



Certificate of Compliance

This certificate is issued for the following:

Centrifugal Fire Pumps
(Horizontal, End Suction Type)
(see attached listing)

Prepared For:

Lichfield Fire and Safety
Equipment FZE
Plot #MO03103B, 822nd St
Jebel Ali Free Zone, Dubai, 18605
United Arab Emirates

FM Approvals Class: 1319 (January 2018)

Approval Identification: PR458992

Approval Granted: January 15, 2021

To verify the product continues to be Approved please refer to www.approvalguide.com.

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062

January 28, 2021

Date



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME 50-20 EM	United Arab Emirates	50	190	68-88	470-605	2900	2	1 1/4	1
GME 50-20 EH	United Arab Emirates	50	190	102-129	705-890	3500	2	1 1/4	1
GME 50-26 EM	United Arab Emirates	50	190	115-133	795-915	2900	2	1 1/4	1
GME 50-26 EH	United Arab Emirates	50	190	168-195	1160-1345	3500	2	1 1/4	1
GME 100-50 EH	United Arab Emirates	100	380	106-130	730-895	3500	2.5	2	1
GME 150-20 EHA	United Arab Emirates	150	580	104-129	715-890	3500	2.5	2	1
GME 200-20 EHA	United Arab Emirates	200	755	98-124	675-855	3500	2.5	2	1
GME 200-65 EM	United Arab Emirates	200	755	115-136	795-940	2900	3	2 1/2	1
GME 250-20 EH	United Arab Emirates	250	945	105-125	725-860	3500	3	2 1/2	1





Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME 250-26 EM	United Arab Emirates	250	945	112-134	770-925	2900	3	2 1/2	1
GME 300-20 EH	United Arab Emirates	300	1135	102-123	705-850	3500	3	2 1/2	1
GME 300-26 EM	United Arab Emirates	300	1135	108-130	745-895	2900	3	2 1/2	1
GME 400-26 EM	United Arab Emirates	400	1515	108-133	745-915	2900	4	3	1
GME 400-80 EH	United Arab Emirates	400	1515	115-195	795-1345	3500	4	3	1
GME 400-32 EM	United Arab Emirates	400	1515	162-197	1115-1360	2900	4	3	1
GME 400-26 EH	United Arab Emirates	400	1515	165-198	1140-1365	3500	4	3	1
GME 450-26 EM	United Arab Emirates	450	1705	105-132	725-910	2900	4	3	1
GME 450-80 EH	United Arab Emirates	450	1705	111-195	765-1345	3500	4	3	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME 450-32 EM	United Arab Emirates	450	1705	159-195	1095-1345	2900	4	3	1
GME 450-26 EH	United Arab Emirates	450	1705	162-197	1115-1360	3500	4	3	1
GME 500-26 EM	United Arab Emirates	500	1895	104-131	715-905	2900	4	3	1
GME 500-80 EH	United Arab Emirates	500	1895	110-194	760-1340	3500	4	3	1
GME 500-12 EM	United Arab Emirates	500	1895	113-139	780-960	2900	5	4	1
GME 500-13 EM	United Arab Emirates	500	1895	126-216	870-1490	2900	5	4	1
GME 500-32 EM	United Arab Emirates	500	1895	156-194	1075-1340	2900	4	3	1
GME 500-26 EH	United Arab Emirates	500	1895	161-195	1110-1345	3500	4	3	1
GME 750-26 EM	United Arab Emirates	750	2840	108-136	745-940	2900	5	4	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME 750-32 EM	United Arab Emirates	750	2840	117-214	805-1475	2900	5	4	1
GME-50-20 EM-2G	United Arab Emirates	50	190	74-93	510-640	2900	2.5	2	1
GME-50-20 EM-2G	United Arab Emirates	50	190	79-99	545-685	3000	2.5	2	1
GME-100-20 EM-2G	United Arab Emirates	100	380	72-92	495-635	2900	2.5	2	1
GME-100-20 EM-2G	United Arab Emirates	100	380	77-98	530-675	3000	2.5	2	1
GME-150-20 EM-2G	United Arab Emirates	150	580	71-90	490-620	2900	2.5	2	1
GME-150-20 EM-2G	United Arab Emirates	150	580	76-97	525-670	3000	2.5	2	1
GME-150-65 EM-2G	United Arab Emirates	150	580	80-93	550-640	2900	3	2 1/2	1
GME-150-65 EM-2G	United Arab Emirates	150	580	86-99	595-685	3000	3	2 1/2	1



Member of the FM Global Group



Member of the FM Global Group

Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-150-32 EM-2G	United Arab Emirates	150	580	95-142	655-980	2900	3	2	1
GME-150-32 EM-2G	United Arab Emirates	150	580	102-153	705-1055	3000	3	2	1
GME-200-65 EM-2G	United Arab Emirates	200	755	79-91	545-625	2900	3	2 1/2	1
GME-200-65 EM-2G	United Arab Emirates	200	755	85-98	585-675	3000	3	2 1/2	1
GME-200-32 EM-2G	United Arab Emirates	200	755	89-139	615-960	2900	3	2	1
GME-200-32 EM-2G	United Arab Emirates	200	755	96-149	660-1025	3000	3	2	1
GME-250-65 EM-2G	United Arab Emirates	250	945	77-90	530-620	2900	3	2 1/2	1
GME-250-32 EM-2G	United Arab Emirates	250	945	82-132	565-910	2900	3	2	1
GME-250-65 EM-2G	United Arab Emirates	250	945	83-97	570-670	3000	3	2 1/2	1



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-250-42 EM-2G	United Arab Emirates	250	945	87-146	600-1005	2900	4	2 1/2	1
GME-250-32 EM-2G	United Arab Emirates	250	945	89-143	615-985	3000	3	2	1
GME-250-42 EM-2G	United Arab Emirates	250	945	94-156	650-1075	3000	4	2 1/2	1
GME-300-65 EM-2G	United Arab Emirates	300	1135	76-90	525-620	2900	3	2 1/2	1
GME-300-65 EM-2G	United Arab Emirates	300	1135	81-96	560-660	3000	3	2 1/2	1
GME-300-42 EM-2G	United Arab Emirates	300	1135	85-143	585-985	2900	4	2 1/2	1
GME-300-42 EM-2G	United Arab Emirates	300	1135	91-154	625-1060	3000	4	2 1/2	1
GME-400-42 EM-2G	United Arab Emirates	400	1515	79-141	545-970	2900	4	2 1/2	1
GME-400-42 EM-2G	United Arab Emirates	400	1515	86-151	595-1040	3000	4	2 1/2	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-400-25 EM-2G	United Arab Emirates	400	1515	86-139	595-960	2900	5	3	1
GME-400-25 EM-2G	United Arab Emirates	400	1515	93-149	640-1025	3000	5	3	1
GME-400-31 EM-2G	United Arab Emirates	400	1515	134-218	925-1505	2900	5	3	1
GME-400-54 EM-2G	United Arab Emirates	400	1515	137-215	945-1480	2900	5	4	1
GME-400-31 EM-2G	United Arab Emirates	400	1515	143-234	985-1615	3000	5	3	1
GME-400-54 EM-2G	United Arab Emirates	400	1515	147-230	1015-1585	3000	5	4	1
GME-450-42 EM-2G	United Arab Emirates	450	1705	78-137	540-945	2900	4	2 1/2	1
GME- 450-42 EM-2G	United Arab Emirates	450	1705	84-148	580-1020	3000	4	2 1/2	1
GME-450-25 EM-2G	United Arab Emirates	450	1705	86-138	595-950	2900	5	3	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-450-25 EM-2G	United Arab Emirates	450	1705	91-148	625-1020	3000	5	3	1
GME-450-31 EM-2G	United Arab Emirates	450	1705	131-217	905-1495	2900	5	3	1
GME-450-54 EM-2G	United Arab Emirates	450	1705	136-214	940-1475	2900	5	4	1
GME-450-31 EM-2G	United Arab Emirates	450	1705	141-232	970-1600	3000	5	3	1
GME-450-54 EM-2G	United Arab Emirates	450	1705	146-229	1005-1580	3000	5	4	1
GME-500-20 EM-2G	United Arab Emirates	500	1895	69-84	475-580	2900	6	5	1
GME-500-20 EM-2G	United Arab Emirates	500	1895	73-90	505-620	3000	6	5	1
GME-500-25 EM-2G	United Arab Emirates	500	1895	83-136	575-935	2900	5	3	1
GME-500-25 EM-2G	United Arab Emirates	500	1895	90-146	620-1005	3000	5	3	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-500-20 EH-2G	United Arab Emirates	500	1895	100-121	670-835	3500	6	5	1
GME-500-20 EH-2G	United Arab Emirates	500	1895	105-128	725-885	3600	6	5	1
GME-500-26 EM-2G	United Arab Emirates	500	1895	118-136	815-940	2900	6	5	1
GME-500-26 EM-2G	United Arab Emirates	500	1895	126-146	870-1005	3000	6	5	1
GME-500-31 EM-2G	United Arab Emirates	500	1895	129-217	890-1495	2900	5	3	1
GME-500-54 EM-2G	United Arab Emirates	500	1895	136-214	940-1475	2900	5	4	1
GME-500-31 EM-2G	United Arab Emirates	500	1895	139-232	960-1600	3000	5	3	1
GME-500-42 EM-2G	United Arab Emirates	500	1895	143	985	3000	4	2 1/2	1
GME-500-54 EM-2G	United Arab Emirates	500	1895	146-229	1005-1580	3000	5	4	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-500-26 EH-2G	United Arab Emirates	500	1895	168-199	1160-1370	3500	6	5	1
GME-500-26 EH-2G	United Arab Emirates	500	1895	178-210	1225-1450	3600	6	5	1
GME-750-20 EM-2G	United Arab Emirates	750	2840	65-81	450-560	2900	6	5	1
GME-750-20 EM-2G	United Arab Emirates	750	2840	70-87	485-600	3000	6	5	1
GME-750-20 EH-2G	United Arab Emirates	750	2840	97-120	670-825	3500	6	5	1
GME-750-20 EH-2G	United Arab Emirates	750	2840	103-127	710-875	3600	6	5	1
GME-750-26 EM-2G	United Arab Emirates	750	2840	116-135	800-930	2900	6	5	1
GME-750-26 EM-2G	United Arab Emirates	750	2840	125-145	860-1000	3000	6	5	1
GME-750-54 EM-2G	United Arab Emirates	750	2840	131-208	905-1435	2900	5	4	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-750-54 EM-2G	United Arab Emirates	750	2840	141-223	970-1540	3000	5	4	1
GME-750-26 EH-2G	United Arab Emirates	750	2840	167-198	1150-1365	3500	6	5	1
GME-750-26 EH-2G	United Arab Emirates	750	2840	177-210	1220-1450	3600	6	5	1
GME-1000-20 EM-2G	United Arab Emirates	1000	3785	60-78	415-540	2900	6	5	1
GME-1000-20 EM-2G	United Arab Emirates	1000	3785	65-84	450-580	3000	6	5	1
GME-1000-20 EH-2G	United Arab Emirates	1000	3785	92-116	635-800	3500	6	5	1
GME-1000-20 EH-2G	United Arab Emirates	1000	3785	98-123	675-850	3600	6	5	1
GME-1000-26 EM-2G	United Arab Emirates	1000	3785	113-133	780-915	2900	6	5	1
GME-1000-26 EM-2G	United Arab Emirates	1000	3785	121-143	835-985	3000	6	5	1



Member of the FM Global Group



Certificate of Compliance

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)
GME-1000-54 EM-2G	United Arab Emirates	1000	3785	122-200	840-1380	2900	5	4	1
GME-1000-54 EM-2G	United Arab Emirates	1000	3785	132-215	910-1480	3000	5	4	1
GME-1000-26 EH-2G	United Arab Emirates	1000	3785	164-196	1130-1350	3500	6	5	1
GME-1000-26 EH-2G	United Arab Emirates	1000	3785	174-208	1200-1435	3600	6	5	1



Member of the FM Global Group