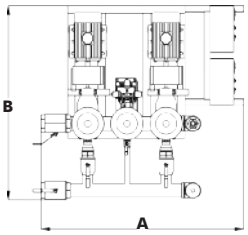
NEW PRODUCT

DAYLIFF

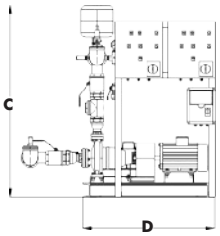
FLM
Motor Fire Set





TOP VIEW

	A	B	C	D
FLE 10/20/40	1500	1500	1600	1150
FLE60	1600	1650	1700	1150



SIDE VIEW

	A	B	C	D
FLE 100	1650	1750	1750	1250
>FLE120	1750	1850	1850	1400

DAYLIFF FLM Fire Sets are free release packaged fire pumping solutions specially designed to provide automatic water supply to multiple hose reel or sprinkler outlets for firefighting installations. These units integrate electrically driven main pumps and a jockey pump that continuously maintains system pressure, ensuring immediate response in the event of fire. Designed for serviceability these fire sets with electric prime movers are ideal for facilities with stable backup power with installations connected directly to dedicated distribution boards that ensure uninterrupted power supply.

Particular features include:-

- Individual electric motor powered pump sets providing water supply through cascade operation.
- Separate automatic jockey pump to maintain system pressure and regulate main pump operation.
- Bellows type pressure switch controlled operation providing progressive jockey pump and the main electric pumps starting at reducing cut-in pressures.
- Low maintenance diaphragm type pressure vessel to regulate the jockey pump cycling.
- Integral control panel providing automatic cascade operation of the supply pumps and incorporating electrical protection panels.
- Compact frame mounted design incorporating necessary valves and piping for simple site installation.

Systems are designed to give rated output of either about 5bar or 10bar and capacities up to 360m^3/hr with the pump sets operating in parallel.

Dayliff FLM Fire Sets combine quality components for optimal operational efficiency designed with Dayliff's unmatched pumping expertise to provide effective, reliable and easy to install firefighting solutions.

D&S DAVIS & SHIRTLIFF

SPECIFICATIONS

Supply Pumps: Dayliff DE end suction bareshaft centrifugal pumps featuring gland packing seal and heavy duty cast iron construction. DE pumps have bronze impellers and are selected to meet the design pressure and flow rates. Detailed performance curves are available on request.

Electric Motors: TEFC squirrel cage IE3 2900rpm electric motors suitably rated for the pump load or close coupled motor.

Jockey Pump: Horizontal or vertical multistage centrifugal pump fitted with electric motor. The pump is set to maintain system pressure thus avoiding cycling of the service pumps due to minor system leakages.

Pressure Vessel: Diaphragm type pressure vessel featuring polypropylene liner with special diaphragm and air valve design that eliminates leaks and the need for maintenance.

Piping: Suitably sized piping and fittings are provided for direct suction and delivery line connections including necessary isolating gate valves and non-return valves on the system outlet.

Control Panel: Independent panels for two electric fire pumps and the jockey pump. Main pumps feature star-delta starters with comprehensive motor protection, while the jockey pump automatically maintains system pressure.

Model	Nominal Flow (m^3/hr)		Medium Pressure 5Bar		Wt (kg)	Piping DIA(")	Model	Nominal Flow (m^3/hr)		High Pressure 10Bar		Wt (kg)	Piping DIA(")
	Parallel Duty	Single Duty	Pump	Motor (kW)				Parallel Duty	Single Duty	Pump	Motor (kW)		
FLM 10/5	10	5	DE 32-16/174	5.5	340	2.5	**FLM 10/10**	10	5	2CP 32/210A	7.5	260	2.5
FLM 20/5	20	10	DE 32-20/195	7.5	360	2.5	**FLM 20/10**	20	10	DE32-26/264	18.5	600	2.5
FLM 40/5	40	20	DE 32-20/205	7.5	400	3	**FLM 40/10**	40	20	DE40-32H/270	30	920	3
FLM 50/5	50	25	DE 32-20/214	11	500	4	**FLM 60/10**	60	30	DE40-32H/270	30	940	4
FLM 60/5	60	30	DE 40-20/205	15	500	4	**FLM 100/10**	100	50	DE 50-32H/270	37	1100	4
FLM 80/5	80	40	DE 50-20/205	15	540	4	**FLM 120/10**	120	60	DE50-32H/270	45	1120	6
FLM 100/5	100	50	DE 50-20/205	15	600	6	**FLM 140/10**	140	70	DE50-32H/290	55	1160	6
FLM 120/5	120	60	DE 50-20/214	18.5	640	6	**FLM 180/10**	180	90	DE65-32H/285	75	1320	6
FLM 140/5	140	70	DE 50-26/215	22	720	6	**FLM 200/10**	200	100	DE65-32H/290	22	720	6
FLM 180/5	180	90	DE 65-20/205	30	860	6	**FLM 240/10**	240	120	DE80-32H/285	90	1950	8
FLM 200/5	200	100	DE 65-20/205	30	840	8	**FLM 280/10**	280	140	DE80-32H/290	90	1950	8
FLM 240/5	240	120	DE 65-26/215	30	920	8	**FLM 320/10**	320	160	DE80-32H/300	90	2220	10
FLM 280/5	280	140	DE 80-26/205	37	1020	8	**FLM 360/10**	360	180	DE80-32H/300	90	2220	10
FLM 320/5	320	160	DE 80-20/205	45	1080	8							