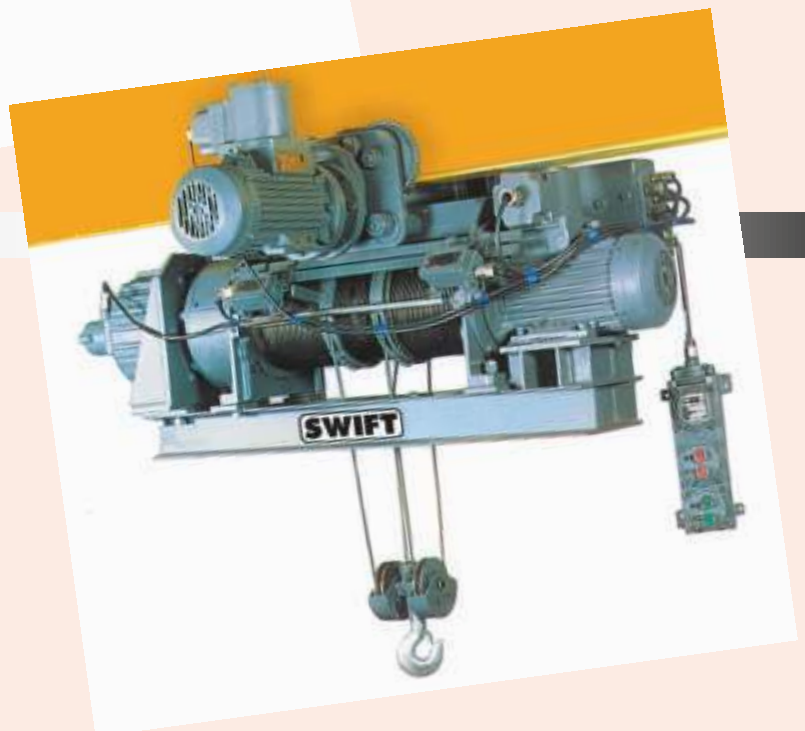
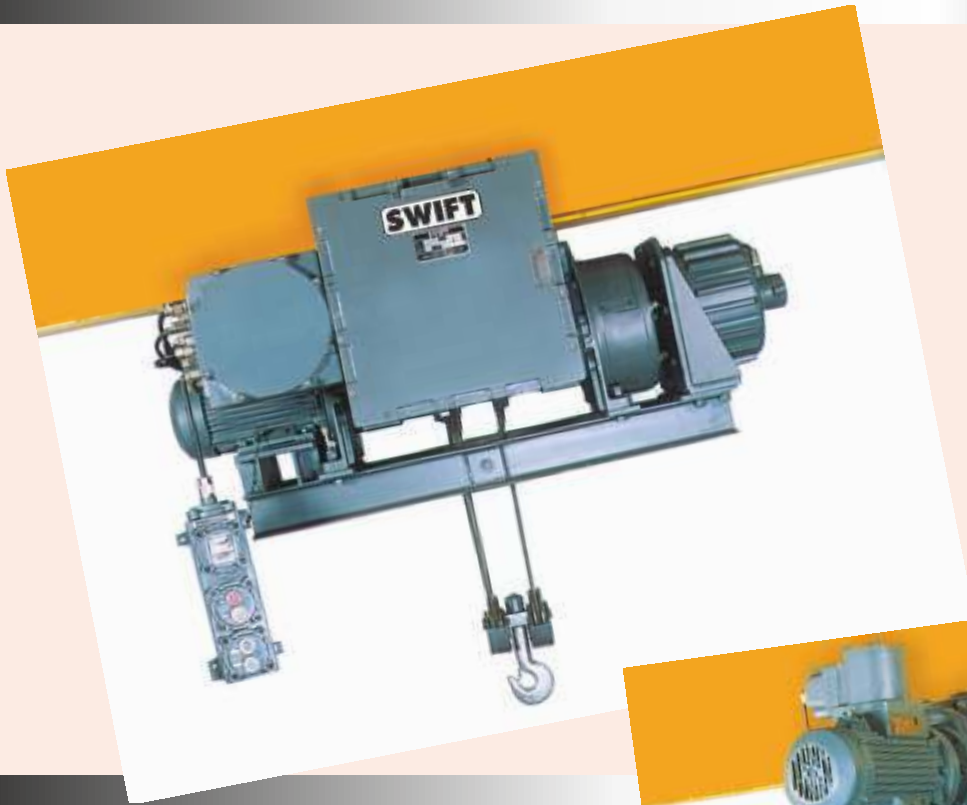


# SWIFT



## ELECTRIC WIRE ROPE **FLAMEPROOF** HOIST



Many plants work with materials whose air/gas mixtures are liable to explode with proximity to equipment prone to sparking. Such explosions endanger the lives and health of persons and cause material damage. To minimise the occurrence of catastrophe we recommend the use of our SWIFT Make Flame Proof Electrical Wire Rope Hoist for material handling in such areas.

**AN ISO 9001 COMPANY**

SWIFT was known originally as SWF India with technical collaboration of SWF, W. Germany



## ELECTRIC WIRE ROPE FLAMEPROOF HOIST

The flameproof components of SWIFT Electric Hoist are:

- **Hoist Motor**
- **Cross Travel Motor**
- **Brake (only for Hoist Motor)**
- **Control Panel**
- **Limit Switches**
- **Pendant Push Button**

Principal of Flame - Proof Enclosure: An enclosure for electrical machinery / switch gear that will withstand, when covers are properly secured, an internal explosion of the flammable gas or vapour which may enter or which may originate inside the enclosure without suffering damage & without communicating the internal explosion to the external flammable gas or vapour in which it is designed to be used, through any joints or other structural openings in the enclosure. All the above mentioned flame-proof components have been approved at Central Mining & Research station (CMRS), Dhanbad.

These are approved for Group I, II A and II B gases as per IS-2148.

Temperature class T3 as per IS-5571.

All other features like Gear box, rope drum, guide ring, wire rope and hook are similar to our standard electric wire hoist.

### Data to be furnished by customer :

- Load to be lifted in kgs.
- Maximum lift in metres.
- Foot mounted (Fixed suspension) hoist or Cross travel motion, manual, hand geared, motor (power) driven.
- Size of mono-rail & path (straight or curved) radius - M, if curved path
- Name of gas / vapour
- Ignition temperature of gas / vapour in °C.
- Traverse length in metres (Motor driven)
- Frequency of use : Approximately hours per day.

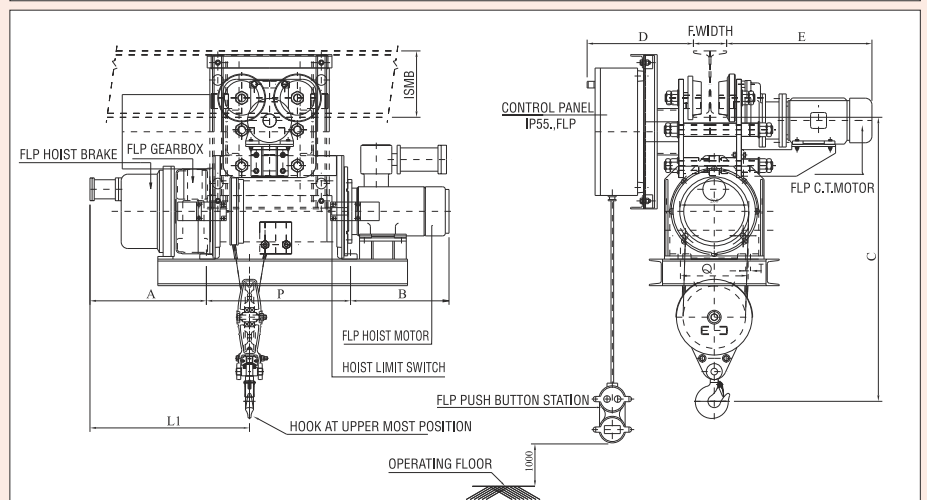
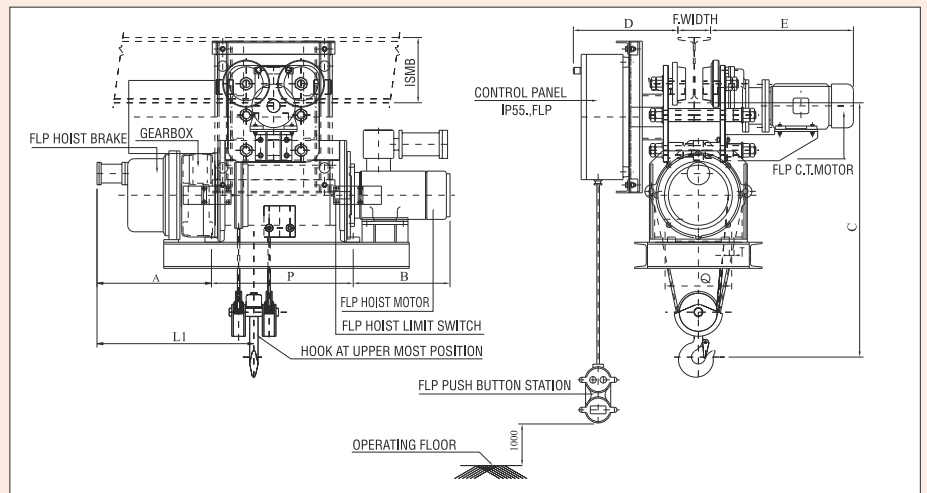
### Power Supply System : (Optional)

Power supply arrangement will have to be through trailing cable or cable trolleys running on an auxiliary girder.

For special requirements Please contact us with details.

TYPE	II	II	III	III	IV	III	V	IV	V	V
Model	102FLP	E204FLP	202FLP	E304FLP	302FLP	E504FLP	502FLP	E604FLP	E7504FLP	E1004FLP
Safe Working Load (Kg.)	1000	2000	2000	3000	3000	5000	5000	6000	7500	10000
Fails of Rope	2	4	2	4	2	4	2	4	4	4
Lift (Mtrs)	10	7.5	8.5	6.5	7	4.75	9.25	6	7.25	7.25
Hoisting Speed (m/min)	5.6	2.8	5	3.35	7	2.6	4.0	3.35	2.0	2.0
Hoist Motor (H.P.)	2.0	2.0	3.0	3.0	7.5	5.0	7.5	7.5	7.5	7.5
(R.P.M.)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
C.T. Speed (m/min)	13	11	11	11	11	12	12	12	12	12
C.T. Motor (H.P.)	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0
(R.P.M.)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Dimm "A"	450	450	490	490	515	515	540	515	540	540
"B"	360	360	380	380	450	380	430	450	430	430
"C"	1025	1025	1200	1275	1375	1275	1575	1525	1825	1825
"D"	500	500	525	525	560	525	575	560	575	575
"E"	475	475	475	475	485	500	500	500	500	500
"Q"	255	255	285	285	320	285	405	320	405	405
"P"	433	543	491	631	518	668	680	668	845	845
"L1"	570	610	660	695	715	820	760	830	860	860
"T"	18	18	24	24	32	24	34	32	34	34

Due to continuous improvement in design, the overall dimensions are subject to change without notice



ht11-1000 Green Graphics dhanokar@gmail.com Tel : 24574627



Manufactured by :

**CONSOLIDATED HOISTS PVT. LTD.**

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