



CENTRIFUGAL FIRE PUMP SYSTEM

END SUCTION - SPLIT CASE - VERTICAL TURBINE



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ABOUT US

Lichfield Fire & Safety Equipment Co. Ltd. (LIFECO), LIFECO has been a global leader in supplying products covering the full range for fire detection, prevention, extinguishing and suppression system. LIFECO, with its world headquarters is located in United Kingdom and is well poised to serve a variety of International markets in addition to fulfilling the local market demand.

LIFECO serves Civil Defence, Industrial, Commercial and Consumer markets with its wide range of quality and innovative products. LIFECO is represented globally with its well knit National and International infrastructure dealer network. The Company's strengths are underpinned by a highly skilled workforce, and a diverse range of quality products and services that aims to provide a 'one stop shop' to satisfy all of our Customers Fire and Life Safety requirements.

Lichfield Fire & Safety Equipment Co. Ltd. (LIFECO) has remained at the forefront of the Fire Fighting Equipment market by constantly striving to provide innovative solutions and services that surpass Customers' expectations and by tirelessly seeking to improve quality standards.

To this end, the company maintains a quality management system ISO 9001:2015, accredited by BSI (British Standards).

In addition LIFECO products, where applicable, hold accreditations issued by major inspection organisations such as Loss Prevention Certification Board (LPCB), Kitemark, FM Approvals and Underwriters Laboratories (UL). It has been a global leader in supplying products covering the full range for fire detection, prevention, extinguishing and suppression system. Our diverse range of products continues to be refined and evolved to meet its customer needs. LIFECO is centrally located within the United Kingdom, but due to the exceptionally high demand for its products and services in the MENA region, LIFECO expanded and establish its sales and distribution office in Dubai for providing its customers with the increased sales support, and a faster delivery schedule.

END SUCTION FIRE PUMP 50/60 HZ



CAPACITY : 50 GPM TO 750 GPM
PRESSURES : 68 TO 216 PSI
MAX WORKING PRESSURE : 225 TO 250 PSI
SPEED : 2900,3000, AND 3500 RPM

UL LISTED

Compliant to NFPA 20 Design & Installation Requirements.

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



- Top Centerline Discharge
- Foot Supported Casing
- Back Pullout Design
- Self-venting Design
- Efficiently Designed Shaft
- Frame-Mounted Design
- Small Footprint Ideal for Retrofit
- Dynamically Balanced Impeller
- Heavy Duty with Heavy Wall Thickness
- 100% Hydrostatic & Performance Tested
- Back Pump Out Vanes

Model Dsg.	Rated Capacity (GPM)	Size (in.)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)	Max Working Pressure (PSI)	
GME - 50- 20 EM - 2G	50	2.5X2	74-93	2900	180	
GME - 50- 20 EM - 2G		2.5X2	79-99	3000	180	
GME 50- 20 EM		2 x 1-1/4	68-87	2900		
GME 50- 20 EH		2 x 1-1/4	101-129	3500	230	
GME 50- 26 EM		2 x 1-1/4	115-140	2900	230	
GME 50- 26 EH		2 x 1-1/4	163-206	3500	230	
GME 50- 20 EH A		2-1/2 x 2	106-129	3500	230	
GME 50- 20 EH B		3 x 2-1/2	108-121	3500	230	
GME 50- 26 EM A		2-1/2 x 1-1/2	114-136	2900	230	
GME 50- 42 EH		2-1/2 x 1-1/2	122-146	3000	230	
GME 50- 40 EH		2-1/2 x 1-1/2	166-198	3500	230	
GME - 100- 20 EM - 2G		100	2.5X2	72-92	2900	180
GME - 100- 20 EM - 2G	2.5X2		77-98	3000	180	
GME 100- 20 EH	2 x 1-1/4		119	3500	230	
GME 100- 26 EH	2 x 1-1/4		159-195	3500	230	
GME 100- 50 EH	2-1/2 x 2		104-128	3500	230	
GME 100- 26 EM	2-1/2 x 1-1/2		109-134	2900	230	
GME 100- 42 EH	2-1/2 x 1-1/2		116-143	3000	230	
GME 100- 40 EH	2-1/2 x 1-1/2		162-198	3500	230	
GME 100- 20 EH B	3 x 2-1/2		108-24	3500	230	
GME - 150- 32 EM - 2G	150		3X2	95-142	2900	239
GME - 150- 32 EM - 2G			3X2	102-153	3000	239
GME - 150- 20 EM - 2G			2.5X2	71-90	2900	180
GME - 150- 20 EM - 2G		2.5X2	76-97	3000	180	
GME - 150- 65 EM - 2G		3X2.5	80-93	2900	180	
GME - 150- 65 EM - 2G		3X2.5	86-99	3000	180	
GME 150- 20 EH		3 x 2-1/2	108-128	3500	230	
GME 150- 26 EM		2-1/2 x 1-1/2	124	2900	230	
GME 150- 42 EH		2-1/2 x 1-1/2	107-135	3000	230	
GME 150- 26 EH		2-1/2 x 1-1/2	156-191	3500	230	
GME 150- 20 EH A		2-1/2 x 2	102-126	3500	230	
GME - 200- 32 EM - 2G		200	3X2	89-139	2900	239
GME - 200- 32 EM - 2G	3X2		96-149	3000	239	
GME - 200- 65 EM - 2G	3X2.5		79-91	2900	180	
GME - 200- 65 EM - 2G	3X2.5		85-98	3000	180	
GME 200- 20 EH	50		96-120	3500	230	
GME 200- 20 EH A	2-1/2 x 2		96-120	3500	230	
GME 200- 65 EM	65		115-136	2900	230	
GME - 250- 32 EM - 2G	250		3X2	82-132	2900	239
GME - 250- 32 EM - 2G			3X2	89-143	3000	239
GME - 250- 42 EM - 2G			4X2.5	87-146	2900	239
GME - 250- 42 EM - 2G			4X2.5	94-156	3000	239
GME - 250- 65 EM - 2G			3X2.5	77-90	2900	180
GME - 250- 65 EM - 2G		3X2.5	83-97	3000	180	
GME 250- 26 EM		3 x 2-1/2	113-134	2900	230	
GME 250- 20 EH		3 x 2-1/2	103-124	3500	230	

Model Dsg.	Rated Capacity (GPM)	Size (in.)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)	Max Working Pressure (PSI)	
GME - 300- 42 EM - 2G	300	4X2.5	85-143	2900	239	
GME - 300- 42 EM - 2G		4X2.5	91-154	3000	239	
GME - 300- 65 EM - 2G		3X2.5	75-90	2900	180	
GME - 300- 65 EM - 2G		3X2.5	81-96	3000	180	
GME 300- 26 EM		3 x 2-1/2	110-132	2900	230	
GME 300- 20 EH		3 x 2-1/2	101-123	3500	230	
GME - 400- 31 EM - 2G	400	5X3	134-218	2900	315	
GME - 400- 31 EM - 2G		5X3	143-234	3000	315	
GME - 400- 25 EM - 2G		5X3	86-139	2900	235	
GME - 400- 25 EM - 2G		5X3	93-149	3000	235	
GME - 400- 54 EM - 2G		5X4	137-215	2900	315	
GME - 400- 54 EM - 2G		5X4	147-230	3000	315	
GME - 400- 42 EM - 2G		4X2.5	79-141	2900	239	
GME - 400- 42 EM - 2G		4X2.5	86-151	3000	239	
GME 400- 26 EM		4 x 3	110-133	2900	230	
GME 400- 26 EH		4 x 3	191	3500	240	
GME 400- 32 EM		4 x 3	158-200	2900	250	
GME 400- 80 EH		4 x 3	105 -193	3500	235	
GME - 450- 31 EM - 2G		450	5X3	131-217	2900	315
GME - 450- 31 EM - 2G			5X3	141-232	3000	315
GME - 450- 25 EM - 2G	5X3		85-138	2900	235	
GME - 450- 25 EM - 2G	5X3		91-148	3000	235	
GME - 450- 54 EM - 2G	5X4		136-214	2900	315	
GME - 450- 54 EM - 2G	5X4		146-229	3000	315	
GME - 450- 42 EM - 2G	4X2.5		78-137	2900	239	
GME - 450- 42 EM - 2G	4X2.5		84-148	3000	239	
GME 450- 26 EM	4 x 3		109-132	2900	230	
GME 450- 26 EH	4 x 3		188	3500	240	
GME 450- 32 EM	4 x 3		154-198	2900	250	
GME 450- 80 EH	4 x 3		102 -190	3500	235	
GME - 500- 31 EM - 2G	500		5X3	129-217	2900	315
GME - 500- 31 EM - 2G			5X3	139-232	3000	315
GME - 500- 25 EM - 2G		5X3	83-136	2900	235	
GME - 500- 25 EM - 2G		5X3	90-146	3000	235	
GME - 500- 54 EM - 2G		5X4	136-214	2900	315	
GME - 500- 54 EM - 2G		5X4	146-229	3000	315	
GME - 500- 42 EM - 2G		4X2.5	143	3000	239	
GME - 500- 20 EM - 2G		6X5	68-84	2900	175	
GME - 500- 20 EM - 2G		6X5	73-90	3000	175	
GME - 500- 20 EH - 2G		6X5	100-121	3500	210	
GME - 500- 20 EH - 2G		6X5	105-128	3600	210	
GME - 500- 26 EM - 2G		6X5	118-136	2900	230	
GME - 500- 26 EM - 2G		6X5	126-146	3000	230	
GME - 500- 26 EH - 2G		6X5	168-199	3500	290	
GME - 500- 26 EH - 2G		6X5	178-210	3600	290	
GME 500- 26 EM		4 x 3	108-131	2900	230	
GME 500- 26 EH		4 x 3	185	3500	240	
GME 500- 32 EM		4 x 3	149-194	2900	250	
GME 500- 80 EH		4 x 3	99 - 188	3500	235	
GME 500- 12 EM		5 x 4	111 - 133	2900	225	
GME 500- 13 EM	5 x 4	122 - 210	2900	245		
GME 750- 26 EM	750	5 x 4	102 - 127	2900	225	
GME 750- 32 EM		5 x 4	122 - 207	2900	245	
GME - 750- 54 EM - 2G		5X4	131-208	2900	315	
GME - 750- 54 EM - 2G		5X4	141-223	3000	315	
GME - 750- 20 EM - 2G		6X5	65-81	2900	175	
GME - 750- 20 EM - 2G		6X5	70-87	3000	175	
GME - 750- 20 EH - 2G		6X5	97-120	3500	210	
GME - 750- 20 EH - 2G		6X5	103-127	3600	210	
GME - 750- 26 EM - 2G		6X5	116-135	2900	230	
GME - 750- 26 EM - 2G		6X5	125-145	3000	230	
GME - 750- 26 EH - 2G		6X5	167-198	3500	290	
GME - 750- 26 EH - 2G		6X5	177-210	3600	290	
GME - 1000- 54 EM - 2G		1 000	5X4	122-200	2900	315
GME - 1000- 54 EM - 2G			5X4	132-215	3000	239
GME - 1000- 20 EM - 2G	6X5		60-78	2900	175	
GME - 1000- 20 EM - 2G	6X5		65-84	3000	175	
GME - 1000- 20 EH - 2G	6X5		92-116	3500	210	
GME - 1000- 20 EH - 2G	6X5		98-123	3600	210	
GME - 1000- 26 EM - 2G	6X5		113-133	2900	230	
GME - 1000- 26 EM - 2G	6X5		121-143	3000	230	
GME - 1000- 26 EH - 2G	6X5		164-196	3500	290	
GME - 1000- 26 EH - 2G	6X5		174-208	3600	290	

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."

SPLIT CASE FIRE PUMP 50/60 HZ



UL LISTED

Compliant to NFPA 20 Design & Installation Requirements.

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

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



- 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

CAPACITY : 150 GPM to 2000 GPM
 PRESSURES : 88 TO 335 PSI
 MAX WORKING PRESSURE : 220 TO 405 PSI
 SPEED : 2900, 3000, 3500 AND 3600 RPM

Available in ELECTRIC MOTOR and DIESEL ENGINE Driven Configuration

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."

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	290
		6x4	137 - 203	2900	
GMS 500- 28SM		5X3	94-154	2900	239
			102-165	3000	
GMS 500- 25SH		6x4	113205	3500	300
			120-217	3600	
GMS 500- 32SM		6x4	119-198	2900	290
			128212	3000	
GMS 500- 40SM	6x4	204-284	2900	385	
		219-304	3000		
GMS 500- SN 3 1SH	6x4	224 - 312	3500	405	
		237 - 330	3600		
GMS 750- 37SM - 2G	750 GPM	6x4	202-276	2900	410
			218-298	3000	
GMS 750- 3 1SM		6X4	131-201	2900	220
			106-199	3500	
GMS 750- 25SH		6x4	113211	3600	300
			111-194	2900	
GMS 750- 32SM		6x4	120208	3000	290
			148182	2900	
GMS 750- 29SM		8x5	159-196	3000	268
			199 - 281	2900	
GMS 75040SM	6x4	214 - 301	3000	385	
		218 - 309	3500		
GMS 750- SN 3 1SH	6x4	231 - 327	3600	405	
		148 - 266	3500		
GMS 750- 12SH	8x5	157 - 281	3600	362	
		190-290	3500		
GMS 750- EL3 1SH	6x4	201-306	3600	377	
		180-290	2900		
GMS 1000- 36SM - 2G	1 000 GPM	8x5	194-310	3000	405
			134-195	2900	
GMS 1000- 3 18M		654	143181	2900	220
			154194	3000	
GMS 1000- 29SM		8x5	96172	2900	268
			106185	3000	
GMS 1000- 30SM		8x5	191-272	2900	275
			206-292	3000	
GMS 1000- 40SM		6x4	146 - 264	3500	385
			155 - 280	3600	
GMS 1000- 12SH	8x5	152-205	3500	362	
		160-217	3600		
GMS 1000- 15SH	8x5	163-278	2900	300	
		175-298	3000		
GMS 1000- 36SM	8x5	187-289	3500	375	
		199-306	3600		
GMS 1000- EL3 1SH	6x4	171-281	2900	377	
		184-302	3000		
GMS 1250- 36SM - 2G	1 250 GPM	8x5	95-156	2900	405
			102-167	3000	
GMS 1250- 29SM - 2G		8x6	137-177	2900	250
			148191	3000	
GMS 1250- 29SM		8X5	94170	2900	268
			101-182	3000	
GMS 125030SM		8X5	207-264	3500	275
			219-279	3600	
GMS 1250- 12SH		8X5	150-205	3500	362
			159-217	3600	
GMS 1250- 15SH	8x6	155-278	2900	300	
		168-298	3000		
GMS 1250- 36SM	8X5	178 - 287	3500	375	
		190 - 304	3600		
GMS 1250- EL3 1SH	6x4	100-155	2900	377	
		105-167	3000		
GMS 1500- 29SM - 2G	1 500 GPM	8x6	99-164	1480	250
			101-168	1500	
GMS 1500- 6 1SL5- 2G		12x10	142-168	1760	260
			149-176	1800	
GMS 1500- 6 1SL6- 2G		12x10	88-167	2900	260
			95-179	3000	
GMS 1500- 30SM		8X5	149 - 207	3500	239
			158 - 218	3600	
GMS 1500- 15SH		8x6	153 - 275	2900	300
			164-295	3000	
GMS 1500- 36SM	8x5	145-203	3500	375	
		154 - 215	3600		
GMS 2000- 15SH	2000 GPM	8x6	95-152	2900	300
			103-163	3000	
GMS 2000- 29SM - 2G		8x6	94-162	1480	250
			97-166	1500	
GMS 2000- 6 1SL5- 2G		12x10	136-165	1760	260
			142-173	1800	
GMS 2000- 6 1SL6- 2G		12x10	89-145	2900	260
			95-156	3000	
GMS 2500- 29SM - 2G		8x6	89-158	1480	250
			92-162	1500	
GMS 2500- 6 1SL5- 2G	12x10	132-163	1760	260	
		139-170	1800		
GMS 2500- 6 1SL6- 2G	12x10	104-153	1480	260	
		108-157	1500		
GMS 3000- 6 1SL5- 2G	3000	12x10	125-156	1760	260
			131-164	1800	
GMS 3000- 6 1SL6- 2G		12x10	103-144	1485	260
		106-148	1500		
GMS 3500- 6 1SL5- 2G	3500	12x10	119-148	1760	260
			125-156	1800	
GMS 3500- 6 1SL6- 2G		12x10			

VERTICAL TURBINE FIRE PUMP 50/60 HZ



UL LISTED

Compliant to NFPA 20 Design & Installation Requirements.



- Dynamically Balanced Impeller
- Constructed in variety of metallurgies
- Available in 50 Hz and 60 Hz
- Drivers with gear boxes at electrical and diesel speed
- Designed for easy maintenance
- Open line shaft
- Packaged systems available
- Self-Venting Design eliminates vapor lock
- Efficiently Designed Shaft
- Heavy wall thickness
- Sealing arrangement is packing design
- Modular Construction
- Space-saver design

Note:

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. Vertical Multistage Turbine Pump.
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."

VERTICAL TURBINE FIRE PUMP 50/60 HZ



FLOW CAPACITY
200 GPM - 2000 GPM

PRESSURE RANGE
40 - 355 PSI

MAX WORKING PRESSURE
290 PSI - 395 PSI

SPEED
1480,1760, 2900,
2980, 3000 RPM

Model Dsg	Rated Capacity (GPM)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)
GMV - 200- 70VT	200	40-289	1480
GMV - 200- 70VT		48-348	1760
GMV - 200- 30VT		60-305	2900
GMV - 200- 30VT		63-323	2980
GMV - 200- 30VT		64-327	3000
GMV - 750- 70- VT		40 - 248	1480
GMV - 250- 70VT	250	40-290	1480
GMV - 250- 70VT		48-345	1760
GMV - 250- 30VT		60-299	2900
GMV - 250- 30VT		63-317	2980
GMV - 250- 30VT		64-321	3000
GMV - 750- 70- VT		40 - 248	1480
GMV - 750- 70- VT	48 - 351	1760	
GMV - 300- 70VT	300	40-290	1480
GMV - 300- 70VT		47-341	1760
GMV - 300- 30VT		58-295	2900
GMV - 300- 30VT		61-312	2980
GMV - 300- 30VT		62-316	3000
GMV - 750- 70- VT		40 - 247	1480
GMV - 750- 70- VT	48 - 351	1760	
GMV - 400- 70VT	400	40-283	1480
GMV - 400- 70VT		46-336	1760
GMV - 400- 30VT		54-285	2900
GMV - 400- 30VT		57-302	2980
GMV - 400- 30VT		58-306	3000
GMV - 750- 70- VT		40 - 244	1480
GMV - 750- 70- VT	46 - 349	1760	
GMV - 450- 70VT	450	40-279	1480
GMV - 450- 70VT		45-333	1760
GMV - 450- 30VT		52-279	2900
GMV - 450- 30VT		56-296	2980
GMV - 450- 30VT		56-300	3000
GMV - 750- 70- VT		40 - 241	1480
GMV - 750- 70- VT	44 - 347	1760	
GMV - 500- 70VT	500	40-276	1480
GMV - 500- 70VT		44-331	1760
GMV - 500- 30VT		49-273	2900
GMV - 500- 30VT		53-290	2980
GMV - 500- 30VT		54-294	3000
GMV - 750- 70- VT		40 - 236	1480
GMV - 750- 70- VT	44 - 343	1760	
GMV - 750- 70- VT	750	40 - 320	1760
GMV - 1500- 80- VT		42 - 254	1480
GMV - 750- 70VT		40-253	1480
GMV - 750- 70VT		40-309	1760
GMV - 750- 80VT		43-306	1480
GMV - 750- 80VT		62-359	1760
GMV - 750- 30VT	72-79	2900	
GMV - 750- 30VT	108-119	2900	
GMV - 750- 30VT	144-159	2900	
GMV - 750- 30VT	180-198	2900	
GMV - 750- 30VT	216-238	2900	
GMV - 750- 30VT	150-166	2950	
GMV - 750- 30VT	187-207	2950	
GMV - 750- 30VT	225-249	2950	
GMV - 750- 30VT	83-87	3000	
GMV - 750- 30VT	117-130	3000	

GMV - 1000- 70VT	1 000	56	1480
GMV - 1000- 70VT		73	1480
GMV - 1000- 70VT		88	1480
GMV - 1000- 70VT		112	1480
GMV - 1000- 70VT		131	1480
GMV - 1000- 70VT		145	1480
GMV - 1000- 70VT		160	1480
GMV - 1000- 70VT		187	1480
GMV - 1000- 70VT		203	1480
GMV - 1000- 70VT		218	1480
GMV - 1000- 70VT		102	1450
GMV - 1000- 70VT		117	1450
GMV - 1000- 70VT		174	1450
GMV - 1000- 70VT		189	1450
GMV - 1000- 70VT		57	1760
GMV - 1000- 70VT		80	1760
GMV - 1000- 70VT		106	1760
GMV - 1000- 70VT		133	1760
GMV - 1000- 70VT		160	1760
GMV - 1000- 70VT		189	1760
GMV - 1000- 70VT	218	1760	
GMV - 1000- 70VT	247	1760	
GMV - 1000- 70VT	276	1760	
GMV - 1000- 70VT	58	1780	
GMV - 1000- 70VT	87	1780	
GMV - 1000- 70VT	116	1780	
GMV - 1000- 70VT	145	1780	
GMV - 1000- 70VT	175	1780	
GMV - 1000- 70VT	204	1780	
GMV - 1000- 70VT	233	1780	
GMV - 1000- 70VT	262	1780	
GMV - 1000- 70VT	291	1780	
GMV - 1000- 80VT	40-287	1480	
GMV - 1000- 80VT	59-343	1760	
GMV - 1000- 90VT	57-328	1480	
GMV - 1000- 90VT	85-337	1760	
GMV - 1500- 80- VT	40 - 244	1480	
GMV - 1500- 80- VT	58 - 355	1760	
GMV - 2000- 90- VT	58 - 239	1480	
GMV - 1250- 80VT	40-273	1480	
GMV - 1250- 80VT	54-330	1760	
GMV - 1250- 90VT	55-317	1480	
GMV - 1250- 90VT	80-329	1760	
GMV - 1500- 80- VT	40 - 225	1480	
GMV - 1500- 80- VT	54 - 341	1760	
GMV - 2000- 90- VT	56 - 230	1480	
GMV - 2000- 90- VT	80 - 335	1760	
GMV - 1500- 80VT	84-254	1480	
GMV - 1500- 80VT	60-76	1480	
GMV - 1500- 80VT	49-312	1760	
GMV - 1500- 90VT	52-309	1480	
GMV - 1500- 90VT	78-314	1760	
GMV - 1500- 80- VT	58 - 317	1760	
GMV - 2000- 90- VT	52 - 225	1480	
GMV - 2000- 90- VT	78 - 325	1760	
GMV - 2000- 90- VT	72 - 312	1760	
GMV - 2000- 90VT	71-82	1480	
GMV - 2000- 90VT	100-123	1480	
GMV - 2000- 90VT	133-165	1480	
GMV - 2000- 90VT	167-288	1480	
GMV - 2000- 90VT	96-118	1450	
GMV - 2000- 90VT	128-157	1450	
GMV - 2000- 90VT	72-302	1760	

FIRE PUMP SYSTEM COMPONENT



DIESEL TANKS

All LIFEKO Steel Above ground Tanks for flammable and combustible Liquid are assembled and tested to all requirements as follows

- * ANSI/UL-142 - Compliant.
- * Installation standard compliance to NFPA 30, NFPA 30A and NFPA 31



NOTE : UL LISTED TANKS ARE AVAILABLE UP ON CLIENT REQUEST.

PRIMARY CONTAINMENT TANKS

1. Horizontal Cylindrical Construction (Capacity Up to 75000 Gallon)
2. Vertical Cylindrical Construction (Capacity Up to 60000 Gallon)
3. Rectangular Construction (Capacity Up to 550 Gallon)

SECONDARY CONTAINMENT TANKS

1. Horizontal Cylindrical Construction (Capacity Up to 75000 Gallon)
2. Vertical Cylindrical Construction (Capacity Up to 60000 Gallon)

FIRE PUMP CONTROLLERS

- ELECTRIC PUMP CONTROL
- JOCKEY PUMP CONTROL
- DIESEL PUMP CONTROL
- ALARM PANEL



All Fire Pump Controllers are factory assembled, wired, tested as a unit and comply to all requirements of the latest edition of NFPA-20 (Centrifugal Fire Pumps) and NFPA-70 (National Electrical Code). Controllers are listed by Underwriters Laboratories, Inc., in accordance with UL218, Standard for Fire Pump Controllers, CSA, and Standard for Industrial Control Equipment (CUL) and approved by Factory Mutual (FM). All controllers are Y2K compliant.

This component plays a vital role in fire pumps as it controls the entire system. It is selected as per customer choice if any, otherwise it can be either TORNATECH, FIRETROL, HUBBLE LEXINGTON OR JOSLYN CLARKE.



JOCKEY PUMP

Jockey pumps are small, motor driven pumps used in conjunction with main fire pumps to compensate for minor leaks in the fire protection system and automatically maintain stand-by pressure.

This reduces wear on the main pump and controller caused by unnecessary, frequent operation. Jockey Pump controllers are available for across the-line starting

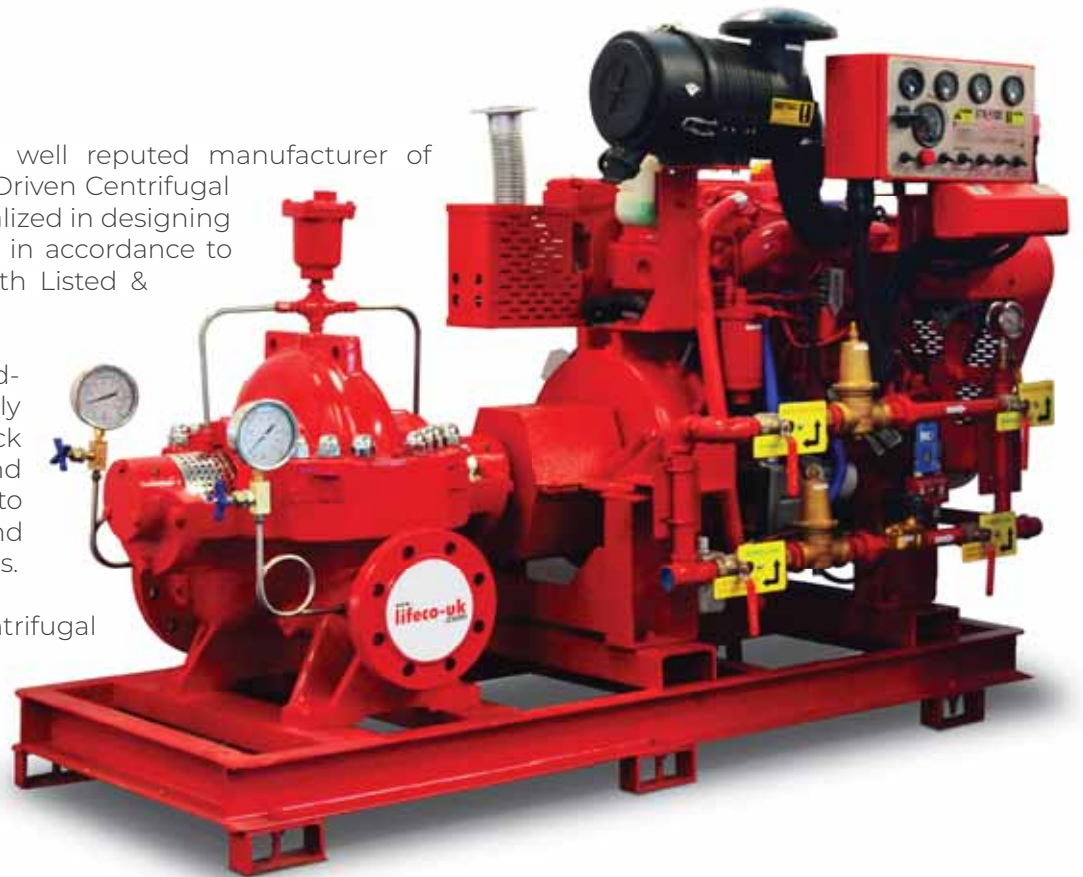
FIRE PUMP DIESEL DRIVEN SKID



LIFECO is an established well reputed manufacturer of Premium Custom Engine Driven Centrifugal Fire Pump Skids. We specialized in designing and developing packages in accordance to NFPA 20 requirements with Listed & Approved Drivers.

LIFECO maintains its standard with using it's proudly own listed & approved Black Stallion Diesel Engines and Centrifugal Fire Pumps to package Heavy Duty and High Quality Compact Skids.

LIFECO offers listed Centrifugal Fire Pump Skids that meet every fire protection need.



LIFECO maintains its standard with using it's proudly own listed & approved WEG High Efficiency Fire Pump Motors and Centrifugal Fire Pumps to package Heavy Duty and High Quality Compact Skids.

Our Listed and Approved Fire Pumps can also be coupled with any other Listed Diesel Engine of any specific brand as per customers requirement.

- **Driven by Listed & Approved Diesel Engines.**
- **Well aligned and Coupled for Direct Operation.**
- **Skid Packages are Pre-Tested and Inspected thoroughly before release to customers.**
- **One piece base plate with Anchor Bolt holes.**
- **Engineered, coated, hot rolled mild steel to resist corrosion and abrasion.**
- **Heavy Fabricated C-Channel Structure constructed to provide proper alignment of Pump with Diesel Engine or Pump.**
- **Compact skid Design with Small Foot-Print for Retrofit.**
- **High standard of Quality in material Construction finish and Workmanship.**

Our Listed and Approved Fire Pumps can also be coupled with any other Listed Diesel Engine of any specific brand as per customers requirement.

FIRE PUMP ELECTRIC MOTOR SKID



LIFECO is an established well reputed manufacturer of Premium Custom Motor Driven Centrifugal Fire Pump Skids. We specialized in designing and developing packages in accordance to NFPA 20 requirements with Listed & Approved Drivers.

LIFECO offers listed Centrifugal Fire Pump Skids that meet every fire protection need.

- **Driven by Listed & Approved Fire Pump Electric Motors.**
- **Well aligned and Coupled for Direct Operation.**
- **Skid Packages are Pre-Tested and Inspected thoroughly before release to customers.**
- **One piece base plate with Anchor Bolt holes.**
- **Engineered, coated, hot rolled mild steel to resist corrosion and abrasion.**
- **Heavy Fabricated Steel base plate rigidly constructed to provide proper alignment of pump & motor.**
- **Compact skid Design with Small Foot-Print for Retrofit.**
- **High standard of Quality in material Construction finish and Workmanship.**

LIFECO maintains its standard with using its proudly own listed & approved WEG High Efficiency Fire Pump Motors and Centrifugal Fire Pumps to package Heavy Duty and High Quality Compact Skids.



Our Listed and Approved Fire Pumps can also be coupled with any other Listed Diesel Engine of any specific brand as per customers requirement.

FIRE PUMP ORDER FORM TECHNICAL DATA



GENERAL INFORMATION

CLIENT NAME: _____

PROJECT: _____ LOCATION: _____

PURCHASE ORDER NO.: _____ WORK ORDER NO.: _____

CENTRIFUGAL PUMP DETAILS

END SUCTION PUMP HORIZONTAL SPLIT CASE PUMP VERTICAL TURBINE PUMP

FLOW PRESSURE SPEED

PUMP MODEL NO. DUTY POINT CURVE NO.

MOTOR DRIVER DETAILS

MOTOR POWER MOTOR DRIVEN SKID NO.

VOLTAGE

STARTER CONNECTION:

DIRECT ON-LINE (DOL) START DELTA (Y-Δ) OTHERS

MOTOR PROTECTION:

OPD (IP 23) TEFC (IP 55) BRAND

ELECTRIC MOTOR CONTROLLER:

BRAND CONTROLLER MODEL NO.

PROTECTION: NEMA 2 OTHERS

TYPE: GPA GPY GPL OTHERS

OTHER SPECIFIC REQUIREMENT

ENGINE DRIVER DETAILS

ENGINE POWER: STARTER VOLTAGE: 12 VDC
 ENGINE MODEL NO.:

DIESEL DRIVEN SKID NO.:

DIESEL ENGINE CONTROLLER:
 CONTROLLER MODEL NO.:
GPD PROTECTION: NEMA 2 OTHERS:
R.A.G.D. SPEED RATIO:

OTHER SPECIFIC REQUIREMENTS:

JOCKEY PUMP DETAILS

JOCKEY MODEL NO.:
 VOLTAGE:
 PRESSURE: SPEED:

JOCKEY PUMP CONTROLLER:
 CONTROLLER MODEL NO.:
JP3 PROTECTION: NEMA 2 OTHERS:

OTHER SPECIFIC REQUIREMENTS:

ACCESSORIES

STANDARD ACCESSORIES:
Included in all LIFECO UL Listed Fire Pump Systems

- Discharge and Suction Gauges
- Air Release Valve (Split Case Pump Only)
- Casing Relief Valve
- Battery
- Battery Cable and Clamps Flexible Fuel Hoses
- Diesel Tank and Accessories
 - Ball Valve
 - Fuel Level Gauge
 - LIFECO Tank Breather

OPTIONAL ACCESSORIES:

- Flow Meter
 - Flexible Connector
 - Main Relief Valve
 - Eccentric Reducer
 - Waste Cone
 - Concentric Reducer
 - Check Valve
 - Hose Valves with Cap & Chain
 - Discharge TEE
 - Ball Drip Valve
- ISOLATING VALVE
- OS&Y Gate Valve
 - Butterfly Valve

FIRE PUMP ORDER FORM TECHNICAL DATA



GENERAL INFORMATION

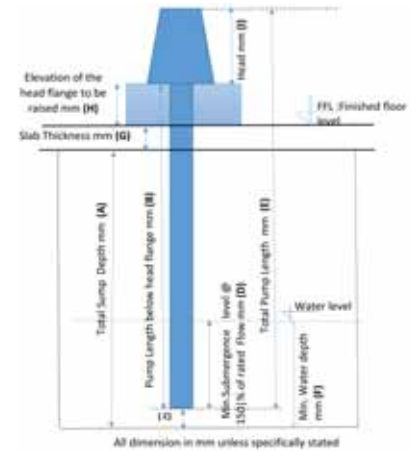
CLIENT NAME: _____

PROJECT: _____ LOCATION: _____

PURCHASE ORDER NO.: _____ WORK ORDER NO.: _____

CENTRIFUGAL PUMP DETAILS

MODEL NO.:	<input type="text"/>	GPM	A =	<input type="text"/>	MM
CURVE NO.:	<input type="text"/>		B =	<input type="text"/>	MM
FLOW:	<input type="text"/>	GPM	C =	<input type="text"/>	MM
PRESSURE:	<input type="text"/>	BAR(PSI)	D =	<input type="text"/>	MM
SPEED:	<input type="text"/>	RPM	E =	<input type="text"/>	MM
STAGES:	<input type="text"/>	BAR(PSI)	F =	<input type="text"/>	MM
			G =	<input type="text"/>	MM
			H =	<input type="text"/>	MM
			I =	<input type="text"/>	MM



ELECTRICAL SKID DETAILS

ELECTRICAL SKID NO.: TYPE: HORIZONTAL MOTOR VERTICAL MOTOR BRAND:

MOTOR DETAILS: POWER HP SPEED RPM FREQUENCY
 VOLTAGE V PHASE SERVICE FACTOR

MOTOR PROTECTION: ODP (IP23) WP-1 TEFC(IP55) OTHERS

MOTOR EFFICIENCY: IE1 IE2 IE3 OTHERS

STARTER CONNECTION: DIRECT ON LINE(DOL) STAR-DELTA OTHERS

GEAR DRIVE DETAIL FOR HORIZONTAL MOTOR

▪ GEAR DRIVE MAKE :	AMARILLO
▪ GEAR DRIVE MODEL NO.:	<input type="text"/>
▪ GEAR DRIVE SHAFT MODEL NO.:	<input type="text"/>
▪ GEAR DRIVE SHAFT BX SIZE(MM):	<input type="text"/>
▪ GEAR DRIVE NOMINAL RATIO :	<input type="text"/>
▪ GEAR DRIVE ACTUAL RATIO :	<input type="text"/>
▪ GEAR DRIVE INPUT SPEED (RPM):	<input type="text"/>
▪ GEAR DRIVE OUTPUT SPEED	<input type="text"/>
▪ GEAR DRIVE COUPLING SIZE(MMXMM) :	<input type="text"/>
▪ GD CARDAN SHAFT MODEL NO.:	<input type="text"/>

VERTICAL MOTOR DETAIL

▪ MOTOR TYPE :	HOLLOW SHAFT
▪ MOTOR MAKE :	<input type="text"/>
▪ MOTOR MODEL NO.:	<input type="text"/>
▪ MOTOR SHAFT MODEL NO.:	<input type="text"/>
▪ MOTOR SHAFT BX SIZE(MM):	<input type="text"/>
▪ MOTOR OUTPUT SPEED (RPM) :	<input type="text"/>
▪ MOTOR COUPLING SIZE (MMXMM) :	<input type="text"/>
▪ RATCHET TYPE :	NON-REVERSE
▪ DIRECTION OF ROTATION(TOP VIEW) :	COUNTER CLOCK WISE
▪ INSULATION CLASS :	F

ELECTRICAL MOTOR CONTROLLER: BRAND CONTROLLER MODEL NUMBER

PROTECTION: OTHERS TYPE: GPA GPY GPL OTHERS

OTHER SPECIFIC REQUIREMENT

NOTE: THE PUMP AND PUMP DRIVER SELECTION IS MADE ON THE BASIS OF MAXIMUM HORSEPOWER OF THE PUMP WHERE ACCEPTED BY AHJ, SELECTION CAN BE PROVIDED AT POWER REQUIRED AT 150% OF THE RATED FLOW.

ENGINE DRIVER DETAILS

ENGINE POWER: STARTER VOLTAGE: 12 VDC 24 VDC

BRAND: ENGINE MODEL NO.:

DIESEL DRIVEN SKID NO.:

DIESEL ENGINE CONTROLLER:

BRAND: CONTROLLER MODEL NO.:

TYPE: GPD PROTECTION: NEMA 2 OTHERS:

R.A.G.D SPEED RATIO:

OTHER SPECIFIC REQUIREMENTS:

JOCKEY PUMP DETAILS

BRAND: JOCKEY MODEL NO.:

POWER: VOLTAGE:

FLOW: PRESSURE: SPEED:

JOCKEY PUMP CONTROLLER:

BRAND: CONTROLLER MODEL NO.:

TYPE: JP3 PROTECTION: NEMA 2 OTHERS:

OTHER SPECIFIC REQUIREMENTS:

ACCESSORIES

STANDARD ACCESSORIES:

Included in all LIFECO UL Listed Fire Pump Systems

- Discharge and Suction Gauges
- Air Release Valve (Split Case Pump Only)
- Casing Relief Valve
- Battery
- Battery Cable and Clamps Flexible Fuel Hoses
- Diesel Tank and Accessories
 - Ball Valve
 - Fuel Level Gauge
 - LIFECO Tank Breather

OPTIONAL ACCESSORIES:

- Flow Meter
 - Flexible Connector
 - Main Relief Valve
 - Eccentric Reducer
 - Waste Cone
 - Concentric Reducer
 - Check Valve
 - Hose Valves with Cap & Chain
 - Discharge TEE
 - Ball Drip Valve
- ISOLATING VALVE
- OS&Y Gate Valve
 - Butterfly Valve



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QWZU.EX16166 Centrifugal Fire Pumps, End Suction

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Centrifugal Fire Pumps, End Suction

[See General Information for Centrifugal Fire Pumps, End Suction](#)

LICHFIELD FIRE & SAFETY EQUIPMENTS CO LTD

EX16166

UNIT 8, CALIBRE INDUSTRIAL PARK

LACHES CLOSE FOUR ASHES

WOVERHAMPTON, WV10 7DZ UNITED KINGDOM

Fire pumps, single stage

Rated Capacity GPM	Size In.	Model Dsg	Rated Net Pressure Range psi	Approx Speed RPM	Max Working Pressure psi
50	2 x 1-1/4	GME 50-20 EM	68-87	2900	230
50	2 x 1-1/4	GME 50-20 EH	101-129	3500	230
50	2 x 1-1/4	GME 50-26 EM	115-140	2900	230
50	2 x 1-1/4	GME 50-26 EH	163-206	3500	230
50	2-1/2 x 2	GME 50-20 EHA	106-129	3500	230
50	3 x 2-1/2	GME 50-20 EHB	108-121	3500	230
50	2-1/2 x 1-1/2	GME 50-26 EMA	114-136	2900	230
50	2-1/2 x 1-1/2	GME 50-42 EH	122-146	3000	230
50	2-1/2 x 1-1/2	GME 50-40 EH	166-198	3500	230
100	2 x 1-1/4	GME 100-20 EH	119	3500	230
100	2 x 1-1/4	GME 100-26 EH	159-195	3500	230
100	2-1/2 x 2	GME 100-50 EH	104-128	3500	230
100	2-1/2 x 1-1/2	GME 100-26 EM	109-134	2900	230
100	2-1/2 x 1-1/2	GME 100-42 EH	116-143	3000	230
100	2-1/2 x 1-1/2	GME 100-40 EH	162-198	3500	230
100	3 x 2-1/2	GME 100-20 EHB	108-24	3500	230
150	2-1/2 x 1-1/2	GME 150-26 EM	124	2900	230
150	2-1/2 x 1-1/2	GME 150-42 EH	107-135	3000	230
150	2-1/2 x 1-1/2	GME 150-26 EH	156-191	3500	230
150	2-1/2 x 2	GME 150-20 EHA	102-126	3500	230
150	2-1/2 x 2	GME 150-20 EH	102-126	3500	230
200	2-1/2 x 2	GME 200-20 EH	96-120	3500	230
200	2-1/2 x 2	GME 200-20 EHA	96-120	3500	230
200	3 x 2-1/2	GME 200-65 EM	115-136	2900	230
200	3 x 2-1/2	GME 200-65 EM	115-136	2900	230
250	3 x 2-1/2	GME 250-26 EM	113-134	2900	230
250	3 x 2-1/2	GME 250-20 EH	103-124	3500	230

300	3 x 2-1/2	GME 300-26 EM	110-132	2900	230
300	3 x 2-1/2	GME 300-20 EH	101-123	3500	230
400	4 x 3	GME 400-26 EM	110-133	2900	230
400	4 x 3	GME 400-26 EM	110-133	2900	230
400	4 x 3	GME 400-26 EH	191	3500	240
400	4 x 3	GME 400-32 EM	158-200	2900	250
400	4 x 3	GME 400-80 EH	105 - 193	3500	235
450	4 x 3	GME 450-26 EM	109-132	2900	230
450	4 x 3	GME 450-26 EH	188	3500	240
450	4 x 3	GME 450-32 EM	154-198	2900	250
450	4 x 3	GME 450-80 EH	102 - 190	3500	235
500	4 x 3	GME 500-26 EM	108-131	2900	230
500	4 x 3	GME 500-26 EH	185	3500	240
500	4 x 3	GME 500-32 EM	149-194	2900	250
500	4 x 3	GME 500-80 EH	99 - 188	3500	235
500	5 x 4	GME 500-12 EM	111 - 133	2900	225
500	5 x 4	GME 500-13 EM	122 - 210	2900	245
750	5 x 4	GME 750-26 EM	102 - 127	2900	225
750	5 x 4	GME 750-32 EM	122 - 207	2900	245
50	2.5X2	GME-50-20 EM-2G	74-93	2900	180
50	2.5X2	GME-50-20 EM-2G	79-99	3000	180
100	2.5X2	GME-100-20 EM-2G	72-92	2900	180
100	2.5X2	GME-100-20 EM-2G	77-98	3000	180
150	3X2	GME-150-32 EM-2G	95-142	2900	239
150	3X2	GME-150-32 EM-2G	102-153	3000	239
150	2.5X2	GME-150-20 EM-2G	71-90	2900	180
150	2.5X2	GME-150-20 EM-2G	76-97	3000	180
150	3X2.5	GME-150-65 EM-2G	80-93	2900	180
150	3X2.5	GME-150-65 EM-2G	86-99	3000	180
200	3X2	GME-200-32 EM-2G	89-139	2900	239
200	3X2	GME-200-32 EM-2G	96-149	3000	239
200	3X2.5	GME-200-65 EM-2G	79-91	2900	180
200	3X2.5	GME-200-65 EM-2G	85-98	3000	180
250	3X2	GME-250-32 EM-2G	82-132	2900	239
250	3X2	GME-250-32 EM-2G	89-143	3000	239
250	4X2.5	GME-250-42 EM- 2G	87-146	2900	239
250	4X2.5	GME-250-42 EM- 2G	94-156	3000	239
250	3X2.5	GME-250-65 EM-2G	77-90	2900	180
250	3X2.5	GME-250-65 EM-2G	83-97	3000	180
300	4X2.5	GME-300-42 EM- 2G	85-143	2900	239
300	4X2.5	GME- 300-42 EM- 2G	91-154	3000	239
300	3X2.5	GME-300-65 EM-2G	75-90	2900	180
300	3X2.5	GME-300-65 EM-2G	81-96	3000	180
400	5X3	GME-400-31 EM-2G	134-218	2900	315
400	5X3	GME-400-31 EM-2G	143-234	3000	315
400	5X3	GME-400-25 EM- 2G	86-139	2900	235

400	5X3	GME-400-25 EM- 2G	93-149	3000	235
400	5X4	GME-400-54 EM-2G	137-215	2900	315
400	5X4	GME-400-54 EM-2G	147-230	3000	315
400	4X2.5	GME-400-42 EM- 2G	79-141	2900	239
400	4X2.5	GME-400-42 EM- 2G	86-151	3000	239
450	5X3	GME-450-31 EM-2G	131-217	2900	315
450	5X3	GME-450-31 EM-2G	141-232	3000	315
450	5X3	GME-450-25 EM- 2G	85-138	2900	235
450	5X3	GME-450-25 EM- 2G	91-148	3000	235
450	5X4	GME-450-54 EM-2G	136-214	2900	315
450	5X4	GME-450-54 EM-2G	146-229	3000	315
450	4X2.5	GME-450-42 EM- 2G	78-137	2900	239
450	4X2.5	GME- 450-42 EM- 2G	84-148	3000	239
500	5X3	GME-500-31 EM-2G	129-217	2900	315
500	5X3	GME-500-31 EM-2G	139-232	3000	315
500	5X3	GME-500-25 EM- 2G	83-136	2900	235
500	5X3	GME-500-25 EM- 2G	90-146	3000	235
500	5X4	GME-500-54 EM-2G	136-214	2900	315
500	5X4	GME-500-54 EM-2G	146-229	3000	315
500	4X2.5	GME-500-42 EM- 2G	143	3000	239
500	6X5	GME-500-20 EM-2G	68-84	2900	175
500	6X5	GME-500-20 EM-2G	73-90	3000	175
500	6X5	GME-500-20 EH-2G	100-121	3500	210
500	6X5	GME-500-20 EH-2G	105-128	3600	210
500	6X5	GME-500-26 EM-2G	118-136	2900	230
500	6X5	GME-500-26 EM-2G	126-146	3000	230
500	6X5	GME-500-26 EH-2G	168-199	3500	290
500	6X5	GME-500-26 EH-2G	178-210	3600	290
750	5X4	GME-750-54 EM-2G	131-208	2900	315
750	5X4	GME-750-54 EM-2G	141-223	3000	315
750	6X5	GME-750-20 EM-2G	65-81	2900	175
750	6X5	GME-750-20 EM-2G	70-87	3000	175
750	6X5	GME-750-20 EH-2G	97-120	3500	210
750	6X5	GME-750-20 EH-2G	103-127	3600	210
750	6X5	GME-750-26 EM-2G	116-135	2900	230
750	6X5	GME-750-26 EM-2G	125-145	3000	230
750	6X5	GME-750-26 EH-2G	167-198	3500	290
750	6X5	GME-750-26 EH-2G	177-210	3600	290
1000	5X4	GME-1000-54 EM-2G	122-200	2900	315
1000	5X4	GME-1000-54 EM-2G	132-215	3000	239
1000	6X5	GME-1000-20 EM-2G	60-78	2900	175
1000	6X5	GME-1000-20 EM-2G	65-84	3000	175
1000	6X5	GME-1000-20 EH-2G	92-116	3500	210
1000	6X5	GME-1000-20 EH-2G	98-123	3600	210
1000	6X5	GME-1000-26 EM-2G	113-133	2900	230
1000	6X5	GME-1000-26 EM-2G	121-143	3000	230

1000	6X5	GME-1000-26 EH-2G	164-196	3500	290
1000	6X5	GME-1000-26 EH-2G	174-208	3600	290

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QXJY.EX16165 Centrifugal Fire Pumps, Split Case

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Centrifugal Fire Pumps, Split Case

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LICHFIELD FIRE & SAFETY EQUIPMENTS CO LTD

EX16165

UNIT 8, CALIBRE INDUSTRIAL PARK

LACHES CLOSE FOUR ASHES

WOVERHAMPTON, WV10 7DZ UNITED KINGDOM

Fire pumps, single stage

Rated Capacity (gpm)	Size (in.)	Model Dsg	Rated Net Pressure Range (psi)	Approx Speed (rpm)	Max Working Pressure (psi)
150	6x4	GMS150-25SH	114-208	3500	300
150	6x4	GMS150-25SH	121-220	3600	300
150	6x4	GMS150-40SM	206-289	2900	385
150	6x4	GMS150-40SM	221-310	3000	385
150	6x4	GMS150-SN31SH	226-316	3500	405
150	6x4	GMS150-SN31SH	239-334	3600	405
150	5x3	GMS150-28SM	101-156	2900	239
150	5x3	GMS150-28SM	108-167	3000	239
150	5x3	GMS150-35SM	125-224	2900	318
150	5x3	GMS150-35SM	133-240	3000	318
200	6x4	GMS200-25SH	114-207	3500	300
200	6x4	GMS200-25SH	121-219	3600	300
200	6x4	GMS200-40SM	206-289	2900	385
200	6x4	GMS200-40SM	220-309	3000	385
200	6x4	GMS200-SN31SH	226-317	3500	405
200	6x4	GMS200-SN31SH	239-335	3600	405
200	5x3	GMS200-28SM	101-156	2900	239
200	5x3	GMS200-28SM	108-167	3000	239
200	5x3	GMS200-35SM	124-224	2900	318
200	5x3	GMS200-35SM	133-240	3000	318
250	6x4	GMS250-25SH	114-207	3500	300
250	6x4	GMS250-25SH	121-219	3600	300
250	6x4	GMS250-40SM	206-288	2900	385
250	6x4	GMS250-40SM	220-308	3000	385
250	6x4	GMS250-SN31SH	226-317	3500	405
250	6x4	GMS250-SN31SH	239-335	3600	405
250	5x3	GMS250-28SM	101-156	2900	239

250	5x3	GMS250-28SM	108-167	3000	239
250	5x3	GMS250-35SM	123-223	2900	318
250	5x3	GMS250-35SM	132-239	3000	318
300	5x3	GMS300-35SM	122-222	2900	319
300	5x3	GMS300-35SM	131-237	3000	319
300	6x4	GMS300-25SH	114-206	3500	300
300	6x4	GMS300-25SH	121-219	3600	300
300	6x4	GMS300-40SM	206-286	2900	385
300	6x4	GMS300-40SM	220-307	3000	385
300	6x4	GMS300-SN31SH	226-316	3500	405
300	6x4	GMS300-SN31SH	239-334	3600	405
300	5x3	GMS300-28SM	100-156	2900	239
300	5x3	GMS300-28SM	107-167	3000	239
400	5x3	GMS400-35SM	120-219	2900	319
400	5x3	GMS400-35SM	129-234	3000	319
400	5x3	GMS400-28SM	98-155	2900	239
400	5x3	GMS400-28SM	105-166	3000	239
400	6x4	GMS400-25SH	114-206	3500	300
400	6x4	GMS400-25SH	120-218	3600	300
400	6x4	GMS400-40SM	206-285	2900	385
400	6x4	GMS400-40SM	221-305	3000	385
400	6x4	GMS400-SN31SH	225-314	3500	405
400	6x4	GMS400-SN31SH	238-332	3600	405
450	6x4	GMS 450-37SM-2G	220-293	2900	410
450	6x4	GMS 450-37SM-2G	236-315	3000	410
450	5x3	GMS450-28SM	96-155	2900	239
450	5x3	GMS450-28SM	104-166	3000	239
450	6x4	GMS450-25SH	114-206	3500	300
450	6x4	GMS450-25SH	120-218	3600	300
450	6x4	GMS450-40SM	205-284	2900	385
450	6x4	GMS450-40SM	220-304	3000	385
450	6x4	GMS450-SN31SH	224-313	3500	405
450	6x4	GMS450-SN31SH	237-331	3600	405
500	6x4	GMS 500-37SM-2G	216-296	2900	410
500	6x4	GMS 500-37SM-2G	233-314	3000	410
500	5x3	GMS 500-37SM	134-233	2900	290
500	6x4	GMS500-31SM	137-203	2900	220
500	5x3	GMS500-28SM	94-154	2900	239
500	5x3	GMS500-28SM	102-165	3000	239
500	6x4	GMS500-25SH	113-205	3500	300
500	6x4	GMS500-25SH	120-217	3600	300
500	6x4	GMS500-32SM	119-198	2900	290
500	6x4	GMS500-32SM	128-212	3000	290
500	6x4	GMS500-40SM	204-284	2900	385
500	6x4	GMS500-40SM	219-304	3000	385
500	6x4	GMS500-SN31SH	224-312	3500	405

500	6x4	GMS500-SN31SH	237-330	3600	405
750	6x4	GMS 750-37SM-2G	202-276	2900	410
750	6x4	GMS 750-37SM-2G	218-298	3000	410
750	6x4	GMS750-31SM	131-201	2900	220
750	6x4	GMS750-25SH	106-199	3500	300
750	6x4	GMS750-25SH	113-211	3600	300
750	6x4	GMS750-32SM	111-194	2900	290
750	6x4	GMS750-32SM	120-208	3000	290
750	8x5	GMS750-29SM	148-182	2900	268
750	8x5	GMS750-29SM	159-196	3000	268
750	6x4	GMS750-40SM	199-281	2900	385
750	6x4	GMS750-40SM	214-301	3000	385
750	6x4	GMS750-SN31SH	218-309	3500	405
750	6x4	GMS750-SN31SH	231-327	3600	405
750	8x5	GMS750-12SH	148-266	3500	362
750	8x5	GMS750-12SH	157-281	3600	362
750	6x4	GMS750-EL31SH	190-290	3500	377
750	6x4	GMS750-EL31SH	201-306	3600	377
1000	8x5	GMS 1000-36SM-2G	180-290	2900	405
1000	8x5	GMS 1000-36SM-2G	194-310	3000	405
1000	6x4	GMS1000-31SM	134-195	2900	220
1000	8x5	GMS1000-29SM	143-181	2900	268
1000	8x5	GMS1000-29SM	154-194	3000	268
1000	8x5	GMS1000-30SM	98-172	2900	275
1000	8x5	GMS1000-30SM	106-185	3000	275
1000	6x4	GMS1000-40SM	191-272	2900	385
1000	6x4	GMS1000-40SM	206-292	3000	385
1000	8x5	GMS1000-12SH	146-264	3500	362
1000	8x5	GMS1000-12SH	155-280	3600	362
1000	8x5	GMS1000-15SH	152-205	3500	300
1000	8x5	GMS1000-15SH	160-217	3600	300
1000	8x5	GMS1000-36SM	163-278	2900	375
1000	8x5	GMS1000-36SM	175-298	3000	375
1000	6x4	GMS1000-EL31SH	187-289	3500	377
1000	6x4	GMS1000-EL31SH	199-306	3600	377
1250	8x5	GMS 1250-36SM-2G	171-281	2900	405
1250	8x5	GMS 1250-36SM-2G	184-302	3000	405
1250	8x6	GMS 1250-29SM-2G	95-156	2900	250
1250	8x6	GMS 1250-29SM-2G	102-167	3000	250
1250	8x5	GMS1250-29SM	137-177	2900	268
1250	8x5	GMS1250-29SM	148-191	3000	268
1250	8x5	GMS1250-30SM	94-170	2900	275
1250	8x5	GMS1250-30SM	101-182	3000	275
1250	8x5	GMS1250-12SH	207-264	3500	362
1250	8x5	GMS1250-12SH	219-279	3600	362
1250	8x6	GMS1250-15SH	150-205	3500	300

1250	8x6	GMS1250-15SH	159-217	3600	300
1250	8x5	GMS1250-36SM	155-278	2900	375
1250	8x5	GMS1250-36SM	168-298	3000	375
1250	6x4	GMS1250-EL31SH	178-287	3500	377
1250	6x4	GMS1250-EL31SH	190-304	3600	377
1500	8x6	GMS 1500-29SM-2G	100-155	2900	250
1500	8x6	GMS 1500-29SM-2G	105-167	3000	250
1500	12x10	GMS 1500-61SL5-2G	99-164	1480	260
1500	12x10	GMS 1500-61SL5-2G	101-168	1500	260
1500	12x10	GMS 1500-61SL6-2G	142-168	1760	260
1500	12x10	GMS 1500-61SL6-2G	149-176	1800	260
1500	8x5	GMS1500-30SM	88-167	2900	239
1500	8x5	GMS1500-30SM	95-179	3000	239
1500	8x6	GMS1500-15SH	149-207	3500	300
1500	8x6	GMS1500-15SH	158-218	3600	300
1500	8x5	GMS1500-36SM	153-275	2900	375
1500	8x5	GMS1500-36SM	164-295	3000	375
2000	8x6	GMS2000-15SH	145-203	3500	300
2000	8x6	GMS2000-15SH	154-215	3600	300
2000	8x6	GMS 2000-29SM-2G	95-152	2900	250
2000	8x6	GMS 2000-29SM-2G	103-163	3000	250
2000	12x10	GMS 2000-61SL5-2G	94-162	1480	260
2000	12x10	GMS 2000-61SL5-2G	97-166	1500	260
2000	12x10	GMS 2000-61SL6-2G	136-165	1760	260
2000	12x10	GMS 2000-61SL6-2G	142-173	1800	260
2500	8x6	GMS 2500-29SM-2G	89-145	2900	250
2500	8x6	GMS 2500-29SM-2G	95-156	3000	250
2500	12x10	GMS 2500-61SL5-2G	89-158	1480	260
2500	12x10	GMS 2500-61SL5-2G	92-162	1500	260
2500	12x10	GMS 2500-61SL6-2G	132-163	1760	260
2500	12x10	GMS 2500-61SL6-2G	139-170	1800	260
3000	12x10	GMS 3000-61SL5-2G	104-153	1480	260
3000	12x10	GMS 3000-61SL5-2G	108-157	1500	260
3000	12x10	GMS 3000-61SL6-2G	125-156	1760	260
3000	12x10	GMS 3000-61SL6-2G	131-164	1800	260
3500	12x10	GMS 3500-61SL5-2G	103-144	1485	260
3500	12x10	GMS 3500-61SL5-2G	106-148	1500	260
3500	12x10	GMS 3500-61SL6-2G	119-148	1760	260
3500	12x10	GMS 3500-61SL6-2G	125-156	1800	260

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QXJY.EX16165 - Centrifugal Fire Pumps, Split Case

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QXXW.EX27552 Centrifugal Fire Pumps, Vertical Turbine

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Centrifugal Fire Pumps, Vertical Turbine

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LICHFIELD FIRE & SAFETY EQUIPMENTS CO LTD

EX27552

UNIT 8, CALIBRE INDUSTRIAL PARK

LACHES CLOSE FOUR ASHES

WOVERHAMPTON, WV10 7DZ UNITED KINGDOM

Rated Capacity gpm	Model Dsg	Rated Net Pressure Range psi	Approx Speed rpm	Stages
200	LFP-200-70VT	40-289	1480	2-12
200	LFP-200-70VT	48-348	1760	2-10
200	LFP-200-30VT	60-305	2900	2-6
200	LFP-200-30VT	63-323	2980	2-6
200	LFP-200-30VT	64-327	3000	2-6
200	LFP-750-70VT	40 - 248	1480	2-10
250	LFP-250-70VT	40-290	1480	2-12
250	LFP-250-70VT	48-345	1760	2-10
250	LFP-250-30VT	60-299	2900	2-6
250	LFP-250-30VT	63-317	2980	2-6
250	LFP-250-30VT	64-321	3000	2-6
250	LFP-750-70VT	40 - 248	1480	2-10
250	LFP-750-70VT	48 - 351	1760	2-10
300	LFP-300-70VT	40-290	1480	2-12
300	LFP-300-70VT	47-341	1760	2-10
300	LFP-300-30VT	58-295	2900	2-6
300	LFP-300-30VT	61-312	2980	2-6
300	LFP-300-30VT	62-316	3000	2-6
300	LFP-750-70VT	40 - 247	1480	2-10
300	LFP-750-70VT	48 - 351	1760	2-10
400	LFP-400-70VT	40-283	1480	2-12
400	LFP-400-70VT	46-336	1760	2-10
400	LFP-400-30VT	54-285	2900	2-6
400	LFP-400-30VT	57-302	2980	2-6
400	LFP-400-30VT	58-306	3000	2-6
400	LFP-750-70VT	40 - 244	1480	2-10
400	LFP-750-70VT	46 - 349	1760	2-10
450	LFP-450-70VT	40-279	1480	2-12
450	LFP-450-70VT	45-333	1760	2-10
450	LFP-450-30VT	52-279	2900	2-6
450	LFP-450-30VT	56-296	2980	2-6

450	LFP-450-30VT	56-300	3000	2-6
450	LFP-750-70VT	40 - 241	1480	2-10
450	LFP-750-70VT	44 - 347	1760	2-10
500	LFP-500-70VT	40-276	1480	2-12
500	LFP-500-70VT	44-331	1760	2-10
500	LFP-500-30VT	49-273	2900	2-6
500	LFP-500-30VT	53-290	2980	2-6
500	LFP-500-30VT	54-294	3000	2-6
500	LFP-750-70VT	40 - 236	1480	2-10
500	LFP-750-70VT	44 - 343	1760	2-10
750	LFP-750-70VT	40 - 320	1760	2-10
750	LFP-1500-80VT	42 - 254	1480	2-8
750	LFP-750-70VT	40-253	1480	2-12
750	LFP-750-70VT	40-309	1760	2-10
750	LFP-750-80VT	43-306	1480	2-10
750	LFP-750-80VT	62-359	1760	2-8
750	LFP-750-30VT	72-79	2900	2
750	LFP-750-30VT	108-119	2900	3
750	LFP-750-30VT	144-159	2900	4
750	LFP-750-30VT	180-198	2900	5
750	LFP-750-30VT	216-238	2900	6
750	LFP-750-30VT	150-166	2950	4
750	LFP-750-30VT	187-207	2950	5
750	LFP-750-30VT	225-249	2950	6
750	LFP-750-30VT	83-87	3000	2
750	LFP-750-30VT	117-130	3000	3
1000	LFP-1000-70VT	56.00	1480	3
1000	LFP-1000-70VT	73.00	1480	4
1000	LFP-1000-70VT	88.00	1480	5
1000	LFP-1000-70VT	112.00	1480	6
1000	LFP-1000-70VT	131.00	1480	7
1000	LFP-1000-70VT	145.00	1480	8
1000	LFP-1000-70VT	160.00	1480	9
1000	LFP-1000-70VT	187.00	1480	10
1000	LFP-1000-70VT	203.00	1480	11
1000	LFP-1000-70VT	218.00	1480	12
1000	LFP-1000-70VT	102.00	1450	6
1000	LFP-1000-70VT	117.00	1450	7
1000	LFP-1000-70VT	174.00	1450	10
1000	LFP-1000-70VT	189.00	1450	11
1000	LFP-1000-70VT	57	1760	2
1000	LFP-1000-70VT	80	1760	3
1000	LFP-1000-70VT	106	1760	4
1000	LFP-1000-70VT	133	1760	5
1000	LFP-1000-70VT	160	1760	6

1000	LFP-1000-70VT	189	1760	7
1000	LFP-1000-70VT	218	1760	8
1000	LFP-1000-70VT	247	1760	9
1000	LFP-1000-70VT	276	1760	10
1000	LFP-1000-70VT	58	1780	2
1000	LFP-1000-70VT	87	1780	3
1000	LFP-1000-70VT	116	1780	4
1000	LFP-1000-70VT	145	1780	5
1000	LFP-1000-70VT	175	1780	6
1000	LFP-1000-70VT	204	1780	7
1000	LFP-1000-70VT	233	1780	8
1000	LFP-1000-70VT	262	1780	9
1000	LFP-1000-70VT	291	1780	10
1000	LFP-1000-80VT	40-287	1480	2-10
1000	LFP-1000-80VT	59-343	1760	2-8
1000	LFP-1000-90VT	57-328	1480	2-7
1000	LFP-1000-90VT	85-337	1760	2-5
1000	LFP-1500-80VT	40 - 244	1480	2-8
1000	LFP-1500-80VT	58 - 355	1760	2-8
1000	LFP-2000-90VT	58 - 239	1480	2-5
1250	LFP-1250-80VT	40-273	1480	2-10
1250	LFP-1250-80VT	54-330	1760	2-8
1250	LFP-1250-90VT	55-317	1480	2-7
1250	LFP-1250-90VT	80-329	1760	2-5
1250	LFP-1500-80VT	40 - 225	1480	2-8
1250	LFP-1500-80VT	54 - 341	1760	2-8
1250	LFP-2000-90VT	56 - 230	1480	2-5
1250	LFP-2000-90VT	80 - 335	1760	2-5
1500	LFP-1500-80VT	84-254	1480	4-10
1500	LFP-1500-80VT	60-76	1480	3
1500	LFP-1500-80VT	49-312	1760	2-8
1500	LFP-1500-90VT	52-309	1480	2-7
1500	LFP-1500-90VT	78-314	1760	2-5
1500	LFP-1500-80VT	58 - 317	1760	2-8
1500	LFP-2000-90VT	52 - 225	1480	2-5
1500	LFP-2000-90VT	78 - 325	1760	2-5
2000	LFP-2000-90VT	72 - 312	1760	2-5
2000	LFP-2000-90VT	71-82	1480	2
2000	LFP-2000-90VT	100-123	1480	3
2000	LFP-2000-90VT	133-165	1480	4
2000	LFP-2000-90VT	167-288	1480	5-7
2000	LFP-2000-90VT	96-118	1450	3
2000	LFP-2000-90VT	128-157	1450	4
2000	LFP-2000-90VT	72-302	1760	2-5

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