

# OPEN BALL BUSHINGS

NB Open Type Ball Bushings are available with a steel cage as standard which is held in position by solid steel end plates.

Steel Cage, without seals. Ordering reference NB30-0..

Steel Cage, with two seals. Ordering reference NB32-0..

(where ...= shaft diameter)

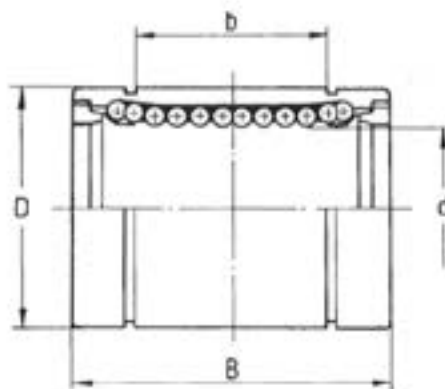
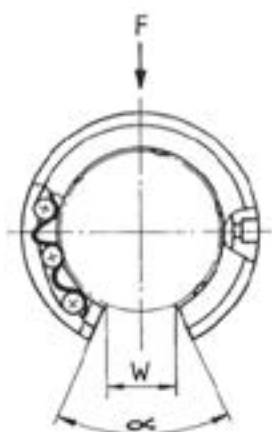
The bushes can be supplied with a fixing hole and then the bush can be retained in our housings using the fixing screws (supplied with housings)

Fixing screw with nipple:

Shaft sizes 12 to 40: M4

Shaft sizes 50 to 80: M5

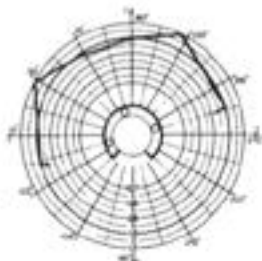
	SW	D	d	h
HS12-40	6	M5	3,5	11
HS50-80	7	M6	4,5	15



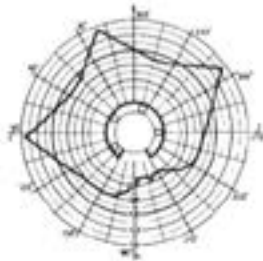
PART (no seals)	PART (2 seals)	d	D	B	b	W	a	Ball Circuits	Load C (N)	Load C <sub>0</sub> (N)	Weight (kg)
NB30-012	NB32-012	12	22	32	20	7.5	78	3	530	830	0.03
NB30-016	NB32-016	16	26	36	22	10	78	3	600	940	0.05
NB30-020	NB32-020	20	32	45	28	10	60	4	960	1570	0.08
NB30-025	NB32-025	25	40	58	40	12.5	60	5	1020	1720	0.19
NB30-030	NB32-030	30	47	68	48	12.5	50	5	1640	3000	0.30
NB30-040	NB32-040	40	62	80	56	16.8	50	5	2250	4400	0.60
NB30-050	NB32-050	50	75	100	72	21	50	5	4000	8680	0.97
NB30-060	NB32-060	60	90	125	95	27.2	54	5	4810	10500	1.90
NB30-080	NB32-080	80	120	165	125	36.3	54	5	7530	17150	4.38

The load capacity in the above table is only valid if the direction of the load F is acting vertically. If the load is acting from another direction the load rating must be multiplied by the factor f taken from the diagrams below:

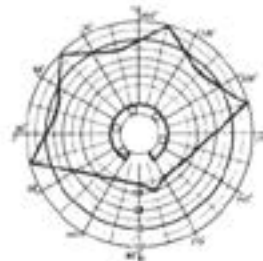
12 & 16 mm



20 mm



25 to 80 mm



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