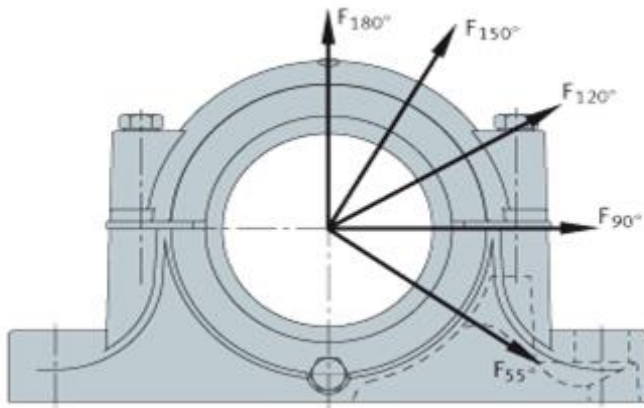


S 3000 K - Breaking Loads

Guide values for the rupture load of housings S30 and the maximum load carrying capacity of the connecting screws



Housing	Housing rupture load in direction F (kN)					Connecting screws Thread to DIN 13.13 Material 8.8	Maximum load carrying capacity of both screws with contact between parting surfaces in load direction (kN)		
	Housing made from flake graphite cast iron						120°	150°	180°
	55°	90°	120°	150°	180°				
S 3024 K	540	320	245	215	270	M20	260	150	130
S 3026 K	620	370	280	250	310	M20	260	150	130
S 3028 K	700	420	315	280	350	M20	260	150	130
S 3030 K	780	470	350	310	390	M20	260	150	130
S 3032 K	860	520	390	345	430	M20	260	150	130
S 3034 K	1000	600	450	400	500	M24	360	210	180
S 3036 K	1160	700	520	465	580	M24	360	210	180
S 3038 K	1300	780	585	520	650	M24	360	210	180
S 3040 K	1500	890	665	590	740	M24	360	210	180
S 3044 K	1700	1020	765	680	850	M30	640	370	320
S 3048 K	1900	1130	845	750	940	M30	640	370	320
S 3052 K	2200	1320	990	880	1100	M36	800	460	400
S 3056 K	2500	1500	1120	1000	1300	M36	800	460	400
S 3060 K	2700	1620	1215	1080	1350	M36	800	460	400
S 3064 K	2900	1740	1305	1160	1450	M36	800	460	400
S 3068 K	3200	1920	1440	1280	1600	M36	800	460	400
S 3072 K	3500	2100	1575	1400	1750	M36	800	460	400
S 3076 K	3900	2340	1755	1560	1950	M36	800	460	400
S 3080 K	4300	2580	1935	1720	2150	M36	800	460	400
S 3084 K	4900	2940	2205	1960	2450	M36	800	460	400
S 3088 K	5300	3180	2385	2120	2650	M36	800	460	400
S 3092 K	6100	3660	2745	2440	3050	M48	1340	770	670
S 3096 K	7000	4200	3150	2800	3500	M48	1340	770	670

Housings made from spheroidal graphite cast iron (suffix GGG) have a housing rupture load 1,6 times higher than that of housings made from flake graphite cast iron.