

Screw-in nut ZEV-E-S

Rexroth connection dimensions

With low-friction seal,
preload class: C0, C00, C1
Tolerance grade T3²⁾, T5, T7, T9



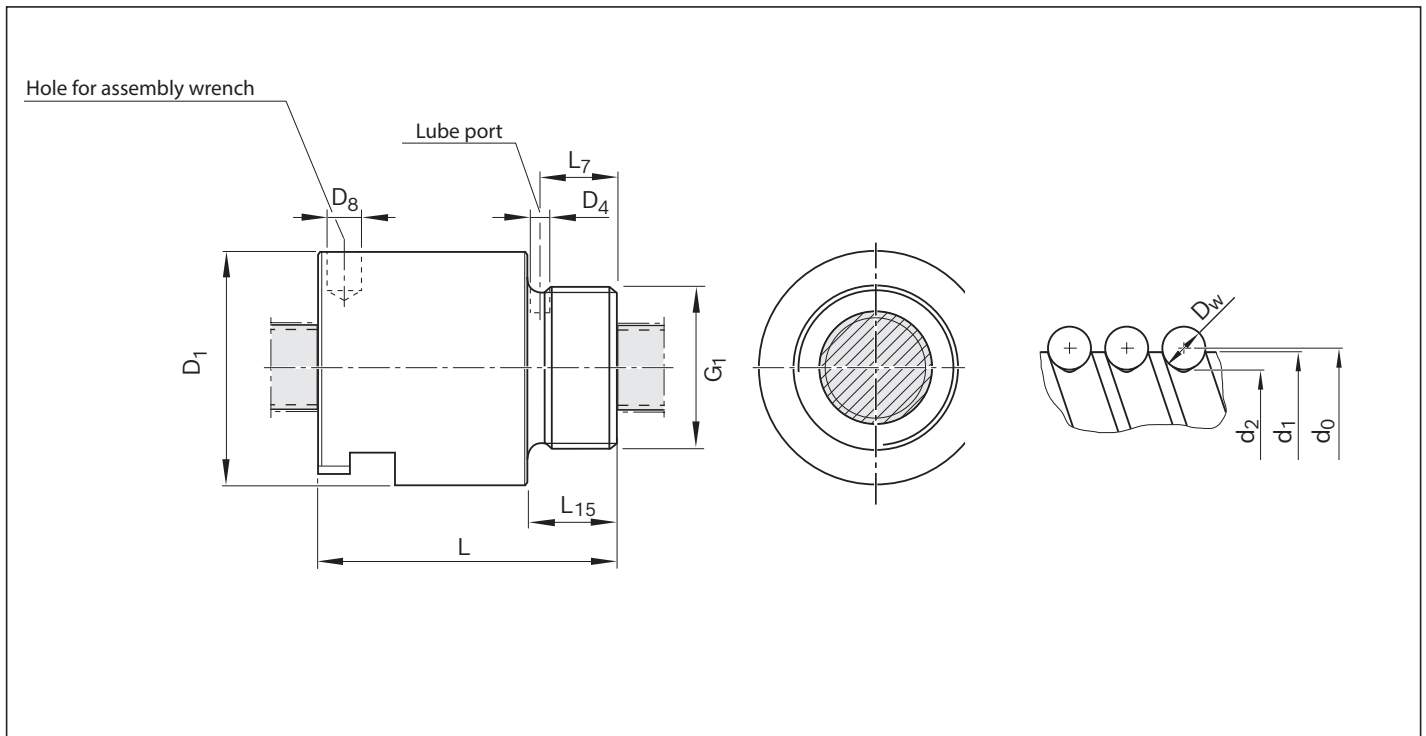
Ordering data:

BASA	20 x 5R x 3	ZEV-E-S - 4	00	0	0	T7	R	81K120	41K120	550	0	0
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d_0 = nominal diameter
P = lead (R = right-hand)
 D_w = ball diameter
i = number of ball track turns

Category	Size $d_0 \times P \times D_w - i$	Part number	Load ratings ³⁾		Linear speed ¹⁾ v_{max} (m/min)
			dyn. C (N)	stat. C ₀ (N)	
A	16 x 5R x 3 - 3	R2542 000 05	11,300	11,800	30.0
A	16 x 10R x 3 - 3	R2542 000 15	11,500	12,300	60.0
B	20 x 5R x 3 - 4	R2542 100 05	17,200	21,500	30.0
A	25 x 5R x 3 - 7	R2542 200 05	31,400	48,700	24.0
A	25 x 10R x 3 - 5	R2542 200 15	23,200	34,200	48.0
B	32 x 5R x 3.5 - 5	R2542 300 05	31,700	50,600	18.8
B	32 x 10R x 3.969 - 5	R2542 300 15	38,000	58,300	37.5

- 1) See "Characteristic speed $d_0 \cdot n$ " on page 133 and "Critical speed n_{cr} " on page 174
- 2) Tolerance grade T3 for sizes shown in table page 12
- 3) The load ratings are valid for tolerance grade T3 and T5 only.
For other tolerance grades, please take into account the correction factor f_{ac} on page 133.



Size $d_0 \times P \times D_w - i$	(mm)									Mass m (kg)
	d_1	d_2	D_1 h10	D_4	D_8	G_1	L ± 0.3	L_7	L_{15}	
16 x 5R x 3 - 3	15.0	12.9	32.5	2.7	4.2	M26 x 1.5	40	10.5	12	0.14
16 x 10R x 3 - 3	15.0	12.9	32.5	2.7	4.2	M26 x 1.5	54	10.5	12	0.21
20 x 5R x 3 - 4	19.0	16.9	38.0	2.7	8.0	M35 x 1.5	50	12.5	14	0.25
25 x 5R x 3 - 7	24.0	21.9	43.0	1.5	8.0	M40 x 1.5	60	17.5	19	0.36
25 x 10R x 3 - 5	24.0	21.9	43.0	2.0	8.0	M40 x 1.5	74	17.7	19	0.45
32 x 5R x 3.5 - 5	31.0	28.4	54.0	2.7	8.0	M48 x 1.5	69	17.5	19	0.58
32 x 10R x 3.969 - 5	31.0	27.9	54.0	2.7	8.0	M48 x 1.5	95	17.5	19	0.88