

Overhead Single Girder Bridge Crane

Technical Parameters

Cap (t)	1					2					3					5					10								
Control type	Floor/Cab.control					Floor/Cab.control					Floor/Cab.control					Floor/Cab.control					Floor/Cab.control								
	Travelling Mechanism																												
Travelling Speed(m/min)	20;30 / 45;75					20;30 / 45;75					20;30 / 45;75					20;30 / 45;75					20;30 / 45;75								
Reduction ratio	58.59,39.38 / 26.36,15.61					58.59,39.38 / 26.36,15.61					58.59,39.38 / 26.36,15.61					58.59,39.38 / 26.36,15.61					58.59,39.38 / 26.36,15.61								
Motor																													
Model	ZDY21-4/ZDR12-4					ZDY21-4/ZDR12-4					ZDY21-4/ZDR12-4					ZDY21-4/ZDR12-4					ZDY21-4/ZDR12-4								
N Power(Kw)	0.8/1.5					0.8/1.5					0.8/1.5					0.8/1.5					0.8/1.5								
Rotation speed(r/min)	1380					1380					1380					1380					1380								
	Lifting mechanism																												
Electric hoist model	CD1MD1					CD1MD1					CD1MD1					CD1MD1					CD1MD1								
lifting speed(m/min)	8/8.0					8/8.0					8/8.0					8/8.0					8/8.0								
lifting height(m)	6;9;12;18;24;30					6;9;12;18;24;30					6;9;12;18;24;30					6;9;12;18;24;30					6;9;12;18;24;30								
Travelling speed(m/min)	20;30					20;30					20;30					20;30					20;30								
Motor model	Conical squirrelcage rotor motor					Conical squirrelcage rotor motor					Conical squirrelcage rotor motor					Conical squirrelcage rotor motor					Conical squirrelcage rotor motor								
Group classification	A3-A5					A3-A5					A3-A5					A3-A5					A3-A5								
Power Supply	3Phase AC 50Hz 380V					3Phase AC 50Hz 380V					3Phase AC 50Hz 380V					3Phase AC 50Hz 380V					3Phase AC 50Hz 380V								
Wheel diameter(mm)	Ø270					Ø270					Ø270					Ø270					Ø270								
Recommended rail	P18,24,38,43					P18,24,38,43					P18,24,38,43					P18,24,38,43					P18,24,38,43								
span(m)	7.5-12	12-14	15-17	19.5	22.5	7.5-11	11-12	12-14	14-17	19.5	22.5	7.5-11	11-12	12-14	14-17	19.5	22.5	7.5-11	11-12	12-14	14-17	19.5	22.5	7.5-11	11-12	12-14	14-17	19.5	22.5
	Max.Wheelload																												
	Floor.Control(KN)					Cab.Control(KN)					Floor.Control(t)					Cab.Control(t)													
	8.8-10.1	10.1-10.7	10.7-11.7	13.0	14.3	1.7-14.0	14.0-14.6	14.6-15.6	16.9	18.2	1.51-1.91	1.91-2.16	2.16-2.54	2.95	3.56	1.91-2.31	2.31-2.56	2.56-2.94	3.53	3.96									
	13.8-15.2	15.2-15.6	16.6-16.3	16.3-17.6	19.3-21.2	17.7-19.1	19.1-19.5	19.5-20.2	20.2-21.6	23.2-15.1	1.60-1.91	1.91-2.08	2.08-2.33	2.33-2.83	3.47-4.19	2.00-2.31	2.31-2.48	2.48-2.73	2.73-2.23	3.87-4.59									
	19.3-20.8	20.8-21.3	21.3-22.1	21.3-23.6	25.8-28.4	3.2-24.7	24.7-25.2	25.2-26.1	26.1-27.5	29.7-32.4	1.75-2.12	2.12-2.28	2.28-2.55	2.55-3.09	3.92-4.95	2.15-2.52	2.52-2.68	2.68-2.95	2.95-3.49	4.32-5.35									
	29.9-31.9	31.9-32.6	32.6-33.7	33.6-33.7	38.2-40.5	33.8-35.8	35.8-36.6	36.6-37.6	37.6-39.3	42.1-44.4	2.04-2.47	2.47-2.68	2.68-3.00	3.00-3.57	4.64-5.49	50.0-54.3	54.3-55.4	55.4-57.5	57.5-59.5	62.4-66.7									
	50.0-54.3	54.3-55.4	55.4-57.5	57.2-59.5	62.4-66.7	53.1-57.5	57.5-58.6	58.6-60.4	60.4-62.7	65.9-70.7	3.00-3.62	3.62-3.87	3.87-4.40	4.40-5.11	6.04-7.71	3.40-4.02	4.02-4.27	4.27-4.80	4.80-5.51	6.45-8.13									
	Basic size(mm)																												
h1	555	600	700	800	500	600	700	900		650	700	800	1000	1000	700	800	900	1100	1200	900	1000	1100	1175	1300					
B	2512	3012	3512	-	2512	3012	3512	-		2512	3012	3512	-	-	2512	3012	3512	-	-	2512	3012	3512	-	-					
W	2000	2500s	3000	-	2000	2500	3000	-		2000	2500	3000	-	800	2000	2500	3000	-	800	2000	2500	3000	-	800					
L1	796	796	-	-	871.5	871.5	-	-		818.5	818.5	-	-	-	814.5	814.5	-	-	-	1230	1230	-	-	-					
L2	1574	1274	-	-	1292.5	1292.5	-	-		1441	1291	-	-	-	1460	1310	-	-	-	1830	1830	-	-	800					
h	810	860	870	-	1000	1050	1060	-		1150	1170	1185	1210	-	1380	1400	1415	1440	1485	1525	1545	1555	1555	1555					
H1	490	580	680	-	490	580	760	820		530	580	660	845	920	580	660	745	920	975	772	852	842	1017	1142					