

Superyacht Anchoring Equipment - Selection Chart

	Winch size	Max chain size[mm]		Drive	Power		Current (AC) @400 V 50Hz		Continuous pull		Maximum pull		Line speed		Weight		Recommended flow		Maximum flow		Maximum Pressure	
		Short link	Stud link		[W]	[HP]	Full load [A]	Start DOL [A]	[kg]	[lb]	[kg]	[lb]	[m/min]	[ft/min]	[kg]	[lb]	[l/min]	[US gal/min]	[l/min]	[US gal/min]	[bar]	[psi]
Capstan	1500	N/A	N/A	DC	1200	1.6					680	1500	18	59	37	81						
Capstan	2200	N/A	N/A	DC	1200	1.6					1000	2200	Refer	Graph	32	70						
				Hyd						1000	2200	1000	2200	12	38	31	68	36	9.5	55	14	135 1958
Capstan	2500	N/A	N/A	DC	1500	2				1136	2500	1136	2500	Refer	Graph	41	90					
Capstan	3000	N/A	N/A	AC	2200	2.9	4.7	30	534	1154	1364	3000	13	43	76	167						
Capstan	3500	N/A	N/A	DC	1200	1.6					1591	3500	Refer	Graph	39	86						
				Hyd						1591	3500	1591	3500	12	39	33	73	40	11	48	13	138 2000
Windlass	4000	14mm	12.5 (VW only)	DC	2000	2.7			533	1173	1818	4000	Refer	Graph	65	143						
Capstan				AC	3000	4.1	6.2	41	715	1573	1818	4000	13	43	100	220						
				Hyd					1818	4000	1818	4000	14	46	50	110	50	13.2	61	17.7	105	1500
Windlass	4500	16mm	14mm	AC 90°	4000	5.5	8.2	55	1386	3054	2045	4500	14	46	165	363						
				Hyd					2045	4500	2045	4500	14	46	140	308	44	11.6	88	23.2	140	2030
Windlass	6000	19mm	16mm	DC	3500	4.8			680	1496	2721	6000	Refer	Graph	195	429						
Capstan				AC 90°	4000	5.5	8.2	55	1286	2829	2721	6000	13	43	247	544						
				Hyd					2721	6000	2721	6000	14	46	166	365	48	12.7	88	23.2	170	2470
Horizontal				Hyd high					2721	6000	2721	6000	14	46	248	546	26	6.8	30	8	226	3300
Windlass	8000	19mm	19mm	AC	5500	7.5	12	64	2000	4409	4050	8928	12.5	41	270	596						
Capstan				AC 90°	5500	7.5	12	64	2000	4409	4050	8928	12.5	41	313	689						
				Hyd low					3635	8002	3635	8002	13	42	280	616	31	8	109	29	198	2871
				Hyd high					3635	8002	3635	8002	13	42	253	557	58	15	76	20	128	1856
Windlass	11000	19mm	19mm	AC	7500	10	15.4	106	2654	5839	5320	11704	13	42	342	752						
Capstan				AC 90°	7500	10	15.4	106	2654	5839	5320	11704	13	42	372	818						
				Hyd low					5000	11000	5000	11000	13	42	280	616	31	8	109	29	277	4017
				Hyd high					5000	11000	5000	11000	13	42	253	557	58	15	76	20	173	2509
Windlass	SY22	22mm	22mm	AC	7500	10.2	15.4	106	2654	5839	5320	11704	15	49	355	781						
				AC 90°	7500	10.2	15.4	106	2654	5839	5320	11704	15	49	398	876						
				Hyd low					5000	11000	5000	11000	13	42	367	808	31	8	109	29	277	4017
				Hyd high					5000	11000	5000	11000	13	42	338	745	58	15	76	20	173	2509
Windlass	SY26	26mm	26mm	AC	11000	15	24.5	159	3582	7880	7950	17490	16	53	645	1419						
Capstan				AC 90°	11000	15	24.5	159	3820	8404	8450	18590	14	47	665	1463						
				Hyd					6820	15004	6820	15004	15	49	587	1291	55	15	198	52	227	3290
				Hyd 90°					6820	15004	6820	15004	15	49	607	1335	62	16	198	52	218	3160
Windlass	SY32	36mm	32mm	AC	15kW	20	30.5	180	6420	14125	13000	28600	12	40								
Capstan				AC 90°	15kW	20	30.5	180	6276	13807	13000	28600	12	40	781	1718						
				Hyd					9090	20000	9090	20000	15	49	666	1465	72	19	198	52	228	3300
				Hyd 90°					9090	20000	9090	20000	15	49	694	1527	75	20	198	52	234	3400