

## Sheave with Cylindrical Roller Bearings, Rigging

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### 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 were compared in terms of their effect on rope twist.

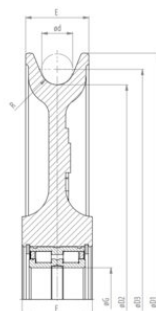
- Different shaft sizes possible.
- Groove may be adjusted to other wire rope diameters.

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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	Rmm mm	øD1 mm	øD3 mm	E mm	F mm	Weight kg
SEF.210.5008.6	11	40	6	250/210	210	40	6	250	221	35	38	6.5
SEF.120.5006.6,5A	12	30	6.5	150/120	120	30	6.5	150	132	36	40/34	3
SEF.120.5005.6,5	12	25	6.5	150/120	120	25	6.5	150	132	36	40/30	6.6
SEF.165.5006.7,5	14	30	7.5	200/165	165	30	7.5	200	179	36	40/34	4.5
SEF.255.5010.8,5	16	50	8.5	300/255	255	50	8.5	300	271	35	40	8.8
SEF.210.5008.9,8	18	40	9.8	250/210	210	40	9.8	250	228	34	38	6.1
SEF.210.5007.9,5	18	35	9.5	250/210	210	35	9.5	250	228	40	45/36	8
SEF.210.5008.9,5	18	40	9.5	250/210	210	40	9.5	250	228	40	45/36	8
SEF.305.5012.8,5	18	60	8.5	350/305	305	60	8.5	350	321	45	46	13.6
SEF.345.5014.9,5	18	120	9.5	400/345	345	120	9.5	400	363	50	54	21.6
SEF.255.5008.11	20	40	11	300/255	255	40	11	300	275	45	50/38	12
SEF.390.5016.11	20	80	11	450/390	390	80	11	450	410	60	60	31
SEF.195.5012.12	22	60	12	250/195	195	60	12	250	217	50	60	13
SEF.305.5009.12	22	45	12	350/305	305	45	12	350	327	45	50/40	17
SEF.430.5018.12	22	90	12	500/430	430	90	12	500	452	70	67	45
SEF.250.5013.13	24	65	13	300/250	250	65	13	300	274	55	60	13
SEF.345.5010.13	24	50	13	400/345	345	50	13	400	369	55	60/40	24
SEF.305.5015.14	26	75	14	350/305	305	75	14	350	331	70	70	23
SEF.345.5018.15	28	90	15	400/345	345	90	15	400	373	75	54	30
SEF.390.5011.15	28	55	15	450/390	390	55	15	450	418	60	70/46	48
SEF.430.5012.16	30	60	16	500/430	430	60	16	500	460	70	80/46	44
SEF.390.5020.17	32	100	17	450/390	390	100	17	450	422	75	85	38

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Part code	Rope Ø range mm	Shaft Ø mm	Groove radius	Sheave dia. mm	øD2 mm mm	øG mm mm	Rmm mm	øD1 mm	øD3 mm	E mm	F mm	Weight kg
SEF.480.5014.18	34	70	18	550/480	480	70	18	550	514	70	80/54	55
SEF.430.5024.19,5	36	120	19.5	500/430	430	120	19.5	500	466	75	105	77
SEF.520.5016.19	36	80	19	600/520	520	80	19	600	556	85	105/60	80
SEF.560.5020.20,5	39	100	20.5	665/560	560	100	20.5	665	599	100	110	110
SEF.480.5024.21,5	40	120	21.5	550/480	480	120	21.5	550	520	80	105	95
SEF.630.5024.21,5	40	120	21.5	710/630	630	120	21.5	710	670	85	110/80	125
SEF.710.5030.22,5	42	150	22.5	810/710	710	150	22.5	810	752	98	100	190
SEF.710.5030.23,5	44	150	23.5	810/710	710	150	23.5	810	754	98	100	131
SEF.800.5032.23,5	44	160	23.5	920/800	800	160	23.5	920	844	100	109	215
SEF.920.5032.25,5	48	160	25.5	1030/920	920	160	25.5	1,030	968	130	150	380
SEF.1020.5036.27,5	52	180	27.5	1160/1020	1,020	180	27.5	1,160	1,072	140	160	540