN 3 1SH		6x4	226 - 317	3500	405
			239 - 335	3600	
GMS 250- 28SM		5x3	191-198	2900	239
			108 -167	3000	
GMS 250- 35SM		5X3	123.223	2900	318
			132-239	3000	
GMS 300- 35SM	300 GPM	5X3	122-222	2900	319
			131-237	3000	
GMS 300- 25SH		6x4	114-206	3500	300
			121-219	3600	
GMS 300- 40SM		6x4	206-286	2900	385
			220-307	3000	
GMS 300- SN 3 1SH		6x4	226-316	3500	405
			239 - 334	3600	
GMS 300- 28SM		5X3	100 - 156	2900	239
			107-167	3000	
GMS 400- 35SM	400 GPM	5X3	120-219	2900	319
			129-234	3000	
GMS 400- 28SM		5X3	98-155	2900	239
			105166	3000	
GMS 400- 25SH		6x4	114-206	3500	300
			120-218	3600	
GMS 400- 40SM		6x4	206-285	2900	385
			221-305	3000	
GMS 400- SN 3 1SH		6x4	225-314	3500	405
			238-332	3600	
GMS 450- 37SM - 2G	450 GPM	6x4	220-293	2900	410
			236-315	3000	
GMS 450- 28SM		5X3	96155	2900	239
			104-166	3000	
GMS 450- 25SH		6x4	113206	3500	300
			120-218	3600	
GMS 450- 40SM		6x4	205-284	2900	385
			220-304	3000	
GMS 450- SN 3 1SH		6x4	224 - 313	3500	405
			237 - 331	3600	

Model Dsg.	Rated Capacity (GPM)	Size (in.)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)	Max Working Pressure (PSI)
GMS 500- 37SM - 2G	500 GPM	6x4	216-296	2900	410
			233-314	3000	
GMS 500- 37SM		5x3	134 - 233	2900	
		6x4	137 - 203	2900	290
GMS 500- 28SM		5X3	94-154	2900	
			102-165	3000	239
GMS 500- 25SH		6x4	113205	3500	
			120-217	3600	300
GMS 500- 32SM		6x4	119-198	2900	
			128212	3000	290
GMS 500- 40SM		6x4	204-284	2900	
			219-304	3000	385
GMS 500- SN 3 1SH		6x4	224 - 312	3500	
			237 - 330	3600	405
GMS 750- 37SM - 2G	750 GPM	6x4	202-276	2900	
			218-298	3000	410
GMS 750- 3 1SM		6X4	131-201	2900	
			106-199	3500	220
GMS 750- 25SH		6x4	113211	3600	
			111-194	2900	300
GMS 750- 32SM		6x4	120208	3000	
			148182	2900	290
GMS 750- 29SM		8x5	159-196	3000	
			199 - 281	2900	268
GMS 75040SM		6x4	214 - 301	3000	
			218 - 309	3500	385
GMS 750- SN 3 1SH		6x4	231- 327	3600	
			148 - 266	3500	405
GMS 750- 12SH		8x5	157 - 281	3600	
			190-290	3500	362
GMS 750- EL3 1SH		6x4	201-306	3600	
GMS 1000- 36SM - 2G	1000 GPM	8x5	180-290	2900	377
			194-310	3000	
GMS 1000- 3 18M		654	134-195	2900	405
			143181	3000	
GMS 1000- 29SM		8x5	154194	2900	220
			96172	3000	
GMS 1000- 30SM		8x5	106185	3000	268
			191-272	2900	
GMS 1000- 40SM		6x4	206-292	3000	275
			146 - 264	3500	
GMS 1000- 12SH		8x5	155 - 280	3600	385
			152-205	3500	
GMS 1000- 15SH		8x5	160-217	3600	362
			163-278	2900	
GMS 1000- 36SM		8x5	175-298	3000	300
			187-289	3500	
GMS 1000- EL3 1SH		6x4	199-306	3600	375
GMS 1250- 36SM - 2G	1250 GPM	8x5	171-281	2900	
			184-302	3000	405
GMS 1250- 29SM - 2G		8x6	95-156	2900	
			102-167	3000	250
GMS 1250- 29SM		8X5	137-177	2900	
			148191	3000	268
GMS 125030SM		8X5	94170	2900	
			101-182	3000	275
GMS 1250- 12SH		8X5	207-264	3500	
			219-279	3600	362
GMS 1250- 15SH		8x6	150-205	3500	
			159-217	3600	300
GMS 1250- 36SM		8X5	155-278	2900	
			168-298	3000	375
GMS 1250- EL3 1SH		6x4	178 - 287	3500	
			190 - 304	3600	377
GMS 1500- 29SM - 2G	1500 GPM	8x6	100-155	2900	
			105-167	3000	250
GMS 1500- 6 1SL5- 2G		12x10	99-164	1480	
			101-168	1500	260
GMS 1500- 6 1SL6- 2G		12x10	142-168	1760	
			149-176	1800	260
GMS 1500- 30SM		8X5	88-167	2900	
			95.179	3000	239
GMS 1500- 15SH		8x6	149 - 207	3500	
			158 - 218	3600	300
GMS 1500- 36SM		8x5	153 - 275	2900	
			164-295	3000	375
GMS 2000- 15SH	2000 GPM	8x6	145-203	3500	
			154 - 215	3600	300
GMS 2000- 29SM - 2G		8x6	95-152	2900	
			103-163	3000	250
GMS 2000- 6 1SL5- 2G		12x10	94-162	1480	
			97-166	1500	260
GMS 2000- 6 1SL6- 2G		12x10	136-165	1760	
			142-173	1800	260
GMS 2500- 29SM - 2G	2500	8x6	89-145	2900	
			95-156	3000	250
GMS 2500- 6 1SL5- 2G		12x10	89-158	1480	
			92-162	1500	260
GMS 2500- 6 1SL6- 2G		12x10	132-163	1760	
			139-170	1800	260
GMS 3000- 6 1SL5- 2G	3000	12x10	104-153	1480	
			108-157	1500	260
GMS 3000- 6 1SL6- 2G		12x10	125-156	1760	
			131-164	1800	260
GMS 3500- 6 1SL5- 2G	3500	12x10	103-144	1485	
			106-148	1500	260
GMS 3500- 6 1SL6- 2G	3500	12x10	119-148	1760	
			125-156	1800	