



Product Description

The SCM2 series are with two back to back impellers, it is use for high head values but is hard to reach with single impeller centrifugal pump. Suitable for civil and industrial uses to pump clean water and chemically non non-aggressive liquid. Particularly to be used for increasing the supply pressure, feeding boilers and loading extremely. These pumps should be installed in a covered area, protected against the weather.

Application

- Hose Reel Pump
- Jockey Pump

Pump Technical

- Cast Iron Casing
- Bronze Impeller
- AISI 304 Shaft

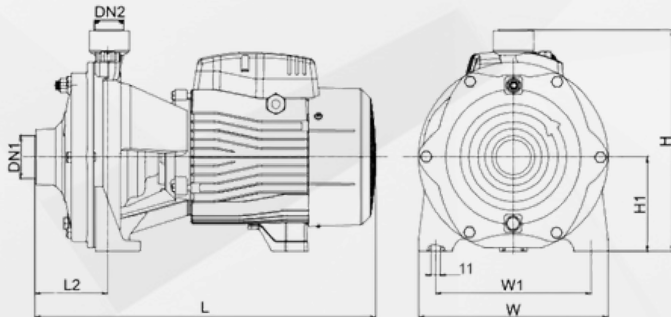
Motor Technical

- TEFC
- Insulation Class: F
- Protection Class: IP55
- Electrical characteristics: 415V/50HZ/3PH

Certification & Tested

- MS 2616 - 2015
- SIRIM

Dimension

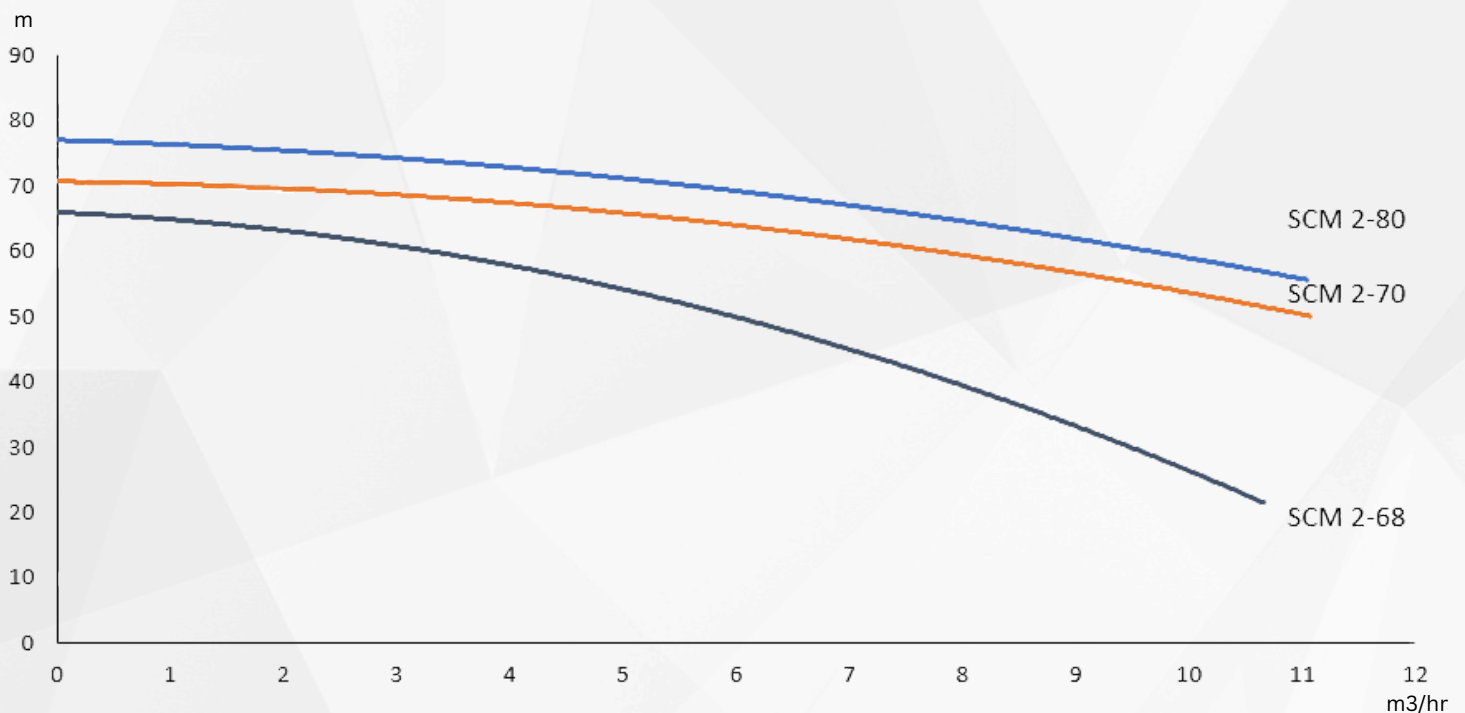


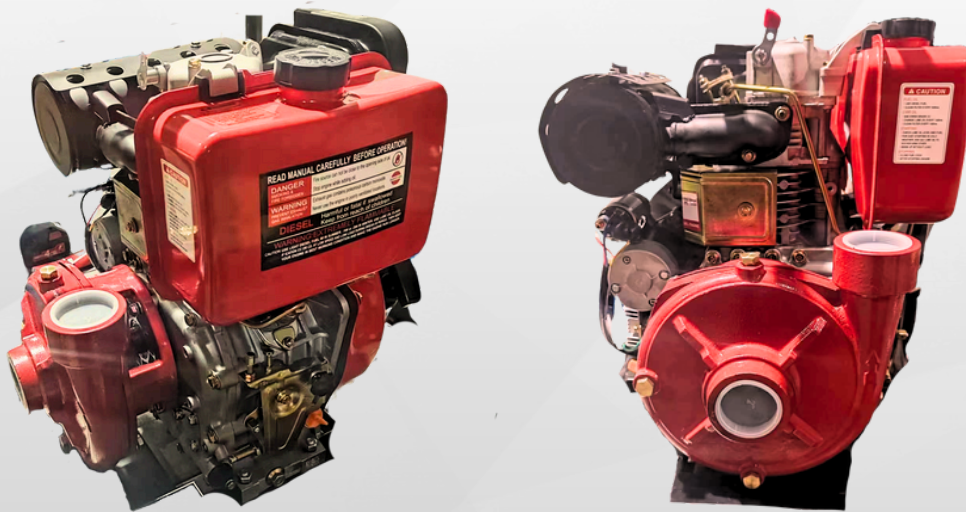
Model	DN 1	DN 2	L	L1	H	H1	W	W1
SCM 2-68	40	25	400	80	262	112	225	185
SCM 2-70		32	480	63	311	132	281	234
SCM 2-80								

Technical Data

Pump Model	Power		Speed	Q		H	
	kW	HP	rpm	m3/hr	igpm	m	ft
SCM 2-68	2.2	3.0	2850	8.17	30	38.0	124.68
SCM 2-70	3.0	4.0				56.0	183.74
SCM 2-80	4.0	5.5				63.5	208.34

Performance Curve





Product Description

MAX series is a cast iron centrifugal pump couple with diesel engine. The pump is designed for fire fighting standby pump, irrigation and water supply application.

Application

- Hose Reel Pump
- Jockey Pump
- Irrigation

Pump Technical

- Cast Iron Casing
- Bronze Impeller
- AISI 304 Shaft

Diesel Engine Technical

- Single-cylinder, air cooled diesel
- Engine Speed (rpm): 3000~3600
- Direct injection combustion system
- Electric Starter

Certification & Tested

- MS 2616 - 2015
- SIRIM

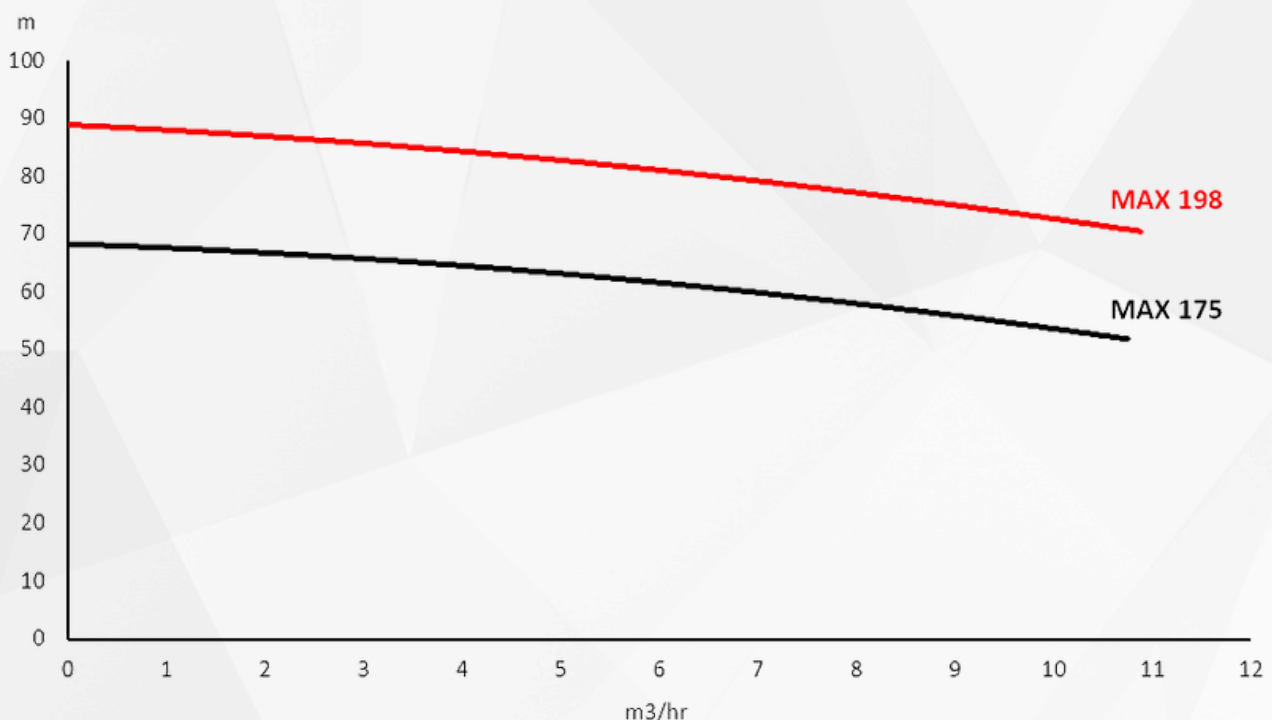
Pump Technical Data

Model	Power (3600 rpm)		Speed	Q		H		Dis./Suc. Dia.
	kW	HP	rpm	m3/hr	igpm	m	ft	
MAX 175	4.5	6.0	3600	8.17	30	55	180	2" (Female thread)
MAX 198	7.5	10.0				75	246	

Driver Technical Data

Model	170	178F	186F	188	190	198
Type	Air Cooled, 4-Stroke, Single Cylinder					
Bore x Stroke	70x55	78x62	86x70	88x75	92x75	98x82
Displacement (ml)	0.211	0.296	0.406	0.456	0.498	0.618
Combustion System	Direct Injection					
Rated output (kw/hp) 3000 rpm	2.8/3.8	3.68/5.00	5.7/7.7	7.5/10.2	7.8/10.5	9.0/12.0
Max. output (kw/hp) 3600 rpm	3.3/4.5	4.5/6.0	7.5/10.0	7.8/10	8.3/11.2	9.3/12.9
Direction of Rotation	Counter Clockwise as veiwed from P.T.O shaft side					
Lubricant Oil Capacity (L)	0.75	1.10	1.65	1.65	1.65	2.00
Net Weight (kg)	26	35	48	49	52	56

Performance Curve





Jabatan Bomba dan Penyelamat Malaysia

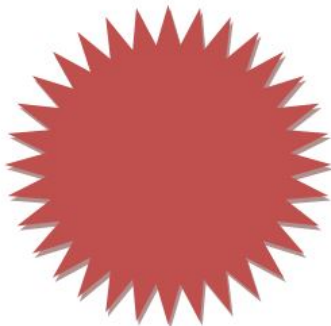
SIJIL PEPASANGAN KESELAMATAN KEBAKARAN

Pam Sistem Menentang Kebakaran / Fire Fighting Pump System
MS 2616 - 2015 - Fixed Fire Fighting Systems - Fire Pumps

Dengan ini diperakui
PUMPFIELD CORPORATION SDN. BHD.
(SCM 2-68, SCM 2-70, SCM 2-80)

Beroperasi di
21 & 23, JALAN USJ 1/31, TAMAN SUBANG PERMAI,
47600 SUBANG JAYA, SELANGOR

TELAH BERDAFTAR
TEMPOH SAH PERAKUAN : 06/09/2024 HINGGA 05/09/2026



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Ketua Pengarah
Jabatan Bomba dan Penyelamat Malaysia

****Peringatan:**

Sila patuhi sepenuhnya syarat-syarat dan had kegunaan seperti dalam Lampiran A1

(Sijil ini adalah cetakan berkomputer dan tidak memerlukan tandatangan)

No. Fail: **JBPM.IP.RNP:700-7/2/1/28-206**

No. Siri: **2024/S23/12/FFFP**

Jenis Alat Kelengkapan	: PAM SISTEM MENENTANG KEBAKARAN / FIRE FIGHTING PUMP SYSTEM
Jenama & Spesifikasi	: Brand: CALGONPUMP Model: SCM 2-68, SCM 2-70, SCM 2-80 Type: HOSE REEL PUMPSET
Pumpset Specification	: Pumpset Type : Fire Fighting System : Pump : Horizontal Multistage Motor : Electrical Motor
Nama & Alamat Pengeluar	: CHANGZHOU EISHIN MECHANICAL & ELECTRICAL CO., LTD.
No. Laporan Ujian/Tarikh	: 2024MA0878-A1 13/08/2024
Jenis Skim Pensijilan Barangan	: TIADA
No. Skim Pensijilan Barangan	: TIADA
Tempoh Sah Laku	: TIADA
Ulasan Pegawai Proses	:
Ulasan Mesyuarat	:
Had Kegunaan	: PEMASANGAN HENDAKLAH MEMATUHI SPESIFIKASI SEPERTIMANA DALAM LAPORAN UJIAN DAN UBBL 1984 SERTA PERLU MEMATUHI SYARAT-SYARAT TAMBAHAN SEPerti DI LAMPIRAN A2 & A3.

Tempoh sah perakuan: **06/09/2024 hingga 05/09/2026**



Jabatan Bomba dan Penyelamat Malaysia

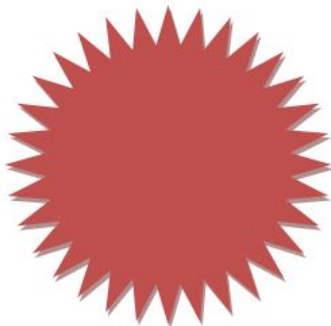
SIJIL PEPASANGAN KESELAMATAN KEBAKARAN

Pam Sistem Menentang Kebakaran / Fire Fighting Pump System
MS 2616 - 2015 - Fixed Fire Fighting Systems - Fire Pumps

Dengan ini diperakui
PUMPFIELD CORPORATION SDN. BHD.
(MAX 175, MAX 198)

Beroperasi di
21 & 23, JALAN USJ 1/31, TAMAN SUBANG PERMAI,
47600 SUBANG JAYA, SELANGOR

TELAH BERDAFTAR
TEMPOH SAH PERAKUAN : 06/09/2024 HINGGA 05/09/2026



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Ketua Pengarah
Jabatan Bomba dan Penyelamat Malaysia

****Peringatan:**

Sila patuhi sepenuhnya syarat-syarat dan had kegunaan seperti dalam Lampiran A1

(Sijil ini adalah cetakan berkomputer dan tidak memerlukan tandatangan)

No. Fail: **JBPM.IP.RNP:700-7/2/1/28-203**

No. Siri: **2024/S23/11/FFFP**

Jenis Alat Kelengkapan	: PAM SISTEM MENENTANG KEBAKARAN / FIRE FIGHTING PUMP SYSTEM
Jenama & Spesifikasi	: Brand: CALGONPUMP Model: MAX 175, MAX 198 Type: HOSE REEL PUMPSET
Pumpset Specification	: Pumpset Type : Fire Fighting System : Pump : Closed Coupled Motor : Diesel Engine
Nama & Alamat Pengeluar	: CHANGZHOU EISHIN MECHANICAL & ELECTRICAL CO., LTD.
No. Laporan Ujian/Tarikh	: 2024MA0878 29/07/2024
Jenis Skim Pensijilan Barangan	: TIADA
No. Skim Pensijilan Barangan	: TIADA
Tempoh Sah Laku	: TIADA
Ulasan Pegawai Proses	: FF PUMPSET (MS)
Ulasan Mesyuarat	: LULUS FF PUMPSET (MS)
Had Kegunaan	: PEMASANGAN HENDAKLAH MEMATUHI SPESIFIKASI SEPERTIMANA DALAM LAPORAN UJIAN DAN UBBL 1984 SERTA PERLU MEMATUHI SYARAT-SYARAT TAMBAHAN SEPerti DI LAMPIRAN A2 & A3.

Tempoh sah perakuan: **06/09/2024 hingga 05/09/2026**