Lifting Solutions Group
Axel Johnson International

Adjustable Spreader Beams PALR

Product information



The PALR adjustable spreader beam is designed for lifting loads with variable pick-up points while maintaining stable load distribution. Adjustable lower hook positions allow the beam to adapt to different load geometries, helping reduce the need for multiple dedicated lifting beams in industrial handling operations.

Best used for:

- Lifting loads with changing lifting point spacing in workshops, fabrication plants, and maintenance operations.
- Applications requiring adjustable hook positioning and balanced load handling.

Product benefits

- Adjustable hook suspension points with 100 mm pitch spacing.
- Articulated rotating hooks improve load alignment during lifting.
- Forged safety latches help secure lifting attachments.
- Tear-resistant lifting eye suitable for slings and wire ropes.
- No structural welds and FEM 5 classification support demanding industrial use.
- Delivered with user's and maintenance manual and EC certificate of compliance

... Read more

Material: Steel
Marking: According to standard, CE-mark
Finish: RAL 1028 yellow
Standard: EN 13155

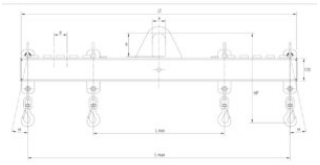
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Blueprint



Technical data

Part code	WLL ton	Length m	L max. mm	L min. mm	LT mm	HP mm	a mm	b mm	Weight kg
6205PALR1T105AC	1	1	1,000	500	1,100	393	60	80	26
6205PALR1T21AC	1	2	2,000	1,000	2,100	393	60	80	45
6205PALR1T31AC	1	3	3,000	1,000	3,100	423	60	80	76
6205PALR1T42AC	1	4	4,000	2,000	4,100	443	60	80	120
6205PALR1T53AC	1	5	5,000	3,000	5,100	443	60	80	147
6205PALR1T64AC	1	6	6,000	4,000	6,100	453	60	80	209
6205PALR1T75AC	1	7	-	-	-	-	-	-	282
6205PALR1T86AC	1	8	-	-	-	-	-	-	320
6205PALR2T105AC	2	1	1,000	500	1,100	438	80	120	31
6205PALR2T21AC	2	2	2,000	1,000	2,100	493	80	120	71
6205PALR2T31AC	2	3	3,000	1,000	3,100	493	80	120	118
6205PALR2T42AC	2	4	4,000	2,000	4,100	513	80	120	173
6205PALR2T53AC	2	5	5,000	3,000	5,100	533	80	120	244
6205PALR2T64AC	2	6	6,000	4,000	6,100	533	80	120	288
6205PALR2T75AC	2	7	-	-	-	-	-	-	374
6205PALR2T86AC	2	8	-	-	-	-	-	-	489
6205PALR3T105AC	3	1	1,000	500	1,150	552	100	180	40
6205PALR3T21AC	3	2	2,000	1,000	2,150	587	100	180	87
6205PALR3T31AC	3	3	3,000	1,000	3,150	607	100	180	140
6205PALR3T42AC	3	4	4,000	2,000	4,150	627	100	180	205
6205PALR3T53AC	3	5	5,000	3,000	5,150	647	100	180	284
6205PALR3T64AC	3	6	6,000	4,000	6,150	667	100	180	387

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6205PALR3T75AC	3	7	-	-	-	-	-	-	498
6205PALR3T86AC	3	8	-	-	-	-	-	-	564
6205PALR4T105AC	4	1	1,000	500	1,150	587	100	180	51
6205PALR4T21AC	4	2	2,000	1,000	2,150	607	100	180	105
6205PALR4T31AC	4	3	3,000	1,000	3,150	627	100	180	165
6205PALR4T42AC	4	4	4,000	2,000	4,150	667	100	180	274
6205PALR4T53AC	4	5	5,000	3,000	5,150	687	100	180	375
6205PALR4T64AC	4	6	6,000	4,000	6,150	687	100	180	440
6205PALR4T75AC	4	7	-	-	-	-	-	-	576
6205PALR4T86AC	4	8	-	-	-	-	-	-	785
6205PALR5T105AC	5	1	1,000	500	1,150	650	100	180	63
6205PALR5T21AC	5	2	2,000	1,000	2,150	690	100	180	125
6205PALR5T31AC	5	3	3,000	1,000	3,150	710	100	180	193
6205PALR5T42AC	5	4	4,000	2,000	4,150	750	100	180	313
6205PALR5T53AC	5	5	5,000	3,000	5,150	770	100	180	431
6205PALR5T64AC	5	6	6,000	4,000	6,150	770	100	180	508
6205PALR5T75AC	5	7	-	-	-	-	-	-	699
6205PALR5T86AC	5	8	-	-	-	-	-	-	791
6205PALR6T105AC	6	1	1,000	500	1,200	650	100	180	66
6205PALR6T21AC	6	2	2,000	1,000	2,200	690	100	180	129
6205PALR6T31AC	6	3	3,000	1,000	3,200	730	100	180	226
6205PALR6T42AC	6	4	4,000	2,000	4,200	750	100	180	318
6205PALR6T53AC	6	5	5,000	3,000	5,200	770	100	180	436
6205PALR6T64AC	6	6	6,000	4,000	6,200	810	100	180	618
6205PALR6T75AC	6	7	-	-	-	-	-	-	705
6205PALR6T86AC	6	8	-	-	-	-	-	-	1,047
6205PALR8T105AC	8	1	1,000	500	1,200	731	100	180	84
6205PALR8T21AC	8	2	2,000	1,000	2,200	781	100	180	177
6205PALR8T31AC	8	3	3,000	1,000	3,200	801	100	180	266
6205PALR8T42AC	8	4	4,000	2,000	4,200	861	100	180	448
6205PALR8T53AC	8	5	5,000	3,000	5,200	861	100	180	542

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6205PALR8T64AC	8	6	6,000	4,000	6,200	911	100	180	819
6205PALR8T75AC	8	7	-	-	-	-	-	-	938
6205PALR8T86AC	8	8	-	-	-	-	-	-	1,242
6205PALR10T105AC	10	1	1,000	500	1,200	763	100	180	105
6205PALR10T21AC	10	2	2,000	1,000	2,200	823	100	180	211
6205PALR10T31AC	10	3	3,000	1,000	3,200	843	100	180	313
6205PALR10T42AC	10	4	4,000	2,000	4,200	883	100	180	463
6205PALR10T53AC	10	5	5,000	3,000	5,200	933	100	180	717
6205PALR10T64AC	10	6	6,000	4,000	6,200	933	100	180	837
6205PALR10T75AC	10	7	-	-	-	-	-	-	1,109
6205PALR10T86AC	10	8	-	-	-	-	-	-	1,253

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