

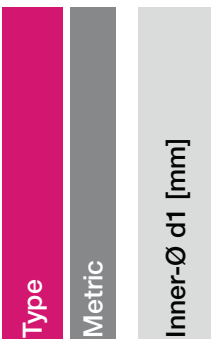
## Spherical thrust bearing: SAM



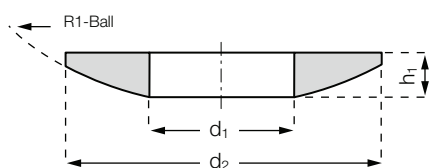
Order key

Type Size

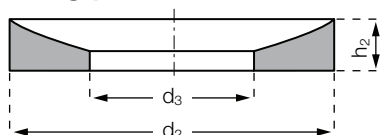
**SA M - 05**



### Spherical washer



### Housing pad



Material:

Spherical washer: **iglidur® W300** ▶ Page 121

Housing pad: **igumid G** ▶ Page 1235

## Technical data

Part No.	Maximum static axial tensile strength		Weight [g]
	short term	long term	
	[N]	[N]	
SAM-05	4,000	2,000	0.9
SAM-06	5,000	2,500	1.1
SAM-08	8,000	4,000	2.2
SAM-10	10,000	5,000	3.4
SAM-12	12,000	6,000	5.9
SAM-16	17,000	8,500	8.5
SAM-20	22,000	11,000	12.8

## Dimensions [mm]

Part No.	d1	d3	d2	h1	h2	H <sup>34)</sup>	R1	Compensation angle
	spherical washer DIN 7168	housing pad DIN 7168		spherical washer	housing pad	total height	radius	
SAM-05	5.2	7.0	15.0	3.0	3.5	4.7	15.0	3°
SAM-06	6.2	7.5	16.0	3.0	4.0	5.3	16.0	3°
SAM-08	8.2	10.0	20.0	4.0	5.0	6.8	20.0	2°
SAM-10	10.2	12.0	24.0	4.5	5.5	7.5	24.0	2°
SAM-12	12.5	14.5	30.0	5.0	6.2	8.0	32.0	2°
SAM-16	16.5	19.0	36.0	5.5	6.5	8.7	40.0	2°
SAM-20	20.2	23.0	44.0	6.0	7.0	8.6	45.0	2°

<sup>34)</sup> In assembled condition