Lifting Solutions Group
Axel Johnson International

Sheave with Cylindrical Roller Bearings, Rigging

Product information



Self-lubricating cast sheaves are often applied in lifting, luffing and wire rope routing with intensive operating cycles. The groove opening angle was carefully designed to reduce potential twist resulting from fleet angles. In combination with the self-lubricating effect, the wire rope in your system will last longer. The latter was proved in recent research, in which several sheave materials where compared in terms of their effect on rope twist.

- Different shaft sizes possible.
- Groove may be adjusted to other wire rope diameters.

... *Read more*

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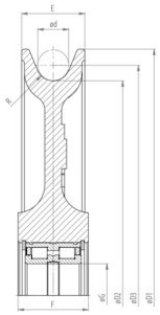
Blueprint



Technical data

Part code	Rope Ø range mm	Shaft Ø mm	Groove radius	Sheave dia. mm	øD2 mm mm	øG mm mm	R mm	øD1 mm	øD3 mm	E mm	F mm	Weight kg
140101100260	11	40	6	250/210	210	40	6	250	221	35	38	6.5
140101200261	12	30	6.5	150/120	120	30	6.5	150	132	36	40/34	3
140101200260	12	25	6.5	150/120	120	25	6.5	150	132	36	40/30	6.6
140101400260	14	30	7.5	200/165	165	30	7.5	200	179	36	40/34	4.5
140101600260	16	50	8.5	300/255	255	50	8.5	300	271	35	40	8.8
140101800261	18	40	9.8	250/210	210	40	9.8	250	228	34	38	6.1
140101800260	18	35	9.5	250/210	210	35	9.5	250	228	40	45/36	8
140101800263	18	40	9.5	250/210	210	40	9.5	250	228	40	45/36	8
140101800264	18	60	8.5	350/305	305	60	8.5	350	321	45	46	13.6
140101800265	18	120	9.5	400/345	345	120	9.5	400	363	50	54	21.6
140102000260	20	40	11	300/255	255	40	11	300	275	45	50/38	12
140102000261	20	80	11	450/390	390	80	11	450	410	60	60	31
140102200260	22	60	12	250/195	195	60	12	250	217	50	60	13
140102200261	22	45	12	350/305	305	45	12	350	327	45	50/40	17
140102200262	22	90	12	500/430	430	90	12	500	452	70	67	45
140102400260	24	65	13	300/250	250	65	13	300	274	55	60	13
140102400261	24	50	13	400/345	345	50	13	400	369	55	60/40	24
140102600260	26	75	14	350/305	305	75	14	350	331	70	70	23
140102800260	28	90	15	400/345	345	90	15	400	373	75	54	30
140102800261	28	55	15	450/390	390	55	15	450	418	60	70/46	48
140103000260	30	60	16	500/430	430	60	16	500	460	70	80/46	44
140103200260	32	100	17	450/390	390	100	17	450	422	75	85	38

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140103400260	34	70	18	550/480	480	70	18	550	514	70	80/54	55
140103600260	36	120	19.5	500/430	430	120	19.5	500	466	75	105	77
140103600261	36	80	19	600/520	520	80	19	600	556	85	105/60	80
140103900260	39	100	20.5	665/560	560	100	20.5	665	599	100	110	110
140104000260	40	120	21.5	550/480	480	120	21.5	550	520	80	105	95
140104000261	40	120	21.5	710/630	630	120	21.5	710	670	85	110/80	125
140104200260	42	150	22.5	810/710	710	150	22.5	810	752	98	100	190
140104400260	44	150	23.5	810/710	710	150	23.5	810	754	98	100	131
140104400261	44	160	23.5	920/800	800	160	23.5	920	844	100	109	215
140104800260	48	160	25.5	1030/920	920	160	25.5	1,030	968	130	150	380
140105200260	52	180	27.5	1160/1020	1,020	180	27.5	1,160	1,072	140	160	540

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