

Sheave with Bronze Bushing, 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 were compared in terms of their effect on rope twist.

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

Part code	Rope Ø range mm	Bearing	Material	Bearing	Ø D1 mm	Ø D2 mm	ØD3	ØG mm	E mm	F mm	R mm	Ø d mm	Weight kg
140100800221	8	Bronze bearing	GGG-60	Bronze	100	80	88	15	18	20	4.5	8	0.6
140101000221	10	Bronze bearing	GGG-60	Bronze	125	105	115	22	23	27	5.5	10	1.5
140101200221	12	Bronze bearing	GGG-60	Bronze	150	120	132	30	36	40	6.5	12	3
140101400221	14	Bronze bearing	GGG-60	Bronze	200	165	179	30	36	40	7.5	14	4.5
140101800221	18	Bronze bearing	GGG-60	Bronze	250	210	228	35	40	45	9.5	18	8
140102000221	20	Bronze bearing	GGG-60	Bronze	300	255	275	40	45	50	11	20	12
140102200221	22	Bronze bearing	GGG-70	Bronze	350	305	327	45	45	50	12	22	17
140102400221	24	Bronze bearing	GGG-70	Bronze	400	345	369	50	55	60	13	24	24
140102800221	28	Bronze bearing	GGG-70	Bronze	450	390	418	55	60	70	15	28	36
140103000221	30	Bronze bearing	GGG-70	Bronze	500	430	460	60	70	80	16	30	44
140103400221	34	Bronze bearing	GGG-70	Bronze	550	480	514	70	70	80	18	34	55
140103600221	36	Bronze bearing	GGG-70	Bronze	600	520	557	80	85	105	19.5	37	80
140103900221	39	Bronze bearing	GGG-70	Bronze	665	560	599	100	100	110	20.5	39	110
140104000221	40	Bronze bearing	GGG-70	Bronze	710	630	670	120	85	110	21.5	40	125
140104100221	41	Bronze bearing	GS20Mn5	Bronze	1,030	920	961	160	130	150	22	41	380
140104400221	44	Bronze bearing	GGG-60	Bronze	810	710	754	150	98	130	23.5	44	170
140104400222	44	Bronze bearing	GGG-60	Bronze	920	800	844	150	130	150	22	44	270
140104600221	46	Bronze bearing	GS30Mn5	Bronze	1,160	1,020	1,066	180	140	160	24.5	46	540

Blueprint

