

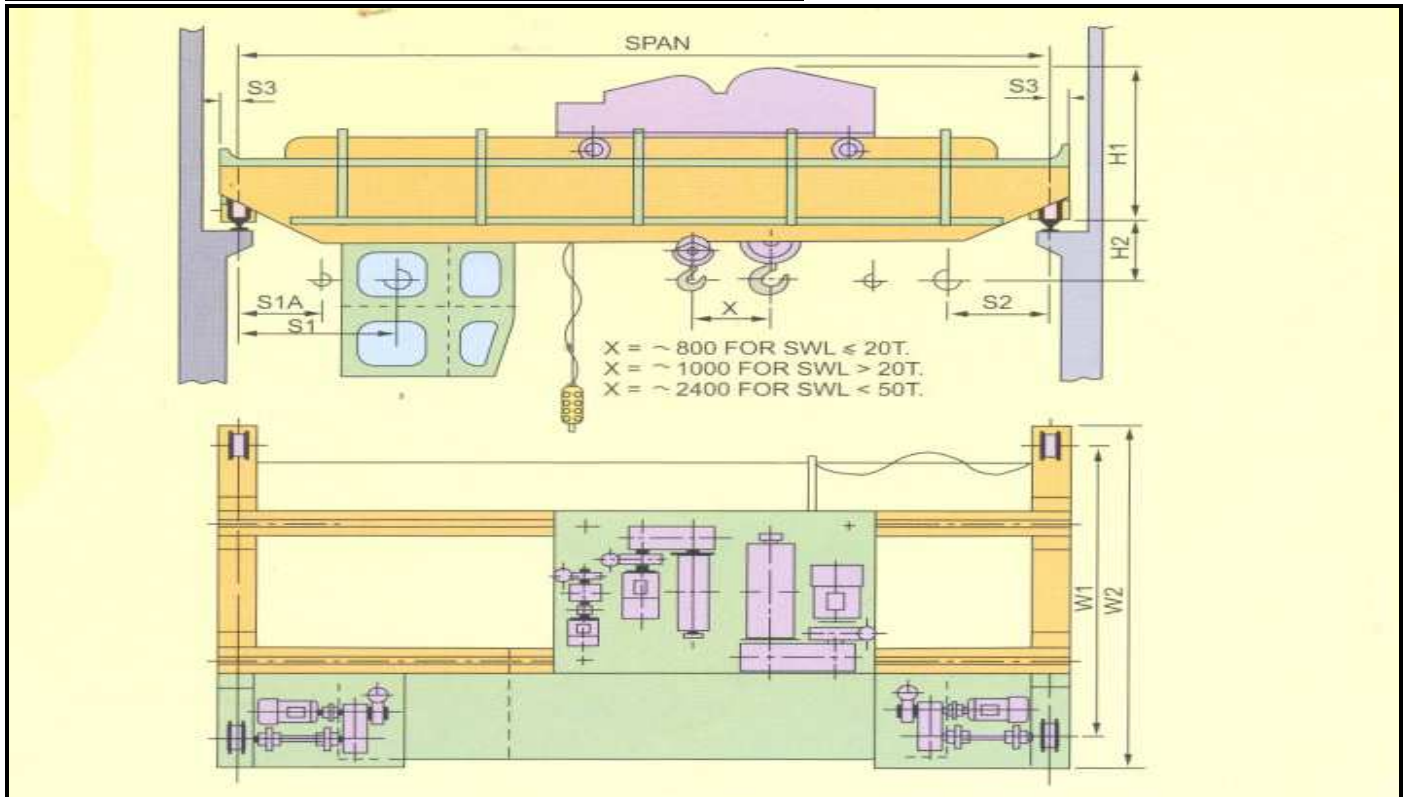
Krishna Crane Engineers

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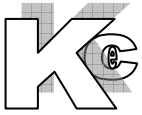
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DOUBLE GIRDER EOT CRANES



Leading Dimensions of DG EOT Cranes

SWL	Span	H1	H2	S1	S2	S3	W1	W2	Crn.Wt	W.Load	SWL	Span	H1	H2	S1	S2	S3	W1	W2	Crn.Wt	W.Load
MT	M	mm							MT	MT	MT	MT	M	mm							MT
05.00	08	1400	100	800	750	160	3000	3700	7.20	4.90	07.50	08	1600	100	850	800	165	3100	3900	8.25	6.60
	10	1450	200	800	750	160	3000	3700	8.40	5.25		10	1650	230	850	800	165	3100	3900	9.00	6.90
	12	1500	300	800	750	160	3000	3700	9.00	5.30		12	1650	230	850	800	165	3150	3950	9.50	7.00
	14	1500	300	800	750	160	3000	3800	9.60	5.35		14	1650	230	850	800	165	3200	4000	11.90	7.50
	16	1500	300	800	750	160	3200	4000	11.30	5.80		16	1700	300	850	800	165	3200	4000	13.60	7.90
	18	1500	330	800	750	160	3600	4400	12.50	6.20		18	1700	330	850	800	165	3600	4400	14.90	8.20
10.00	20	1500	370	800	750	160	4000	4800	13.80	6.50	20	1800	350	850	800	165	4000	4800	16.30	8.50	
	22	1500	450	800	750	160	4400	5200	15.20	6.80	22	1800	350	850	800	165	4400	5200	17.70	8.80	
	08	1600	170	1000	950	165	3200	4000	8.40	8.00	15.00	08	1900	150	1250	1100	180	3600	4500	10.00	11.20
	10	1700	230	1000	950	165	3200	4000	9.40	8.50		10	1900	150	1250	1100	180	3700	4600	12.40	11.70
	12	1750	250	1000	950	165	3400	4200	11.10	8.60		12	1900	300	1250	1100	180	3800	4600	12.50	11.75
	14	1750	250	1000	950	165	3400	4200	12.30	8.90		14	1900	300	1250	1100	180	3800	4600	13.60	12.00
16	1800	300	1000	950	165	3400	4200	14.00	9.30	16		1900	300	1250	1100	180	3800	4600	17.80	13.00	
18	1800	350	1000	950	165	3600	4400	15.20	9.60	18		1900	360	1250	1100	180	3800	4600	19.00	13.20	
20.00	20	1800	350	1000	950	165	4000	4800	18.80	10.50	20	2000	400	1250	1100	220	4000	5100	22.10	13.90	
	22	1800	400	1000	950	165	4400	5200	20.40	10.80	22	2000	400	1250	1100	220	4400	5500	26.00	14.90	
	10	2100	100	1200	1050	220	4050	5150	14.30	15.00	25.00	10	2200	220	1250	1200	220	4400	5500	14.90	18.00
	12	2100	220	1200	1050	220	4050	5150	15.50	15.30		12	2200	220	1250	1200	220	4600	5700	17.40	18.70
	14	2100	220	1200	1050	220	4200	5350	18.00	15.90		14	2200	270	1250	1200	220	4600	5700	19.80	19.20
	16	2100	270	1200	1050	220	4250	5350	19.70	16.20		16	2200	420	1250	1200	220	4400	5500	22.70	19.20
18	2100	420	1200	1050	220	4250	5350	22.10	16.80	18		2400	270	1250	1200	270	4500	5800	27.50	21.00	
20	2100	420	1200	1050	220	4250	5350	25.70	17.60	20		2400	320	1250	1200	270	4500	5800	28.70	21.30	
22	2100	470	1200	1050	220	4400	5500	28.40	18.30	22	2400	420	1250	1200	270	4500	5800	31.40	22.00		



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DOUBLE GIRDER EOT CRANES

Bridge Drive :-

- Single/Twin Drive with Squirrel Cage/Slip Ring Induction Motors, Through Totally Enclosed, Oil Immersed, Helical Gearboxes.
- All Single Drive Units, provided with amply proportioned Line Shafting, supported on Self Aligning Bearings, housed in Plummer Blocks.

Motors :-

- Foot Mounted, IEC, Frame Size, Crane Duty Motors for Hoisting / Auxiliary Hoisting, Cross Travel and Long Travel. Insulation Class for all motors B/F

Brakes :-

- Electro Hydraulic Thrustor for all motions. DC/AC EM brakes or additional brakes on request.

Crane Control :-

- From Floor through Pendant Push Buttons/ Open Cabin / Totally Enclosed Cabin / Radio Remote Control operating at 110/24 V. Electrical Switch Gears mounted inside dust proof Control Panels, with suitable access for maintenance.

Power Supply System :-

- To Hoist & Cross Travel through Trailing Cables. To Crane through Trailing Cable/M.S. Angle Iron Conductors / Shrouded G.I. / Copper Conductors to customer's choice.

Painting :-

- All exposed parts primed with Red-Oxide Zinc Chromate Primer and finished with Enamel Paint to customer's colour scheme.

Special Features :-

- Designs confirm to IS-807, IS-3177 BSS / DIN / FEM
- Optimum Design ensuring minimum Dead Weight, Wheel Loads, Head Rooms and Clearances, reducing building costs.
- Micro speed through planetary Gear Boxes OR through variable Frequency Drives (VFD) for all motions, if required.
- Forged Runner Wheels on Spherical Roller Bearings, resulting in long trouble free service.
- Hobbed and Run-in Heat Treated Gears from High Carbon & Alloy Steels for long trouble free service.
- Standardised Unit Sub-Assemblies used for complete range, ensuring possibility of spares supply from stocks.
- Wide range of Lifts, Hoisting, Cross & Long Travel Speeds to suit every operational requirement.
- Quick Deliveries and Prompt After Sales Service.
- Competitive Prices,
- Best Quality of Bought - Out Components provides excellent performance of Cranes.

Design :-

- Amply Proportioned Main Girder of Box Section, fabricated from tested quality IS-2062 plates, all butt welds 100% radiographed. Main Girder further stiffened with Long and Short diaphragms. End Carriages, either from rolled section or fabricated from plates.
- Well proportioned Rotating Axle Type Runner Wheels on "L" Type Bearing Housings.
- Rope Drum fabricated from IS-2062, stress relieved & long seams 100% Radiographed or from seamless pipes.

Other Products :-

- Electric Hoists, • SG EOT/US-SGEOT Cranes. • Steel Mill / Grabbibng Duty Cranes • Jib Cranes.
- Double Girder HOT/Goliath Cranes, • Grab Buckets • HOT Single Girder Cranes. • Electrical Winches.
- Flame Proof Crane and Hoists. • Consultancy for Material Handling.