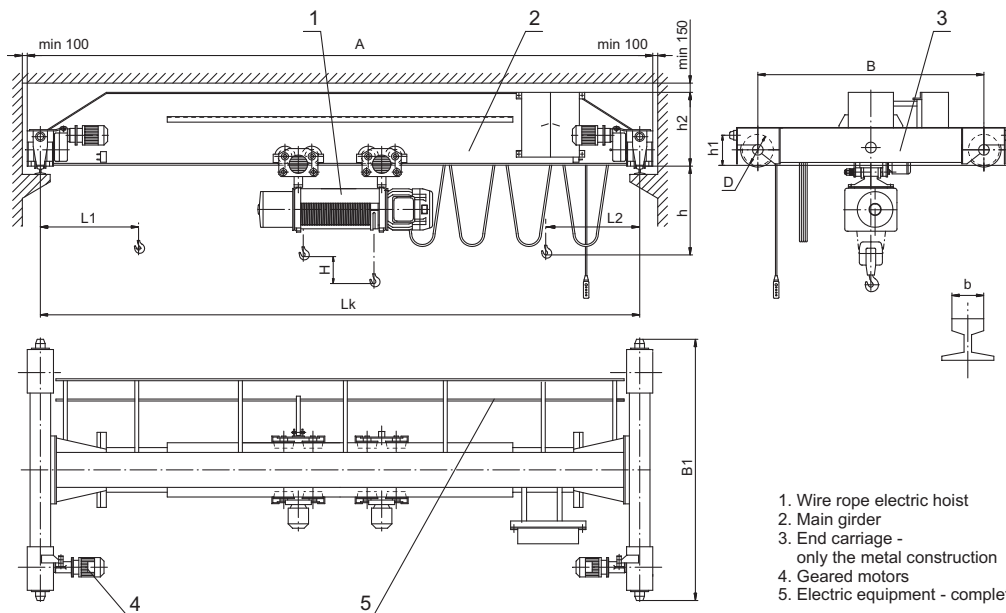


# SINGLE GIRDER STANDING OVERHEAD TRAVELING CRANES

## Main parameters and dimensions



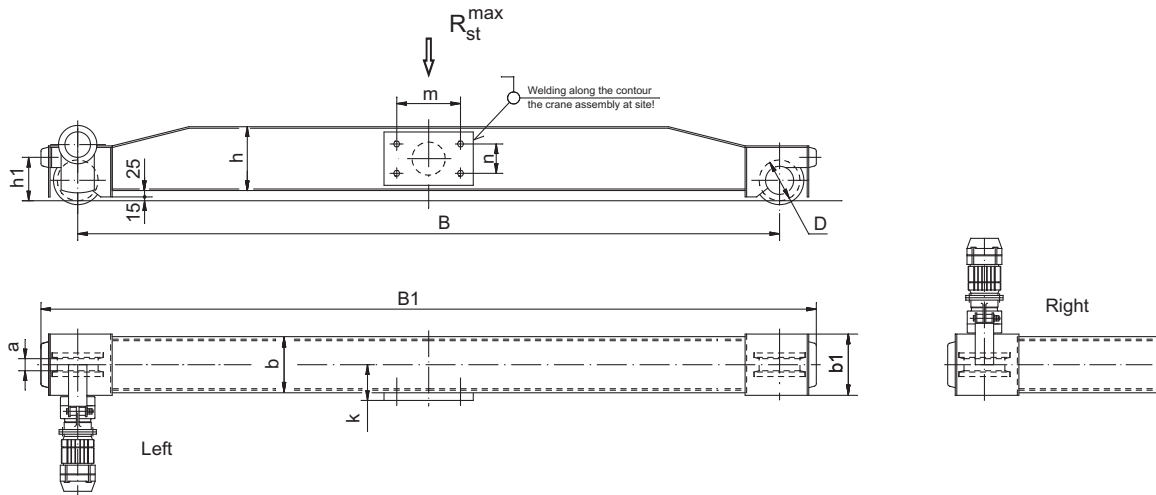
- 1. Wire rope electric hoist - 1 unit
- 2. Main girder - 1 unit
- 3. End carriage -  
only the metal construction - 2 unit
- 4. Geared motors - 2 unit
- 5. Electric equipment - complete - 1 unit

Designation	Capacity, Q	Span Lk	Lifting height H	Speeds			Dimensions								Rmax (Maximum pressure on travel wheel)
				of lift	of crab	of crane	A	B	B1	D	b	h	h1	h2	
-	t	m		m/min			mm								kN
BCE-B 5/10,5	5	10,5	7 ... 40	8 8/2	20 20/6	20/6	10780	2000	2340	160	40	1505	160	520	35
BCE-B 5/16,5		16,5					16780	3000	3340					675	38
BCE-B 5/22,5		22,5					22840	4000	4380					820	41
BCE-B 5/28,5		28,5					28840	4000	4380					1050	45
BCE-B 6,3/10,5	6,3	10,5	5 ... 18	4 4/1	20 20/6	20/6	10840	2000	2380	200	50	1275	200	615	42
BCE-B 6,3/16,5		16,5					16840	3000	3380					815	45
BCE-B 6,3/22,5		22,5					22840	4000	4380					970	48
BCE-B 6,3/28,5		28,5					28840	4000	4380					1050	53
BCE-B 8/10,5	8	10,5	7 ... 34	8 8/2	20 20/6	20/6	10840	2000	2380	200	50	1725	200	615	50
BCE-B 8/16,5		16,5					16840	3000	3500					815	54
BCE-B 8/22,5		22,5					22840	4000	4500					970	59
BCE-B 8/28,5		28,5					28840	4000	4500					1050	65
BCE-B 10/10,5	10	10,5	5 ... 20	4 4/1	20 20/6	20/6	10840	2000	2500	250	50	1580	250	675	63
BCE-B 10/16,5		16,5					16840	3000	3500					970	68
BCE-B 10/22,5		22,5					22870	4000	4500					980	75
BCE-B 10/28,5		28,5					28870	4000	4500					1110	80
BCE-B 12,5/10,5	12,5	10,5	8 ... 17	4 4/1	20 20/6	20/6	10840	2000	2500	250	50	1710	250	770	79
BCE-B 12,5/16,5		16,5					16840	3000	3500					970	82
BCE-B 12,5/22,5		22,5					22870	4000	4590					980	89
BCE-B 12,5/28,5		28,5					28870	4000	4590					1250	95

### Remarks:

\*) Sizes L1 and L2 depend on the hoist type and the lifting height

## End carriages



Designation	Capacity, Q	Span Lk	Speeds	Geared motor		Dimensions											Rst max
				Type	Output	D	B	B1	a	b	h	b1	h1	k	m	n	
-	t	m	m/min	-	kW	mm											kN
ECE-B 00	5	10,5	20/6	TP1200-35 T90S-12/4	0,18/0,55	160	2000	2340	55	240	280	240	160	150	600	140	79
ECE-B 01		3000				3340	330	190			80						
ECE-B 02		4000		4380		400	260	83									
ECE-B 03		4000		4380		420	280	112									
ECE-B 04	6,3	10,5	20/6	TP1250-46 T90S-12/4	0,18/0,55	200	2000	2380	65	270	280	270	200	165	600	140	87
ECE-B 05		3000					3380	330			190					92	
ECE-B 06		4000					4380	420			280					112	
ECE-B 07		4000					4380	420			280					112	
ECE-B 08	8	10,5	20/6	TP1250-46 T90S-12/4	0,18/0,55	200	2000	2380	65	300	300	270	200	165	600	190	110
ECE-B 09		3000					3500	400			180					117	
ECE-B 10		4000		4500			460	320			139						
ECE-B 11		4000		4500			460	320			139						
ECE-B 12	10	10,5	20/6	TP1250-54 T90S-12/4	0,18/0,55	250	2000	2500	65	320	400	324	250	190	600	260	131
ECE-B 13		3000					3500	460			320					140	
ECE-B 14		4000		4500			520	380			165						
ECE-B 15		4000		4500			520	380			165						
ECE-B 16	12,5	10,5	20/6	TP1315-54 T90L-12/4	0,25/0,75	250	2000	2500	65	320	400	324	250	180	600	260	166
ECE-B 17		3000					3500	460			320					172	
ECE-B 18		4000		4590			550	410			200						
ECE-B 19		4000		4590			550	410			200						

### Remarks:

\*)  $R_{st}^{max}$  - Maximum static loading (kN)

$$R_{st}^{max} \approx \left[ \frac{G_{crane}}{2} + (Q + G_{hoist}) \right] \cdot 1,10 \text{ (kN)}$$

Where:

$G_{crane}$  - crane dead weight (t);  
 $Q$  - crane rated capacity (t);  
 $G_{hoist}$  - el. hoist dead weight (t)