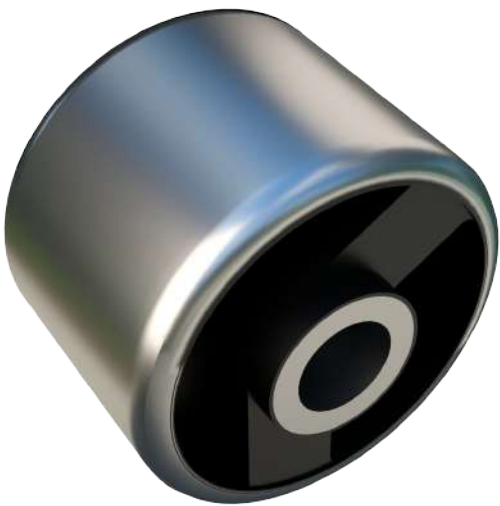


Hydro Bush

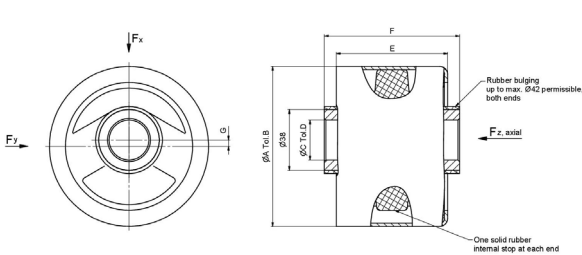
Hydro bushes are elastomer springs with integrated hydraulic damping. Suitable for mountings of combustion engines, cabs, pumps and compressors, mainly in agricultural machines and construction machinery. They are specifically suited when low frequencies occur as excitation frequency in the mount system. They achieve a high damping in the natural frequency range of the system as well as gut isolation properties above this range. All Hydro Bushes are galvanised to give extra resistance against corrosion. HD Hydro Bushes have a metal core which limits movement in z-direction.



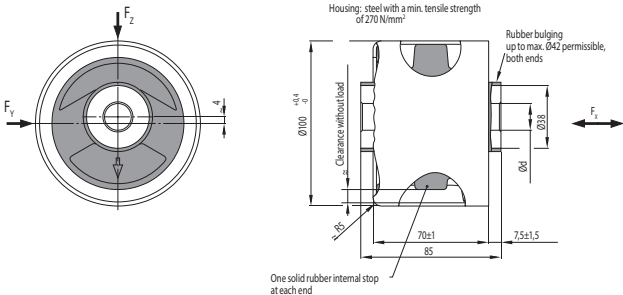
Typical applications:

- Engine mounts
- Cab mount
- Pumps
- Compressors
- Industrial fans
- Sound enclosures
- Floating structures

Technical Drawing



HYDRO BUSH



HD-RATED HYDRO BUSH

Product Data

DRAWING NO.	PART NO.	HARDNESS (IRHD)	DIMENSIONS (mm)				AXIAL		RADIAL (Z)		RADIAL (Y)	
			ØD	Tolerance for ØD	Ød	Tolerance for Ød	STIFFNESS (N/mm)	MAX. LOAD AT S=3mm (N)	STIFFNESS (N/mm)	MAX. LOAD (N)	STIFFNESS (N/mm)	MAX. LOAD AT SY=2mm (N)
HYDRO BUSH												
046 18 013	95573	40	100	-0/+0.22	25	-0/+0.052	110	330	220	1100	300	600
046 18 711	49022801	40	100	-0/+0.4	32	-0/+0.062	110	330	220	1100	300	600
046 18 014	595574	50	100	-0/+0.22	25	-0/+0.052	220	660	320	1600	600	1200
046 18 708	507315	50	100	-0/+0.22	32	-0/+0.062	220	660	320	1600	600	1200
046 18 015	595575	60	100	-0/+0.4	25	-0/+0.052	330	990	500	2500	830	1660
046 18 714	49022864	60	100	-0/+0.4	32	-0/+0.062	330	990	500	2500	830	1660
046 18 016	595576	65	100	-0/+0.4	32	-0/+0.062	425	1275	685	3450	1070	2140
046 18 017	95676	70	100	-0/+0.4	32	-0/+0.062	520	1560	840	4200	1300	2600
HD - RATED HYDRO BUSH												
046 18 712	49022862	40	100	-0/+0.4	32	-0/+0.062	110	330	220	1100	300	600
046 18 713	49022863	50	100	-0/+0.4	32	-0/+0.062	220	660	320	1600	600	1200
046 18 705	477895	60	100	-0/+0.22	32	-0/+0.062	330	990	500	2500	830	1660
046 18 715	49022865	65	100	-0/+0.4	32	-0/+0.062	425	1275	685	3450	1070	2140
046 18 702	600984	70	100	-0/+0.4	32	-0/+0.062	520	1560	840	4200	1300	2600