



Certificate of Compliance

This certificate is issued for the following:

Centrifugal Fire Pumps Split-Case Type
(Axial or Radial)
(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: 1311 (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 dark ink, appearing to read "D.B. Fuller".

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)
GMS150-28SM	United Arab Emirates	150	580	101-156	695-1075	2900	5	3	1
GMS150-28SM	United Arab Emirates	150	580	108-167	745-1150	3000	5	3	1
GMS150-35SM	United Arab Emirates	150	580	125-224	860-1545	2900	5	3	1
GMS150-35SM	United Arab Emirates	150	580	133-240	915-1655	3000	5	3	1
GMS150-25SH	United Arab Emirates	150	580	114-208	785-1435	3500	6	4	1
GMS150-25SH	United Arab Emirates	150	580	121-220	835-1515	3600	6	4	1
GMS150-SN31SH	United Arab Emirates	150	580	226-316	1560-2180	3500	6	4	1
GMS150-SN31SH	United Arab Emirates	150	580	234-327	1615-2255	3565	6	4	1
GMS150-40SM	United Arab Emirates	150	580	206-289	1420-1995	2900	6	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)
GMS150-40SM	United Arab Emirates	150	580	221-310	1525-2135	3000	6	4	1
GMS200-28SM	United Arab Emirates	200	755	101-156	695-1075	2900	5	3	1
GMS200-28SM	United Arab Emirates	200	755	108-167	745-1150	3000	5	3	1
GMS200-35SM	United Arab Emirates	200	755	124-224	855-1545	2900	5	3	1
GMS200-35SM	United Arab Emirates	200	755	133-240	915-1655	3000	5	3	1
GMS200-25SH	United Arab Emirates	200	755	114-207	785-1425	3500	6	4	1
GMS200-25SH	United Arab Emirates	200	755	121-219	835-1510	3600	6	4	1
GMS200-SN31SH	United Arab Emirates	200	755	226-317	1560-2185	3500	6	4	1
GMS200-SN31SH	United Arab Emirates	200	755	234-329	1615-2270	3565	6	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)
GMS200-40SM	United Arab Emirates	200	755	206-289	1420-1995	2900	6	4	1
GMS200-40SM	United Arab Emirates	200	755	220-309	1515-2130	3000	6	4	1
GMS250-28SM	United Arab Emirates	250	945	101-156	695-1075	2900	5	3	1
GMS250-28SM	United Arab Emirates	250	945	108-167	745-1150	3000	5	3	1
GMS250-35SM	United Arab Emirates	250	945	123-223	850-1540	2900	5	3	1
GMS250-35SM	United Arab Emirates	250	945	132-239	910-1650	3000	5	3	1
GMS250-25SH	United Arab Emirates	250	945	114-207	785-1425	3500	6	4	1
GMS250-25SH	United Arab Emirates	250	945	121-219	835-1510	3600	6	4	1
GMS250-SN31SH	United Arab Emirates	250	945	226-317	1560-2185	3500	6	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)
GMS250-SN31SH	United Arab Emirates	250	945	234-329	1615-2270	3565	6	4	1
GMS250-40SM	United Arab Emirates	250	945	206-288	1420-1985	2900	6	4	1
GMS250-40SM	United Arab Emirates	250	945	220-308	1515-2125	3000	6	4	1
GMS300-28SM	United Arab Emirates	300	1135	100-156	690-1075	2900	5	3	1
GMS300-28SM	United Arab Emirates	300	1135	107-167	740-1150	3000	5	3	1
GMS300-35SM	United Arab Emirates	300	1135	122-222	840-1530	2900	5	3	1
GMS300-35SM	United Arab Emirates	300	1135	131-237	905-1635	3000	5	3	1
GMS300-25SH	United Arab Emirates	300	1135	114-206	785-1420	3500	6	4	1
GMS300-25SH	United Arab Emirates	300	1135	121-219	835-1510	3600	6	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)
GMS300-SN31SH	United Arab Emirates	300	1135	226-316	1560-2180	3500	6	4	1
GMS300-SN31SH	United Arab Emirates	300	1135	234-328	1615-2260	3565	6	4	1
GMS300-40SM	United Arab Emirates	300	1135	206-286	1420-1970	2900	6	4	1
GMS300-40SM	United Arab Emirates	300	1135	220-307	1515-2115	3000	6	4	1
GMS400-28SM	United Arab Emirates	400	1515	98-155	675-1070	2900	5	3	1
GMS400-28SM	United Arab Emirates	400	1515	105-166	725-1145	3000	5	3	1
GMS400-35SM	United Arab Emirates	400	1515	120-219	825-1510	2900	5	3	1
GMS400-35SM	United Arab Emirates	400	1515	129-234	890-1615	3000	5	3	1
GMS400-25SH	United Arab Emirates	400	1515	113-206	780-1420	3500	6	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)
GMS400-25SH	United Arab Emirates	400	1515	120-218	825-1505	3600	6	4	1
GMS400-SN31SH	United Arab Emirates	400	1515	225-314	1550-2165	3500	6	4	1
GMS400-SN31SH	United Arab Emirates	400	1515	233-326	1605-2250	3565	6	4	1
GMS400-40SM	United Arab Emirates	400	1515	206-285	1420-1965	2900	6	4	1
GMS400-40SM	United Arab Emirates	400	1515	221-305	1525-2105	3000	6	4	1
GMS450-28SM	United Arab Emirates	450	1705	96-155	660-1070	2900	5	3	1
GMS450-28SM	United Arab Emirates	450	1705	104-166	715-1145	3000	6	4	1
GMS450-25SH	United Arab Emirates	450	1705	113-206	780-1420	3500	6	4	1
GMS450-25SH	United Arab Emirates	450	1705	120-218	825-1505	3600	6	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)
GMS450-SN31SH	United Arab Emirates	450	1705	224-313	1545-2160	3500	6	4	1
GMS450-SN31SH	United Arab Emirates	450	1705	233-325	1605-2240	3565	6	4	1
GMS450-40SM	United Arab Emirates	450	1705	205-284	1415-1960	2900	6	4	1
GMS450-40SM	United Arab Emirates	450	1705	220-304	1515-2095	3000	6	4	1
GMS500-31SM	United Arab Emirates	500	1895	130-197	895-1360	2900	6	4	1
GMS500-31SM	United Arab Emirates	500	1895	139-212	960-1460	3000	6	4	1
GMS500-28SM	United Arab Emirates	500	1895	94-154	650-1060	2900	5	3	1
GMS500-28SM	United Arab Emirates	500	1895	102-165	750-1140	3000	5	3	1
GMS500-25SH	United Arab Emirates	500	1895	113-205	780-1415	3500	6	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)
GMS500-25SH	United Arab Emirates	500	1895	120-217	825-1495	3600	6	4	1
GMS500-SN31SH	United Arab Emirates	500	1895	224-312	1545-2150	3500	6	4	1
GMS500-SN31SH	United Arab Emirates	500	1895	232-324	1600-2235	3565	6	4	1
GMS500-40SM	United Arab Emirates	500	1895	204-284	1405-1960	2900	6	4	1
GMS500-40SM	United Arab Emirates	500	1895	219-304	1510-2095	3000	6	4	1
GMS500-32SM	United Arab Emirates	500	1895	119-198	820-1365	2900	6	4	1
GMS500-32SM	United Arab Emirates	500	1895	128-212	885-1460	3000	6	4	1
GMS750-31SM	United Arab Emirates	750	2840	127-196	875-1350	2900	6	4	1
GMS750-31SM	United Arab Emirates	750	2840	136-210	940-1450	3000	6	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)
GMS750-EL31SH	United Arab Emirates	750	2840	190-290	1310-2000	3500	6	4	1
GMS750-EL31SH	United Arab Emirates	750	2840	196-299	1350-2060	3555	6	4	1
GMS750-25SH	United Arab Emirates	750	2840	106-199	730-1370	3500	6	4	1
GMS750-25SH	United Arab Emirates	750	2840	113-211	780-1455	3600	6	4	1
GMS750-SN31SH	United Arab Emirates	750	2840	218-309	1505-2130	3500	6	4	1
GMS750-SN31SH	United Arab Emirates	750	2840	227-321	1565-2215	3565	6	4	1
GMS750-40SM	United Arab Emirates	750	2840	199-281	1370-1935	2900	6	4	1
GMS750-40SM	United Arab Emirates	750	2840	214-301	1475-2075	3000	6	4	1
GMS750-29SM	United Arab Emirates	750	2840	148-182	1020-1255	2900	8	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)
GMS750-29SM	United Arab Emirates	750	2840	159-196	1095-1350	3000	8	5	1
GMS750-12SH	United Arab Emirates	750	2840	148-266	1020-1835	3500	8	5	1
GMS750-12SH	United Arab Emirates	750	2840	157-281	1080-1935	3600	8	5	1
GMS750-32SM	United Arab Emirates	750	2840	111-194	765-1340	2900	6	4	1
GMS750-32SM	United Arab Emirates	750	2840	120-208	825-1435	3000	6	4	1
GMS1000-31SM	United Arab Emirates	1000	3780	124-190	855-1310	2900	6	4	1
GMS1000-31SM	United Arab Emirates	1000	3780	133-204	915-1405	3000	6	4	1
GMS1000-EL31SH	United Arab Emirates	1000	3780	187-289	1290-1995	3500	6	4	1
GMS1000-EL31SH	United Arab Emirates	1000	3780	193-298	1330-2055	3555	6	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)
GMS1000-40SM	United Arab Emirates	1000	3785	191-272	1315-1875	2900	6	4	1
GMS1000-40SM	United Arab Emirates	1000	3785	206-292	1420-2015	3000	6	4	1
GMS1000-29SM	United Arab Emirates	1000	3785	143-181	985-1250	2900	8	5	1
GMS1000-29SM	United Arab Emirates	1000	3785	154-194	1060-1340	3000	8	5	1
GMS1000-12SH	United Arab Emirates	1000	3785	146-264	1005-1820	3500	8	5	1
GMS1000-12SH	United Arab Emirates	1000	3785	155-280	1070-1930	3600	8	5	1
GMS1000-30SM	United Arab Emirates	1000	3785	98-172	675-1185	2900	8	5	1
GMS1000-30SM	United Arab Emirates	1000	3785	103-180	710-1240	2960	8	5	1
GMS1000-36SM	United Arab Emirates	1000	3785	163-278	1125-1915	2900	8	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)
GMS1000-36SM	United Arab Emirates	1000	3785	165-280	1138-1930	2910	8	5	1
GMS1000-15SH	United Arab Emirates	1000	3785	152-205	1050-1415	3500	8	5	1
GMS1000-15SH	United Arab Emirates	1000	3785	160-217	1105-1495	3600	8	5	1
GMS1250-EL31SH	United Arab Emirates	1250	4730	178-287	1225-1980	3500	6	4	1
GMS1250-EL31SH	United Arab Emirates	1250	4730	184-296	1270-2040	3555	6	4	1
GMS1250-29SM	United Arab Emirates	1250	4730	137-177	945-1220	2900	8	5	1
GMS1250-29SM	United Arab Emirates	1250	4730	148-191	1020-1315	3000	8	5	1
GMS1250-12SH	United Arab Emirates	1250	4730	207-264	1425-1820	3500	8	5	1
GMS1250-12SH	United Arab Emirates	1250	4730	219-279	1510-1925	3600	8	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)
GMS1250-30SM	United Arab Emirates	1250	4730	94-170	650-1170	2900	8	5	1
GMS1250-30SM	United Arab Emirates	1250	4730	98-177	675-1220	2960	8	5	1
GMS1250-36SM	United Arab Emirates	1250	4730	155-278	1070-1915	2900	8	5	1
GMS1250-36SM	United Arab Emirates	1250	4730	156-280	1075-1930	2910	8	5	1
GMS1250-15SH	United Arab Emirates	1250	4730	150-205	1035-1415	3500	8	5	1
GMS1250-15SH	United Arab Emirates	1250	4730	159-217	1095-1495	3600	8	5	1
GMS1500-30SM	United Arab Emirates	1500	5680	88-167	605-1150	2900	8	5	1
GMS1500-30SM	United Arab Emirates	1500	5680	92-174	635-1200	2900	8	5	1
GMS1500-36SM	United Arab Emirates	1500	5680	153-275	1055-1895	2900	8	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)
GMS1500-36SM	United Arab Emirates	1500	5680	154-277	1060-1910	2910	8	5	1
GMS1500-15SH	United Arab Emirates	1500	5680	149-206	1025-1420	3500	8	5	1
GMS1500-15SH	United Arab Emirates	1500	5680	158-218	1090-1505	3600	8	5	1
GMS2000-15SH	United Arab Emirates	2000	7570	145-203	1000-1400	3500	8	5	1
GMS2000-15SH	United Arab Emirates	2000	7570	154-215	1060-1480	3600	8	5	1
GMS 450-37SM-2G	United Arab Emirates	450	1705	220-293	1515-2020	2900	6	4	1
GMS 500-37SM-2G	United Arab Emirates	500	1895	216-296	1490-2040	2900	6	4	1
GMS 750-37SM-2G	United Arab Emirates	750	2840	202-276	1395-1905	2900	6	4	1
GMS 450-37SM-2G	United Arab Emirates	450	1705	236-315	1625-2170	3000	6	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)
GMS 500-37SM-2G	United Arab Emirates	500	1895	233-314	1605-2165	3000	6	4	1
GMS 750-37SM-2G	United Arab Emirates	750	2840	218-298	1505-2055	3000	6	4	1
GMS 1000-36SM-2G	United Arab Emirates	1000	3785	180-290	1240-2000	2900	8	5	1
GMS 1250-36SM-2G	United Arab Emirates	1250	4730	171-281	1180-1935	2900	8	5	1
GMS 1000-36SM-2G	United Arab Emirates	1000	3785	194-310	1340-2135	3000	8	5	1
GMS 1250-36SM-2G	United Arab Emirates	1250	4730	184-302	1270-2080	3000	8	5	1
GMS 1250-29SM-2G	United Arab Emirates	1250	4730	95-156	655-1075	2900	8	6	1
GMS 1500-29SM-2G	United Arab Emirates	1500	5680	100-155	690-1070	2900	8	6	1
GMS 2000-29SM-2G	United Arab Emirates	2000	7570	95-152	655-1050	2900	8	6	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)
GMS 2500-29SM-2G	United Arab Emirates	2500	9465	89-145	615-1000	2900	8	6	1
GMS 1250-29SM-2G	United Arab Emirates	1250	4730	103-167	710-1150	3000	8	6	1
GMS 1500-29SM-2G	United Arab Emirates	1500	5680	106-167	730-1150	3000	8	6	1
GMS 2000-29SM-2G	United Arab Emirates	2000	7570	103-163	710-1125	3000	8	6	1
GMS 2500-29SM-2G	United Arab Emirates	2500	9465	96-156	660-1075	3000	8	6	1
GMS 1500-61SL6-2G	United Arab Emirates	1500	5680	143-168	985-1160	1760	12	10	1
GMS 2000-61SL6-2G	United Arab Emirates	2000	7570	136-166	940-1145	1760	12	10	1
GMS 2500-61SL6-2G	United Arab Emirates	2500	9465	133-163	915-1125	1760	12	10	1
GMS 3000-61SL6-2G	United Arab Emirates	3000	11,355	125-156	860-1075	1760	12	10	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)
GMS 3500-61SL6-2G	United Arab Emirates	3500	13,250	120-148	825-1020	1760	12	10	1
GMS 1500-61SL6-2G	United Arab Emirates	1500	5680	149-176	1025-1215	1800	12	10	1
GMS 2000-61SL6-2G	United Arab Emirates	2000	7570	143-173	985-1195	1800	12	10	1
GMS 2500-61SL6-2G	United Arab Emirates	2500	9465	139-170	960-1170	1800	12	10	1
GMS 3000-61SL6-2G	United Arab Emirates	3000	11,355	132-164	910-1130	1800	12	10	1
GMS 3500-61SL6-2G	United Arab Emirates	3500	13,250	126-156	870-1075	1800	12	10	1
GMS 1500-61SL5-2G	United Arab Emirates	1500	5680	99-164	685-1130	1480	12	10	1
GMS 2000-61SL5-2G	United Arab Emirates	2000	7570	94-162	650-1115	1480	12	10	1
GMS 2500-61SL5-2G	United Arab Emirates	2500	9465	90-158	620-1090	1480	12	10	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)
GMS 3000-61SL5-2G	United Arab Emirates	3000	11,355	105-153	725-1055	1480	12	10	1
GMS 3500-61SL5-2G	United Arab Emirates	3500	13,250	114-144	785-995	1480	12	10	1
GMS 1500-61SL5-2G	United Arab Emirates	1500	5680	102-168	705-1160	1500	12	10	1
GMS 2000-61SL5-2G	United Arab Emirates	2000	7570	97-166	670-1145	1500	12	10	1
GMS 2500-61SL5-2G	United Arab Emirates	2500	9465	93-162	640-1145	1500	12	10	1
GMS 3000-61SL5-2G	United Arab Emirates	3000	11,355	108-157	745-1080	1500	12	10	1
GMS 3500-61SL5-2G	United Arab Emirates	3500	13,250	118-148	815-1020	1500	12	10	1



Member of the FM Global Group