

SWIFT



FLINT



Features

- Compact, lightweight hoist with 4/1 fall configuration designed for single-girder, box-type, electrically operated cranes.
- Squirrel-cage induction motor with fail-safe brake and helical-spur gearbox in oil bath for smooth, reliable hoisting.
- Moderate headroom monorail trolley suitable for flange width 180–350 mm with robust IP55 electrical panel and pendant control.
- Available in capacities from 1 t to 10 t with lift heights of 6 m, 9 m and 12 m.

Advantages

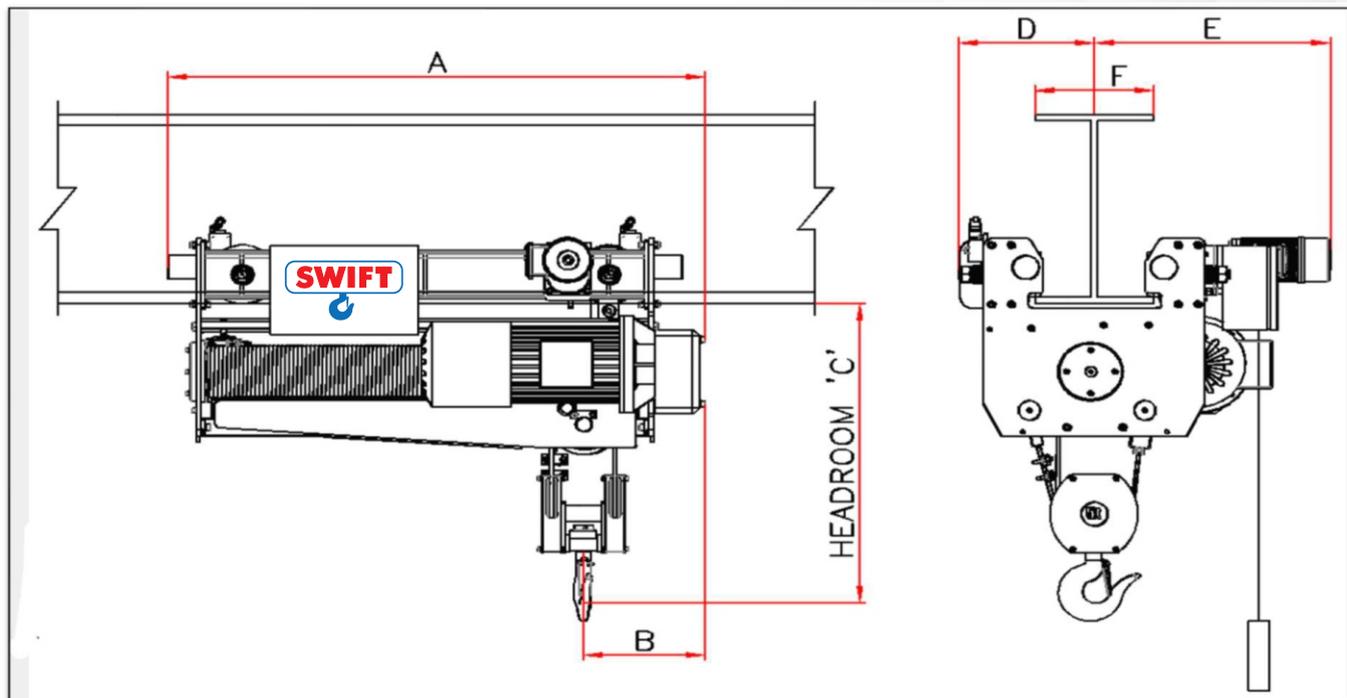
- Optimized drum and reeving design reduces headroom and side clearances, maximizing hook approach.
- Lightweight FEM-engineered structure lowers girder load and simplifies installation.
- Sealed bearings and oil-bath gears extend service life and reduce maintenance needs.
- Simple electromechanical overload device ensures safe operation at a lower cost.
- Tested to IS 3938 and FEM 9.511 standards with proof-load and functional trials for assured reliability.

Benefits

- Maximizes hook height within existing building envelope without need for structural modifications.
- Plug-and-play installation on single-girder cranes with balanced wheel loads and compact trolley fit.
- Enhances workplace safety with fail-safe brakes, overload cut-off, limit switches and electrical safeguards.
- Reduces downtime with longer rope and drum life, durable gearbox and low-maintenance components.
- Improves operator comfort with smooth travel motion, pendant or remote control and reliable end-stop contact.

FLINT WIRE ROPE HOIST

Safety First



Hoist Model	Capacity ton	SWL in ton & Design Duty Class				Reeving No. of Falls	Lifting Speed MPM	Hoist Motor kW	Head Room 'C' mm	Rope Dia. mm	Monorail Beam	
		FEM / ISO / IS	FEM / ISO / IS	FEM / ISO / IS	FEM / ISO / IS						Width Range mm 'F'	Thickness mm
		4 m / M 7 / Class IV	3 m / M 6 / Class III	2 m / M 5 / Class II	1 Am / M 4 / Class I							
FLINT-010-41-ET	1	0.5	0.75	1	1.25	4/1	5	1.1	850	8	180-350 20	
FLINT-020-41-ET	2	0.75	1	2	2.5	4/1	5	2.2	900	8	180-350 20	
FLINT-032-41-ET	3.2	2	2.5	3.2	4	4/1	5	3.7	900	8	180-350 20	
FLINT-040-41-ET	4	3	3.5	4	5	4/1	5	5.5	1000	10	180-350 20	
FLINT-050-41-ET	5	4	4.5	5	5.5	4/1	5	5.5	1000	10	180-350 20	
FLINT-100-41-ET	10	8	9	10	12.5	4/1	5	11	1400	13	180-350 20	

Cross Travel				Typical GA Dimensions					
Kw	MPM	Wheel Dia mm	No of wheels	Lift 6 m	Lift 9 m	Lift 12 m			
KW x number of motor				A	A	A	B	* D Max	E Max
0.18 x 1	17	140	4	985	1275	1575	380	600-700	700-800
0.18 x 1	17	140	4	985	1275	1575	380	600-700	700-800
0.37 x 1	17	140	4	1060	1290	1550	380	600-700	700-800
0.37 x 1	17	140	4	1100	1390	1690	380	600-700	700-800
0.37 x 1	17	140	4	1060	1290	1550	400	600-700	700-800
0.37 x 2	17	140	4	1200	1410	1620	600	600-700	700-800

CONSOLIDATED SWIFT INDUSTRIES LIMITED - A Bajaj Group Company

(Carrying Forward the SWIFT Brand from Consolidated Hoists Private Limited)



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