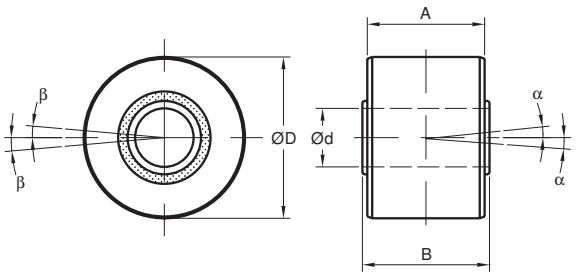
Features

A heavy duty flexible bearing which combines high load capacity with the ability to accommodate torsional and angular movements in all planes without lubrication and metal to metal wear. It is available with centre bore or solid member depending on fixing requirements.

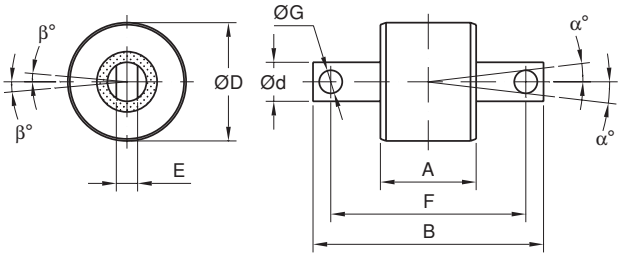
Metalastik® type Spherilastik™ Bearings

Typical uses include traction and braking reaction rods for rail, road and off-road vehicles, hydraulic damper fixings and other applications where a high duty bearing of compact size is required.

Spherilastik™ bearings, centre bore type



Spherilastik™ bearings, trunnion type



Type	Art.No		Dimensions in mm d	D	A	B	E	F	G	Radial Stiffness kN/mm	Radial Max load kN	Torsion Stiffness kNm/rad	Torsion ±ß degrees	Bending Stiffness kNm/rad	Bending ±α degrees	Weight (kg)
Spherilastik™	13-1316-60	(60° IHR)	25.4	66.7	47.6	54				70	34	0.9	8	0.9	6	0.84
bearings	13-1006-60	(60° IHR)	28.6	90.5	70	76.2				93	58	2.8	8	2.8	6	2.5
Centre bore	13-2106-60	(60° IHR)	28.6	90.5	70	76.2				100	58	2.8	8	2.8	6	1.8
type	13-1285-60	(60° IHR)	38.1	104.8	76.2	82.6				90	78	4.5	8	3.8	7	3.4
Trunnion	13-2202-65	(65° IHR)	35	66.7	47.6	120	20	90	13	70	34	0.7	8	0.9	6	1.2
type	13-2033-60	(60° IHR)	40	84	65	155	20	120	16.5	150	75	2.8	6	2.8	6	2.8

Trelleborg Industrial AVS operates a policy of continuous improvement and development. We reserve the right to change design and specification of our products without prior notification or alteration of literature