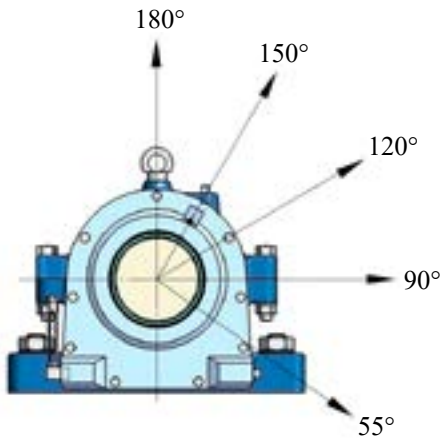


Capacities of SOFN housings (Coupling bolts class 8.8)



Housing size	Breaking load kN					Flow limit of bolts		
	55°	90°	120°	150°	180°	120°	150°	180°
610	390	160	110	100	130	100	60	50
611	390	160	110	100	130	100	60	50
612	450	180	120	110	150	100	60	50
517 - 614	690	260	190	180	230	100	60	50
518	900	350	250	230	300	160	90	80
519 - 616	990	390	270	250	330	160	90	80
520	1080	450	300	280	360	160	90	80
522	1260	500	350	320	420	160	90	80
618	1500	600	420	380	500	340	200	170
524 - 620	2100	780	580	540	700	340	200	170
526	2550	980	700	650	850	340	200	170
528 - 622	2550	1020	700	650	850	520	300	260
530 - 624	3000	1230	830	770	1000	520	300	260
532 - 626	3000	1230	830	770	1000	520	300	260
534	3360	1330	940	860	1120	520	440	380
628	3750	1530	1040	960	1250	760	440	380
536 - 630	3750	1530	1040	960	1250	760	440	380
538 - 632	3750	1530	1040	960	1250	760	440	380
540 - 634	4950	2000	1380	1270	1650	760	440	380
544 - 636	6300	2550	1750	1600	2100	1260	720	620
548	6300	2550	1750	1600	2100	1260	720	620

**Attention:** The SOFN 300 housings have the same resistance as the SOFN 600 housings, and the SOFN 200 housings have the same resistance as the SOFN 500 housings

Constructive forms

As shown on the table below, the bearing housings feature 4 specific constructive forms. In most cases, a “locating bearing” housing must be assembled at the drive side of the equipment in order to avoid the axial displacement of the bearing. A “non-locating bearing” housing must be assembled at the driven side in order to allow shaft axial movements and absorption of small dimensional deviations without straining the mobile parts of the bearings. If more than a bearing housing should be applied on the shaft at the drive side, one of the bearings should be of the locating type, and the others of the non locating type.

- BP** (Locating bearing) —————> For passing shaft
- LP** (Non-locating bearing) —————> For passing shaft
- BC** (Locating bearing) —————> For blind shaft
- LC** (Non-locating bearing) —————> For blind shaft

Correct assembling

Below, the most common assembling forms are illustrated. The blocking of the axial displacement of the bearing can be done either by a locating ring or by the lateral lids, depending on the housing series.

