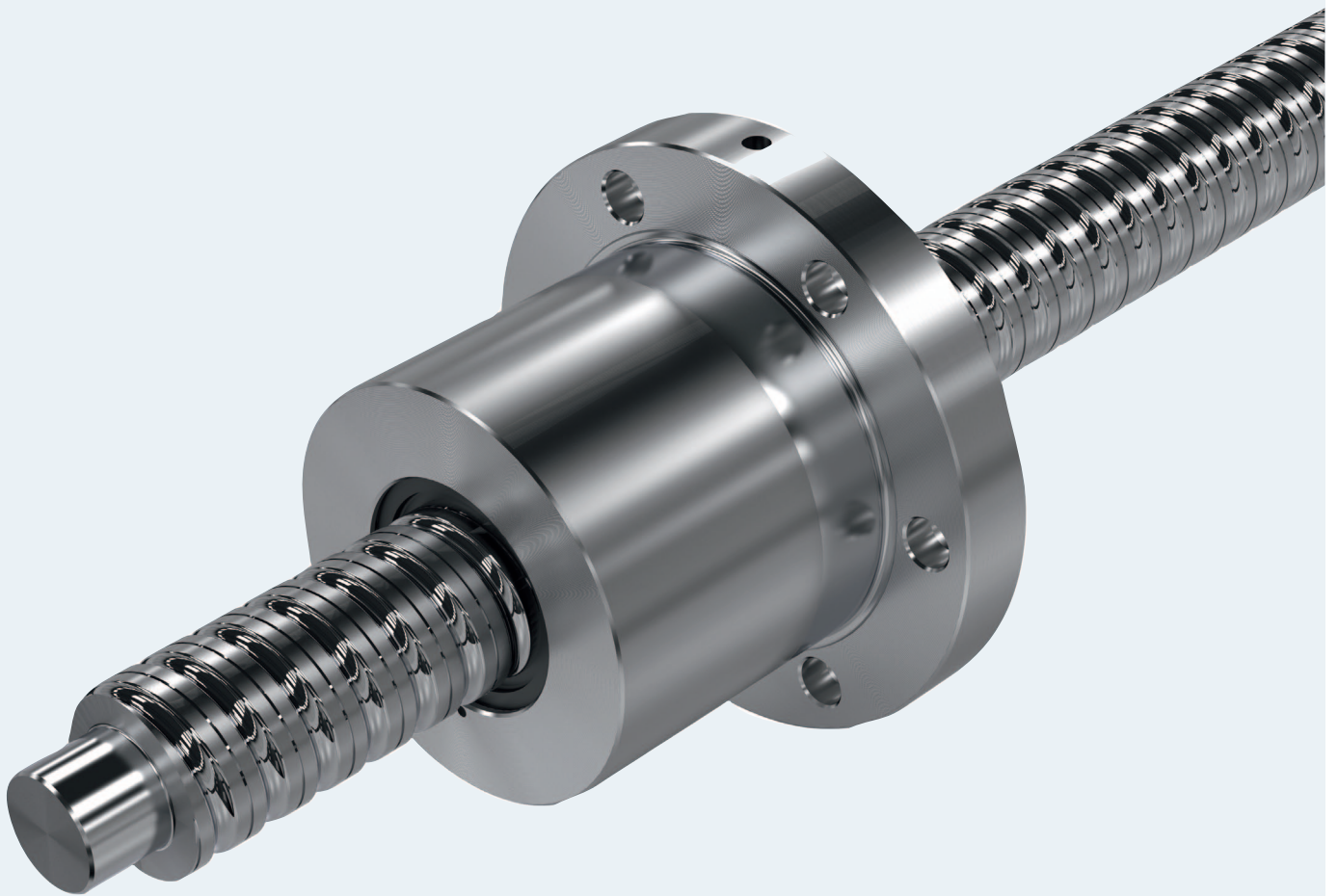


Precision Ball Screw Assemblies Asia Series

Connection dimensions per JIS



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(printed version is not in stock)

Precision Ball Screw Assemblies Asia Series

Product Description	3
Nuts	4
Flanged Single Nut FEM-E-D	4
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Product Description

Series compliant with JIS (Japanese Industrial Standard)

Ball Screw Assemblies with ball nuts featuring JIS-compliant connection dimensions are readily available, configurable assemblies with ball nuts in flanged design.

The series comprises two ball nut styles (flanged single nut and flanged double nut), screw ends suitable for Asian end bearings, and matching pillow block housings.

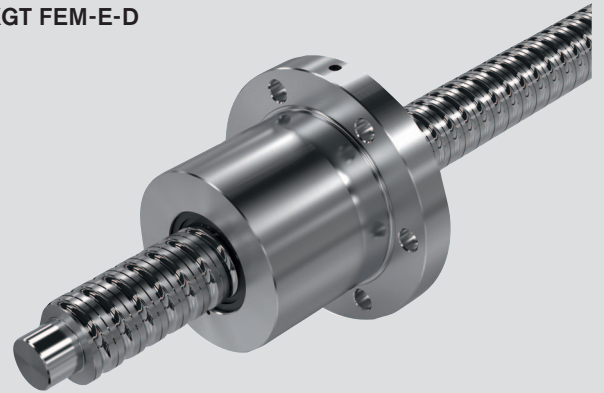
Advantages thanks to special product features

- JIS dimensions for the Asian market
- Larger outside and flange diameters, but the same internal geometry
- Screw ends and pillow block housings suitable for Asian end bearings

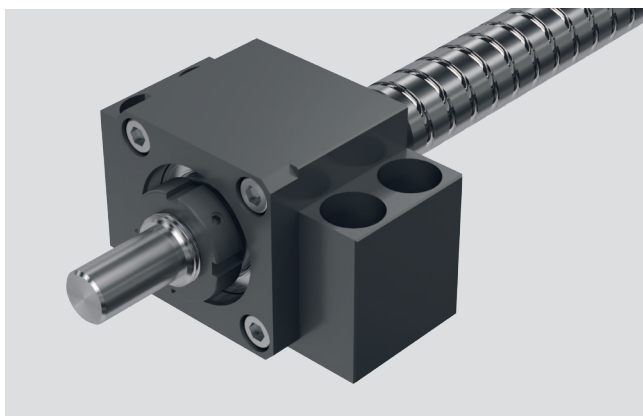
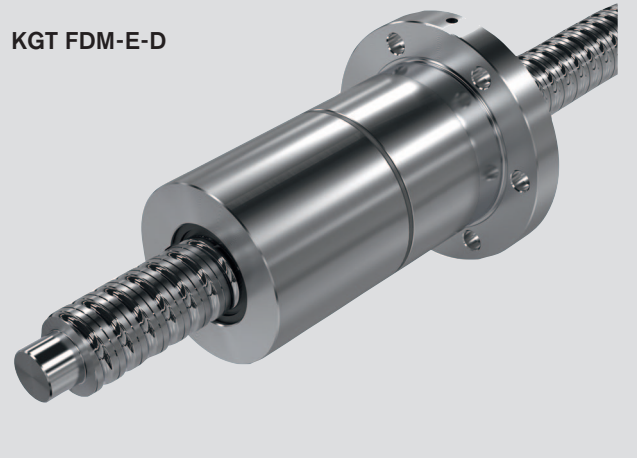
Size overview

Diameter d_0 (mm)	Lead P (mm)							
	5		10		20		40	
	FEM	FDM	FEM	FDM	FEM	FDM	FEM	FDM
20								
25								
32								
40								
50								
63								
80								

KGT FEM-E-D



KGT FDM-E-D



Pillow Block Unit SED-F-Z



Flanged End Bearing SEE-F-Z

For details on mounting, maintenance and start-up, please refer to the "Precision Ball Screw Assemblies" catalog and instruction manual.

Ball Nuts

Flanged Single Nut FEM-E-D

Standard series

Connection dimensions per
JIS B1192, table 5

- With standard seals
- Reinforced seals see main catalog
- With backlash, reduced backlash
- Preload 2%, 3%, 5%
- Tolerance grades T3¹⁾, T5, T7, T9



1) on request

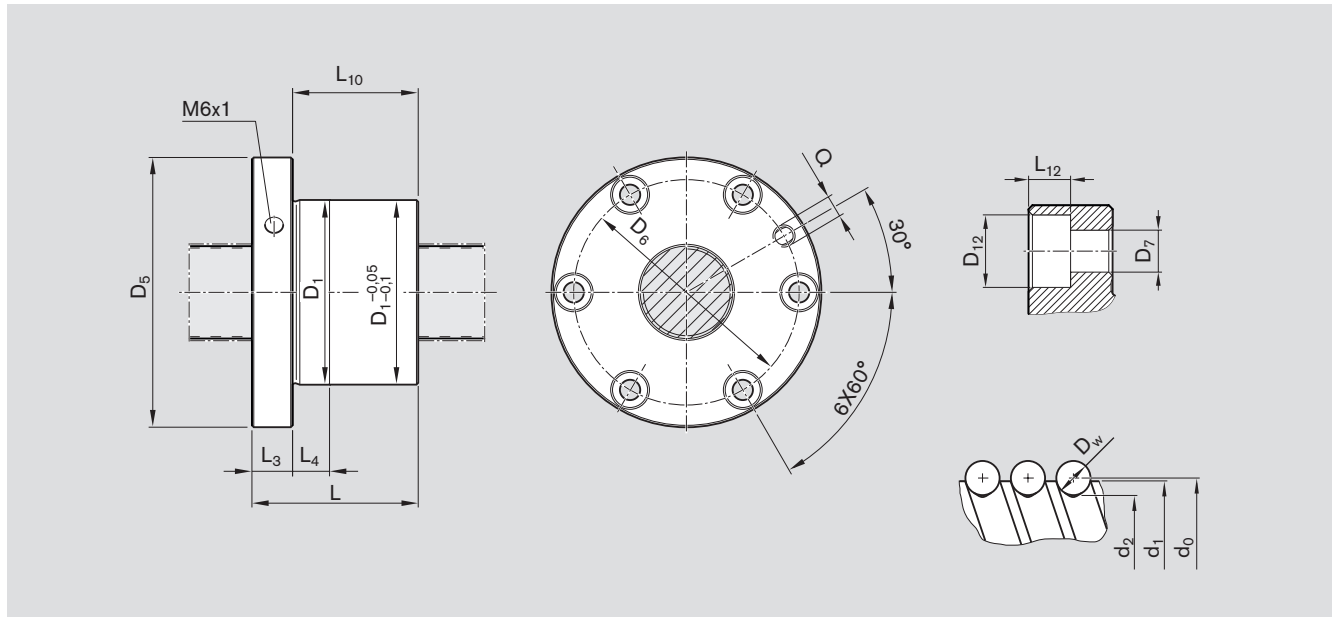
Ordering data: **FEM-E-D 20 x 5R x 3-4 1 2 T7 R 83Z150 41Z151 1250 0 1 00**

d_0 = nominal diameter
 P = lead
 (R = right-hand, L = left-hand)
 D_w = ball diameter
 i = number of ball track turns

Size $d_0 \times P \times D_w - i$	Part number	Load capacities		Linear speed ³⁾ v_{max} (m/min)
		dyn. C (N)	stat. C ₀ (N)	
20 x 5R x 3-4	R1512 110 A0	14300	21500	30
20 x 10R x 3-4	R1512 140 A0	14100	21300	60
20 x 20R x 3.5-2	R1512 170 A0	9100	12100	120
25 x 5R x 3-4	R1512 210 A0	15900	27200	30
25 x 10R x 3-4	R1512 240 A0	15700	27000	60
32 x 5R x 3.5-4	R1512 310 A0	21600	40000	23
32 x 10R x 3.969-5	R1512 340 A0	31700	58300	47
32 x 20R x 3.969-2	R1512 370 A0	13500	21800	94
40 x 5R x 3.5-5	R1512 410 A0	29100	64100	19
40 x 10R x 6-4	R1512 440 A0	50000	86400	38
40 x 20R x 6-3	R1512 470 A0	37900	62800	75
40 x 40R x 6-2	R1512 490 A0	25500	40300	150
50 x 5R x 3.5-5	R1512 510 A0	32000	81300	15
50 x 10R x 6-6	R1512 540 A0	79700	166500	30
50 x 20R x 6.5-3	R1512 570 A0	47900	87900	60
50 x 40R x 6.5-2	R1512 590 A0	32100	55800	120
63 x 10R x 6-6	R1512 640 A0	88800	214300	24
63 x 20R x 6.5-3	R1512 670 A0	53200	112100	48
63 x 40R x 6.5-2	R1512 690 A0	36900	74300	95
80 x 10R x 6.5-6	R1512 740 A0	108400	291700	19
80 x 20R x 12.7-6 ²⁾	R1512 770 A0	262700	534200	30

2) Nuts 80 x 20R x 12.7 - 6 available up to a thread length of 2500 mm, with preload

3) Characteristic speed $d_0 \cdot n$ and Critical speed n_{cr} see main catalog Precision Ball Screw Assemblies



Size $d_0 \times P \times D_w - i$	Dimensions (mm)													Mass m (kg)
	d_1	d_2	D_1 g6	D_5	D_6	D_7	D_{12}	L	L_3	L_4	L_{10}	L_{12}	Q	
20 x 5R x 3 - 4	19	16.9	44	67	55	5.5	9.5	40	11	10.0	29	5.5	M6x1	0.49
20 x 10R x 3 - 4	19	16.9	44	67	55	5.5	9.5	60	11	16.0	49	5.5	M6x1	0.67
20 x 20R x 3.5 - 2	19	16.7	44	67	55	5.5	9.5	57	11	18.5	46	5.5	M6x1	0.64
25 x 5R x 3 - 4	24	21.9	50	73	61	5.5	9.5	45	11	10.0	34	5.5	M6x1	0.63
25 x 10R x 3 - 4	24	21.9	58	85	71	6.6	11.0	64	15	16.0	49	6.5	M6x1	1.33
32 x 5R x 3.5 - 4	31	28.4	58	85	71	6.6	11.0	48	12	10.0	36	6.5	M6x1	0.86
32 x 10R x 3.969 - 5	31	27.9	74	108	90	9.0	14.0	77	15	16.0	62	8.5	M6x1	2.51
32 x 20R x 3.969 - 2	31	27.9	74	108	90	9.0	14.0	64	15	25.0	49	8.5	M6x1	2.16
40 x 5R x 3.5 - 5	39	36.4	67	101	83	9.0	14.0	54	15	10.0	39	8.5	Rc 1/8	1.27
40 x 10R x 6 - 4	38	33.8	82	124	102	11.0	17.5	70	18	16.0	52	11.0	Rc 1/8	2.83
40 x 20R x 6 - 3	38	33.8	82	124	102	11.0	17.5	88	18	25.0	70	11.0	Rc 1/8	3.38
40 x 40R x 6 - 2	38	33.8	82	124	102	11.0	17.5	102	18	31.0	84	11.0	Rc 1/8	4.01
50 x 5R x 3.5 - 5	49	46.4	80	114	96	9.0	14.0	54	15	10.0	39	8.5	Rc 1/8	1.66
50 x 10R x 6 - 6	48	43.8	93	135	113	11.0	17.5	90	18	16.0	72	11.0	Rc 1/8	4.09
50 x 20R x 6.5 - 3	48	43.4	100	146	122	14.0	20.0	92	28	25.0	64	13.0	Rc 1/8	5.66
50 x 40R x 6.5 - 2	48	43.4	100	146	122	14.0	20.0	109	28	45.0	81	13.0	Rc 1/8	6.46
63 x 10R x 6 - 6	61	56.8	108	154	130	14.0	20.0	90	22	16.0	68	13.0	Rc 1/8	5.36
63 x 20R x 6.5 - 3	61	56.4	122	180	150	18.0	26.0	92	28	25.0	64	17.5	Rc 1/8	8.32
63 x 40R x 6.5 - 2	61	56.4	122	180	150	18.0	26.0	109	28	45.0	81	17.5	Rc 1/8	9.43
80 x 10R x 6.5 - 6	78	73.3	130	176	152	14.0	20.0	95	22	16.0	73	13.0	Rc 1/8	7.36
80 x 20R x 12.7 - 6	76	67.0	143	204	172	18.0	26.0	170	28	25.0	142	17.5	Rc 1/8	16.39

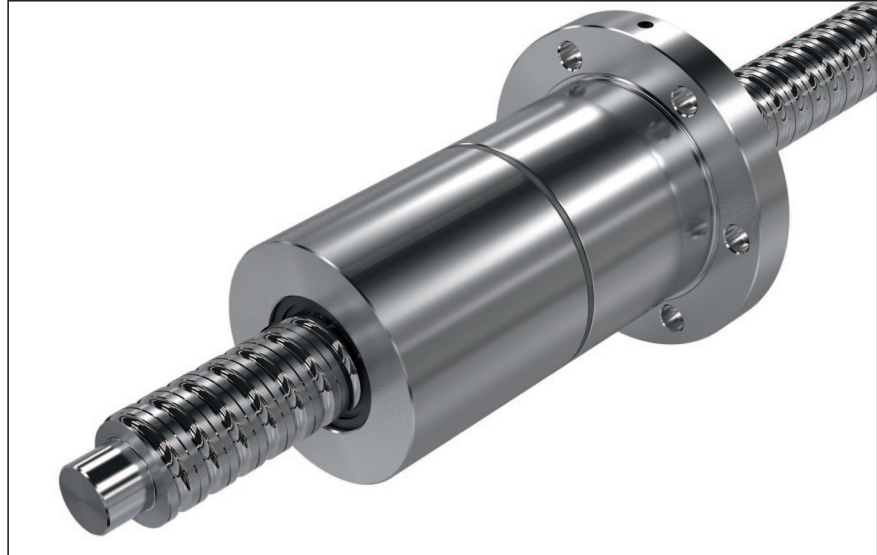
Ball Nuts

Flanged Double Nut FDM-E-D

Standard series

Connection dimensions per
JIS B1192, table 5

- With standard seals
- Reinforced seals see main catalog
- With backlash, reduced backlash
- Preload 7%, 10%
- Tolerance grades T3¹⁾, T5, T7



1) on request

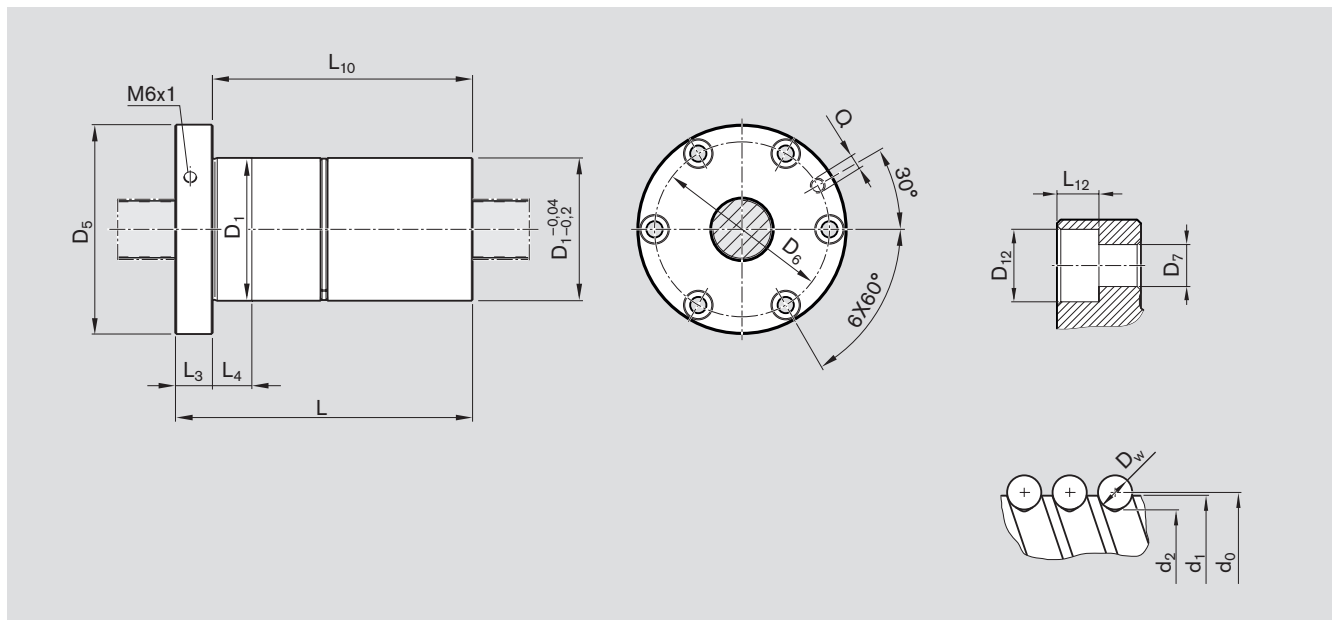
Ordering data: **FDM-E-D 20 x 5R x 3-4 1 2 T7 R 83Z150 41Z151 1250 0 1 00**

d_0 = nominal diameter
 P = lead
 (R = right-hand, L = left-hand)
 D_w = ball diameter
 i = number of ball track turns

Size $d_0 \times P \times D_w - i$	Part number	Load capacities		Linear speed ³⁾
		dyn. C (N)	stat. C ₀ (N)	v_{max} (m/min)
20 x 5R x 3-4	R1512 110 B0	14300	21500	30
25 x 5R x 3-4	R1512 210 B0	15900	27200	30
25 x 10R x 3-4	R1512 240 B0	15700	27000	60
32 x 5R x 3.5-4	R1512 310 B0	21600	40000	23
32 x 10R x 3.969-5	R1512 340 B0	31700	58300	47
40 x 5R x 3.5-5	R1512 410 B0	29100	64100	19
40 x 10R x 6-4	R1512 440 B0	50000	86400	38
40 x 20R x 6-3	R1512 470 B0	37900	62800	75
50 x 5R x 3.5-5	R1512 510 B0	32000	81300	15
50 x 10R x 6-4	R1512 540 B0	55400	109000	30
50 x 20R x 6.5-5	R1512 570 B0	75700	149700	60
63 x 10R x 6-4	R1512 640 B0	61800	140500	24
63 x 20R x 6.5-5	R1512 670 B0	83900	190300	48
80 x 10R x 6.5-6	R1512 740 B0	108400	291700	19
80 x 20R x 12.7-6 ¹⁾	R1512 770 B0	262700	534200	30

2) Nuts 80 x 20R x 12.7 - 6 available up to a thread length of 2500 mm, with preload

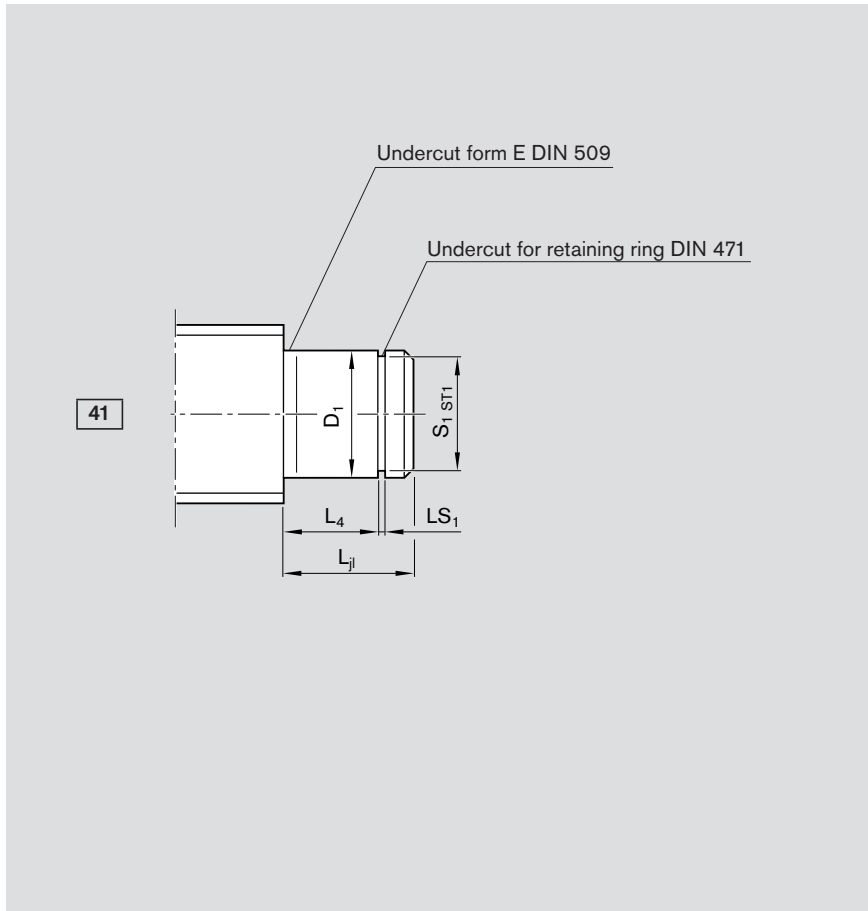
3) Characteristic speed $d_0 \cdot n$ and Critical speed n_{cr} see main catalog Precision Ball Screw Assemblies



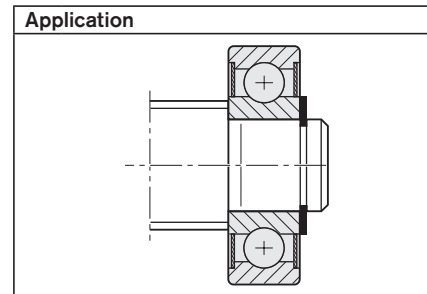
Size $d_0 \times P \times D_w - i$	Dimensions (mm)												Q	Mass m (kg)
	d_1	d_2	D_1 g6	D_5	D_6	D_7	D_{12}	L	L_3	L_4	L_{10}	L_{12}		
20 x 5R x 3 - 4	19	16.9	44	67	55	5.5	9.5	82	11	10	71	5.5	M6x1	0.86
25 x 5R x 3 - 4	24	21.9	50	73	61	5.5	9.5	82	11	10	71	5.5	M6x1	1.03
25 x 10R x 3 - 4	24	21.9	58	85	71	6.6	11.0	120	15	16	105	6.5	M6x1	2.25
32 x 5R x 3.5 - 4	31	28.4	58	85	71	6.6	11.0	88	12	10	76	6.5	M6x1	1.40
32 x 10R x 3.969 - 5	31	27.9	74	108	90	9.0	14.0	146	15	16	131	8.5	M6x1	4.37
40 x 5R x 3.5 - 5	39	36.4	67	101	83	9.0	14.0	100	15	10	85	8.5	Rc 1/8	2.03
40 x 10R x 6 - 4	38	33.8	82	124	102	11.0	17.5	140	18	16	122	11.0	Rc 1/8	4.89
40 x 20R x 6 - 3	38	33.8	82	124	102	11.0	17.5	175	18	25	157	11.0	Rc 1/8	5.96
50 x 5R x 3.5 - 5	49	46.4	80	114	96	9.0	14.0	100	15	10	85	8.5	Rc 1/8	2.69
50 x 10R x 6 - 4	48	43.8	93	135	113	11.0	17.5	140	18	16	122	11.0	Rc 1/8	5.82
50 x 20R x 6.5 - 5	48	43.4	100	146	122	14.0	20.0	255	28	25	227	13.0	Rc 1/8	13.01
63 x 10R x 6 - 4	61	56.8	108	154	130	14.0	20.0	140	22	16	118	13.0	Rc 1/8	7.52
63 x 20R x 6.5 - 5	61	56.4	122	180	150	18.0	26.0	255	28	25	227	17.5	Rc 1/8	19.09
80 x 10R x 6.5 - 6	78	73.3	130	176	152	14.0	20.0	190	22	16	168	13.0	Rc 1/8	11.96
80 x 20R x 12.7 - 6	76	67.0	143	204	172	18.0	26.0	340	28	25	312	17.5	Rc 1/8	30.00

Screw ends

Form 41

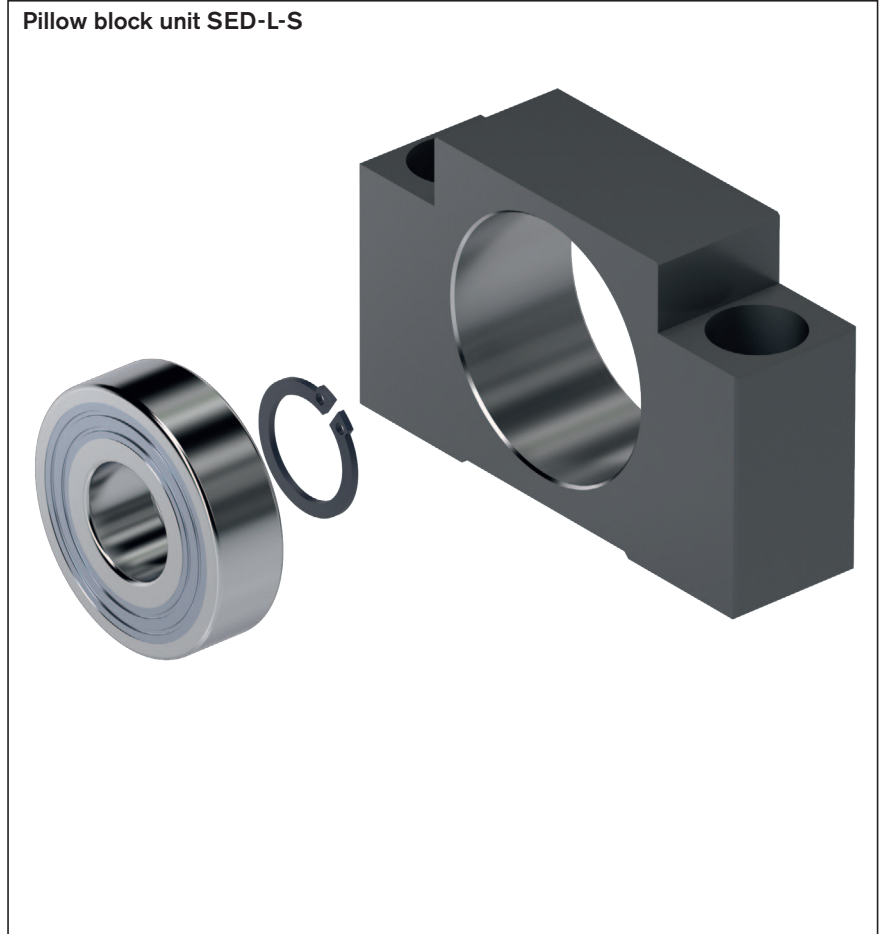


Option (machining of end face)	
Z	
S	
G	
K	None



Form	Version	Ball screw size		Dimensions (mm)							Centering hole		Hex socket		Thread	
		d ₀	P	D ₁ j6	L _{jl}	L ₄	S ₁	ST1	LS ₁ H13	Z	t _z	S	t _s	G	t _g	
41	151	20	5/10/20	15	14.0	9.0	14.3	h11	1.10	M5	12.5	6	6	M6	9	
41	202	25	5/10	20	19.0	14.0	19.0	h11	1.30	M6	16.0	6	6	M8	12	
41	252	32	5/10/20	25	20.0	15.0	23.9	h12	1.30	M10	22.0	8	8	M10	15	

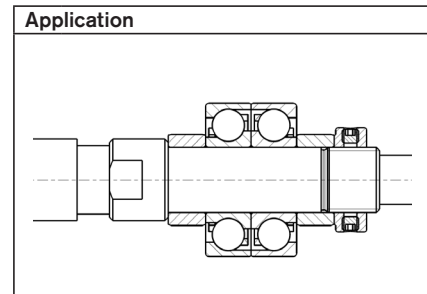
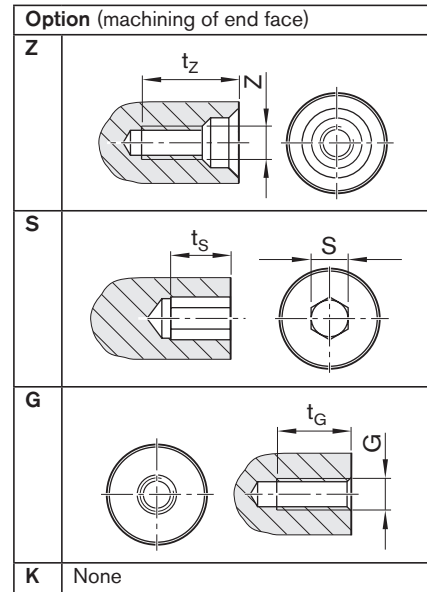
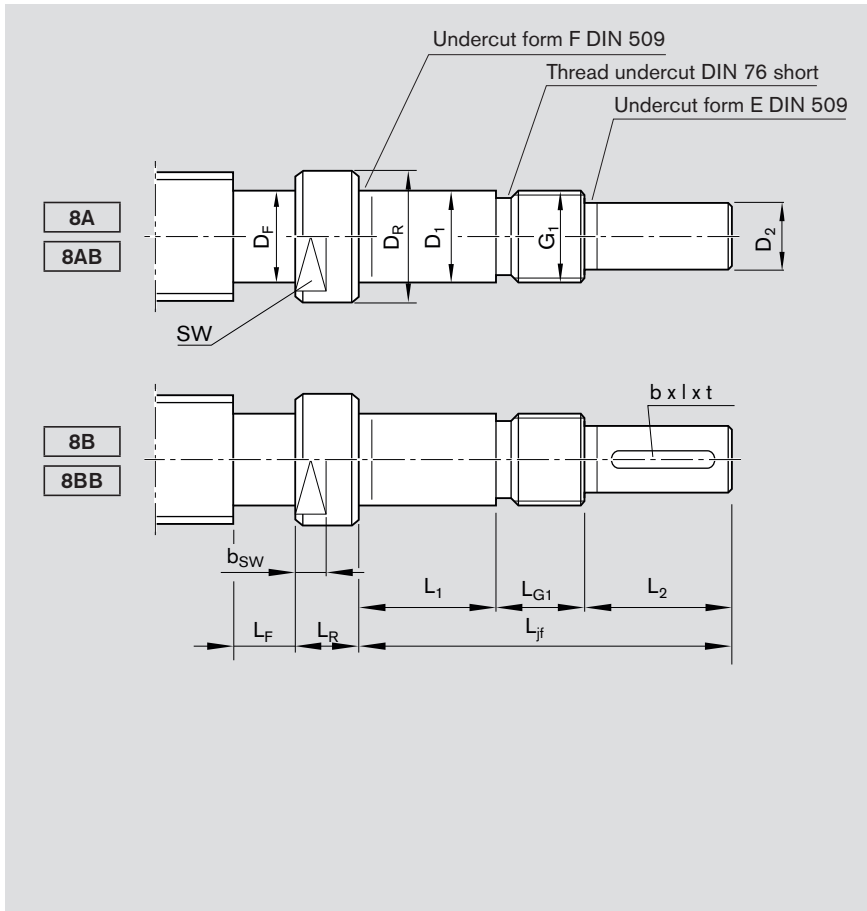
**End bearings for screw ends
form 41**



Form	Version	Ball screw size		Pillow block unit SED-L-S Part number
		d ₀	P	
41	151	20	5/10/20	R159661500
41	202	25	5/10	R159662000
41	252	32	5/10/20	R159662500

Screw ends

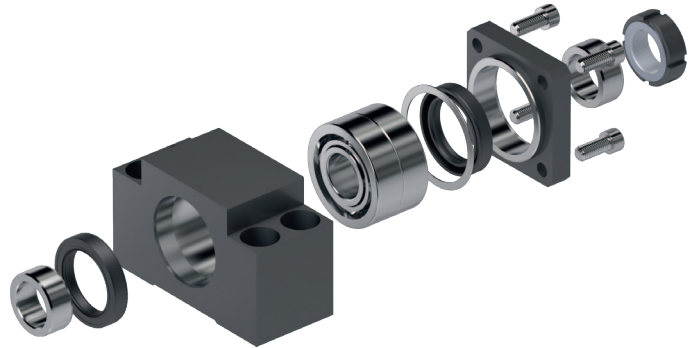
Form 8A–8B



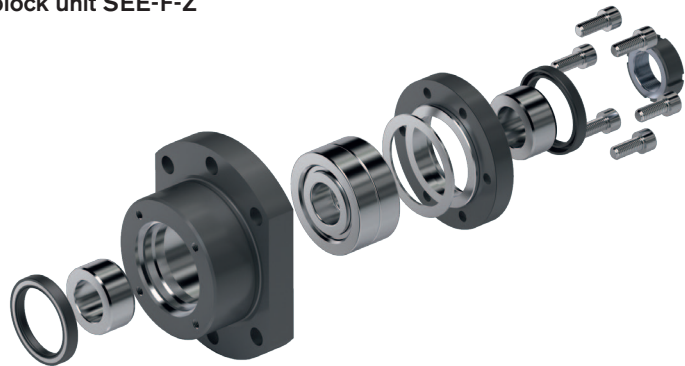
Form	Version	Ball screw size		Dimensions (mm)							Mechanically connected Dimensions (mm)				Keyway per DIN 6885		
		d ₀	P	L _{jf}	D ₁ h6	L ₁	D ₂ h7	L ₂	G ₁	L _{G1}	D _R	L _R	D _F	L _F	b P9	l	t
8A	150	20	5/10/20	64.0	15	28.0	12	20.0	M15x1	16.0	19.5	10	16.7	20	-	-	-
8AB	170	20	5/10/20	110.0	17	58.0	12	29.0	M17x1	23.0	20.0	20	16.7	20	-	-	-
	200	25	5/10	92.0	20	47.0	15	27.0	M20x1	18.0	25.0	10	21.7	20	-	-	-
	201	25	5/10	120.0	20	58.0	15	39.0	M20x1	23.0	25.0	20	21.7	20	-	-	-
	250	32	5/10/20	112.0	25	56.0	20	33.0	M25x1.5	23.0	32.0	13	27.8	20	-	-	-
	251	32	5/10/20	140.0	25	63.0	20	51.0	M25x1.5	26.0	32.0	27	27.8	20	-	-	-
	300	40	5	150.0	30	63.0	25	61.0	M30x1.5	26.0	40.0	20	36.0	20	-	-	-
	301	40	10/20/40	150.0	30	63.0	25	61.0	M30x1.5	26.0	40.0	20	33.6	20	-	-	-
	400	50	5	171.0	40	63.0	35	78.0	M40x1.5	30.0	50.0	20	46.0	20	-	-	-
	401	50	10/20/40	171.0	40	63.0	35	78.0	M40x1.5	30.0	50.0	20	43.3	20	-	-	-
8B 8BB	150	20	5/10/20	64.0	15	28.0	12	20.0	M15x1	16.0	19.5	10	16.7	20	4	14	2.5
	170	20	5/10/20	110.0	17	58.0	12	29.0	M17x1	23.0	20.0	20	16.7	20	4	22	2.5
	200	25	5/10	92.0	20	47.0	15	27.0	M20x1	18.0	25.0	10	21.7	20	5	20	3.0
	201	25	5/10	120.0	20	58.0	15	39.0	M20x1	23.0	25.0	20	21.7	20	5	28	3.0
	250	32	5/10/20	112.0	25	56.0	20	33.0	M25x1.5	23.0	32.0	13	27.8	20	6	25	3.5
	251	32	5/10/20	140.0	25	63.0	20	51.0	M25x1.5	26.0	32.0	27	27.8	20	6	40	3.5
	300	40	5	150.0	30	63.0	25	61.0	M30x1.5	26.0	40.0	20	36.0	20	8	45	4.0
	301	40	10/20/40	150.0	30	63.0	25	61.0	M30x1.5	26.0	40.0	20	33.6	20	8	45	4.0
	400	50	5	171.0	40	63.0	35	78.0	M40x1.5	30.0	50.0	20	46.0	20	10	56	5.0
401	50	10/20/40	171.0	40	63.0	35	78.0	M40x1.5	30.0	50.0	20	43.3	20	10	56	5.0	

End bearings for screw ends form 8A – 8B

Pillow block unit SED-F-Z



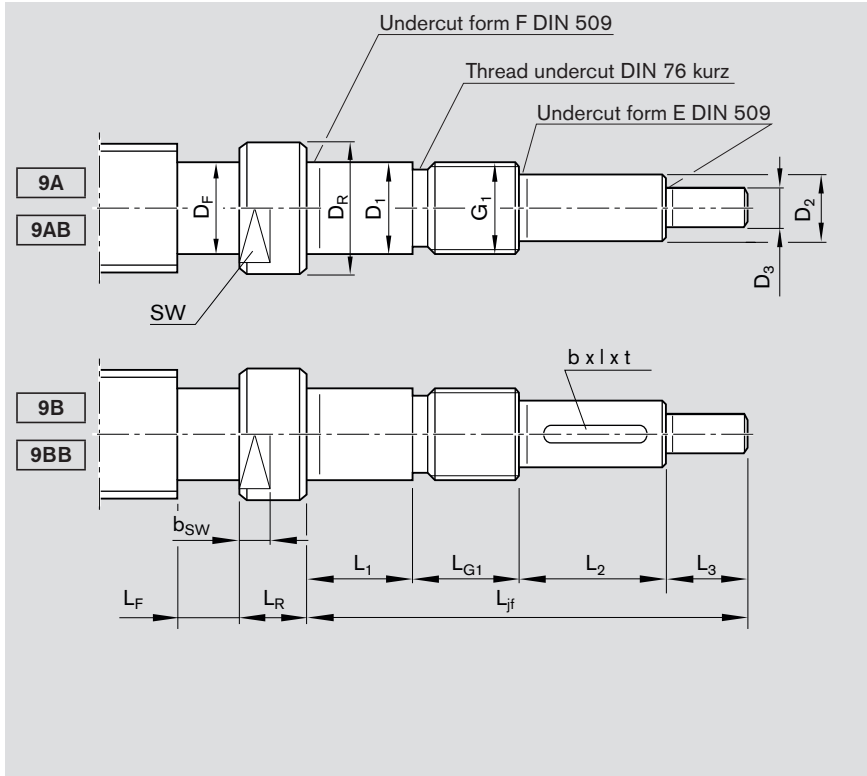
Pillow block unit SEE-F-Z



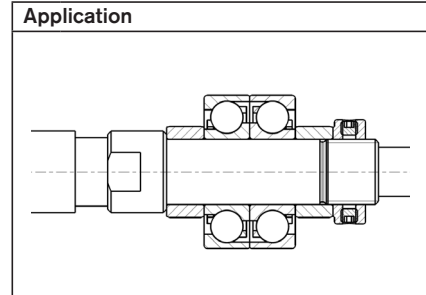
Form	Version	Ball screw size		Centering hole		Hex socket		Thread		Width across flats		Pillow block unit SED-F-Z	Pillow block unit SEE-F-Z
		d ₀	P	Z	t _z	S	t _s	G	t _g	SW	b _{SW}	Part number	Part number
8A	150	20	5/10/20	M4	10.0	4	4	M5	8	17	10	R159651500	–
8AB	170	20	5/10/20	M4	10.0	4	4	M5	8	17	10	–	R159751700
	200	25	5/10	M5	12.0	4	4	M6	9	22	10	R159652000	–
	201	25	5/10	M5	12.0	4	4	M6	9	22	10	–	R159752000
	250	32	5/10/20	M6	16.0	5	5	M8	12	28	13	R159652500	–
	251	32	5/10/20	M6	16.0	5	5	M8	12	28	13	–	R159752500
	300	40	5	M10	22.0	8	8	M10	15	34	10	–	R159753000
	301	40	10/20/40	M10	22.0	8	8	M10	15	34	10	–	R159753000
	400	50	5	M12	28.0	12	12	M12	18	46	10	–	R159754000
	401	50	10/20/40	M12	28.0	12	12	M12	18	46	10	–	R159754000
8B	150	20	5/10/20	M4	10.0	4	4	M5	8	17	10	R159651500	–
8BB	170	20	5/10/20	M4	10.0	4	4	M5	8	17	10	–	R159751700
	200	25	5/10	M5	12.0	4	4	M6	9	22	10	R159652000	–
	201	25	5/10	M5	12.0	4	4	M6	9	22	10	–	R159752000
	250	32	5/10/20	M6	16.0	5	5	M8	12	28	13	R159652500	–
	251	32	5/10/20	M6	16.0	5	5	M8	12	28	13	–	R159752500
	300	40	5	M10	22.0	8	8	M10	15	34	10	–	R159753000
	301	40	10/20/40	M10	22.0	8	8	M10	15	34	10	–	R159753000
	400	50	5	M12	28.0	12	12	M12	18	46	10	–	R159754000
	401	50	10/20/40	M12	28.0	12	12	M12	18	46	10	–	R159754000

Screw ends

Form 9A – 9B



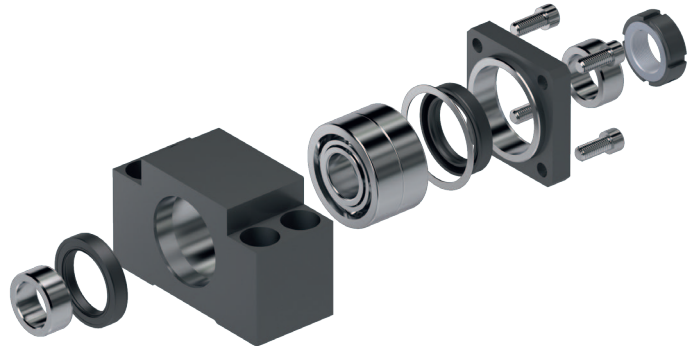
Option (machining of end face)	
K	None



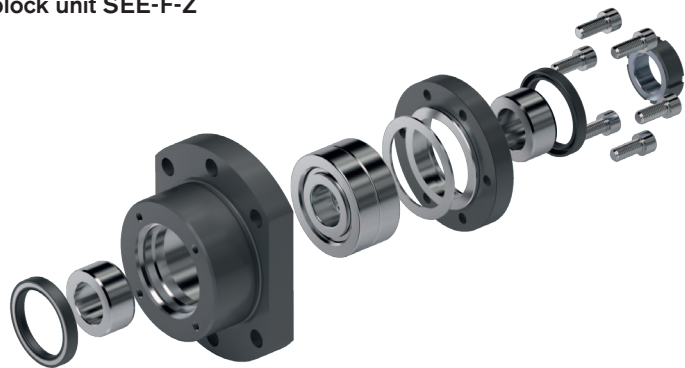
Form	Version	Ball screw size		Dimensions (mm)										Mechanically connected Dimensions (mm)				Keyway per DIN 6885		
		d ₀	P	L _{jf}	D ₁ h6	L ₁	D ₂ h7	L ₂	G ₁	D ₃ h7	L ₃	L _{G1}	D _R	L _R	D _F	L _F	b P9	l	t	
9A	150	20	5/10/20	64,0	15	28,0	12	20,0	M15x1	6	15	16,0	19,5	10	16,7	20	-	-	-	
9AB	170	20	5/10/20	110,0	17	58,0	12	29,0	M17x1	6	15	23,0	20,0	20	16,7	20	-	-	-	
	200	25	5/10	92,0	20	47,0	15	27,0	M20x1	6	15	18,0	25,0	10	21,7	20	-	-	-	
	201	25	5/10	120,0	20	58,0	15	39,0	M20x1	6	15	23,0	25,0	20	21,7	20	-	-	-	
	250	32	5/10/20	112,0	25	56,0	20	33,0	M25x1,5	6	15	23,0	32,0	13	27,8	20	-	-	-	
	251	32	5/10/20	140,0	25	63,0	20	51,0	M25x1,5	6	15	26,0	32,0	27	27,8	20	-	-	-	
	300	40	5	150,0	30	63,0	25	61,0	M30x1,5	6	15	26,0	40,0	20	36,0	20	-	-	-	
	301	40	10/20/40	150,0	30	63,0	25	61,0	M30x1,5	6	15	26,0	40,0	20	33,6	20	-	-	-	
	400	50	5	171,0	40	63,0	35	78,0	M40x1,5	6	15	30,0	50,0	20	46,0	20	-	-	-	
	401	50	10/20/40	171,0	40	63,0	35	78,0	M40x1,5	6	15	30,0	50,0	20	43,3	20	-	-	-	
9B	150	20	5/10/20	64,0	15	28,0	12	20,0	M15x1	6	15	16,0	19,5	10	16,7	20	4	14	2,5	
9BB	170	20	5/10/20	110,0	17	58,0	12	29,0	M17x1	6	15	23,0	20,0	20	16,7	20	4	22	2,5	
	200	25	5/10	92,0	20	47,0	15	27,0	M20x1	6	15	18,0	25,0	10	21,7	20	5	20	3,0	
	201	25	5/10	120,0	20	58,0	15	39,0	M20x1	6	15	23,0	25,0	20	21,7	20	5	28	3,0	
	250	32	5/10/20	112,0	25	56,0	20	33,0	M25x1,5	6	15	23,0	32,0	13	27,8	20	6	25	3,5	
	251	32	5/10/20	140,0	25	63,0	20	51,0	M25x1,5	6	15	26,0	32,0	27	27,8	20	6	40	3,5	
	300	40	5	150,0	30	63,0	25	61,0	M30x1,5	6	15	26,0	40,0	20	36,0	20	8	45	4,0	
	301	40	10/20/40	150,0	30	63,0	25	61,0	M30x1,5	6	15	26,0	40,0	20	33,6	20	8	45	4,0	
	400	50	5	171,0	40	63,0	35	78,0	M40x1,5	6	15	30,0	50,0	20	46,0	20	10	56	5,0	
	401	50	10/20/40	171,0	40	63,0	35	78,0	M40x1,5	6	15	30,0	50,0	20	43,3	20	10	56	5,0	

End bearings for screw ends form 9A – 9B

Pillow block unit SED-F-Z



Pillow block unit SEE-F-Z



Form	Version	Ball screw size		Width across flats		Pillow block unit SED-F-Z	Pillow block unit SEE-F-Z
		d ₀	P	SW	b _{SW}	Part number	Part number
9A	150	20	5/10/20	17	10	R159651500	–
9AB	170	20	5/10/20	17	10	–	R159751700
	200	25	5/10	22	10	R159652000	–
	201	25	5/10	22	10	–	R159752000
	250	32	5/10/20	28	13	R159652500	–
	251	32	5/10/20	28	13	–	R159752500
	300	40	5	34	10	–	R159753000
	301	40	10/20/40	34	10	–	R159753000
	400	50	5	46	10	–	R159754000
	401	50	10/20/40	46	10	–	R159754000
9B	150	20	5/10/20	17	10	R159651500	–
9BB	170	20	5/10/20	17	10	–	R159751700
	200	25	5/10	22	10	R159652000	–
	201	25	5/10	22	10	–	R159752000
	250	32	5/10/20	28	13	R159652500	–
	251	32	5/10/20	28	13	–	R159752500
	300	40	5	34	10	–	R159753000
	301	40	10/20/40	34	10	–	R159753000
	400	50	5	46	10	–	R159754000
	401	50	10/20/40	46	10	–	R159754000

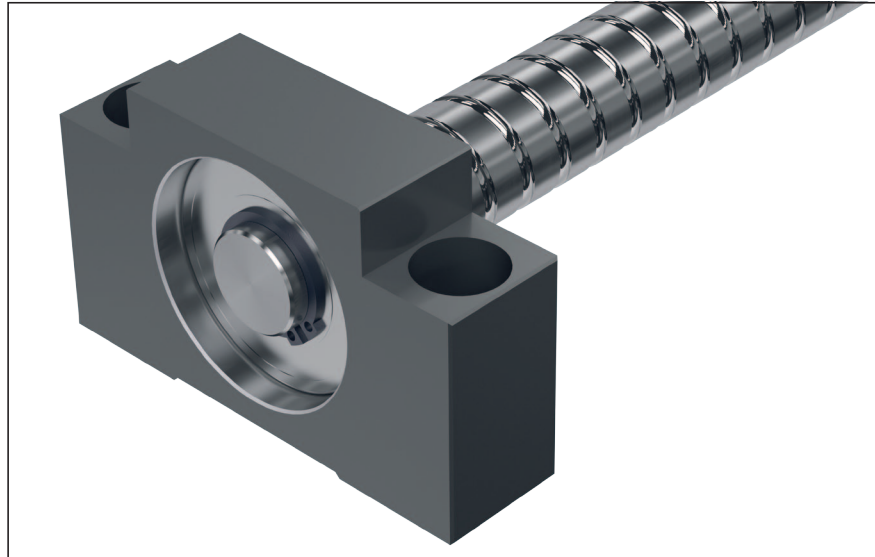
Bearings

Pillow Block Unit SED-L-S

Floating bearing with deep-groove ball bearing

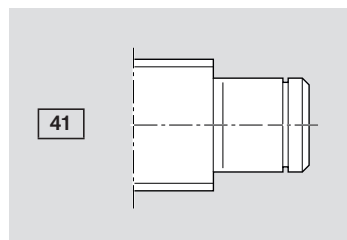
The pillow block unit consists of:

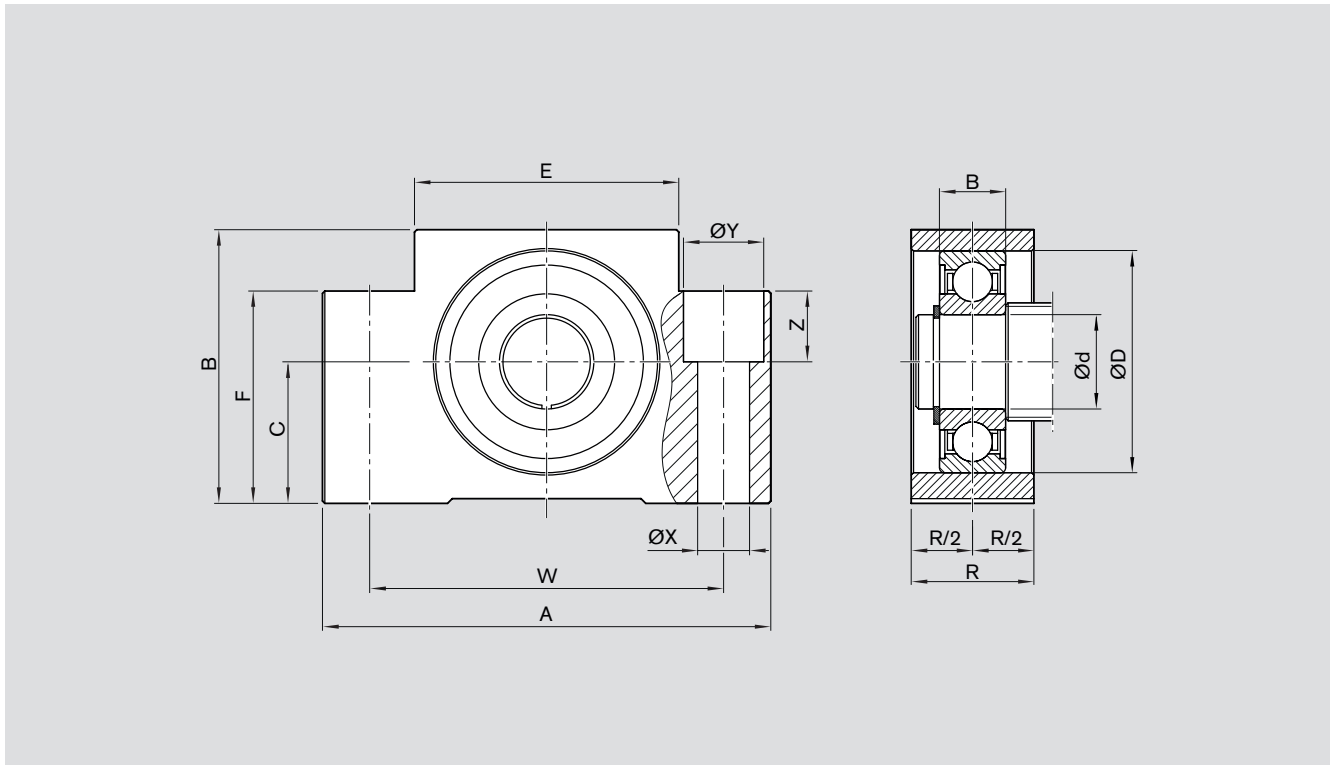
- Pillow block housing made of steel
- Deep groove ball bearing
- Retaining ring



Size d_0	Pillow block unit complete Part number	Deep groove ball bearing Load ratings, radial		Dimensions (mm)		
		dyn. C (N)	stat. C ₀ (N)	d	D	B
20	R159661500	5600	2530	15	32	9
25	R159662000	12800	6600	20	47	14
32	R159662500	14000	7850	25	52	15

Suitable for screw ends: Form





Size	Dimensions (mm)										Mass complete	
	A	B	C	E	F	R	W	X	Y	Z		m (kg)
d ₀ 20	80	50	30	41	40	20	60	9	14	11		0.40
25	95	58	30	56	45	26	75	11	17	15		0.70
32	105	68	35	66	25	30	85	11	-	-		0.89

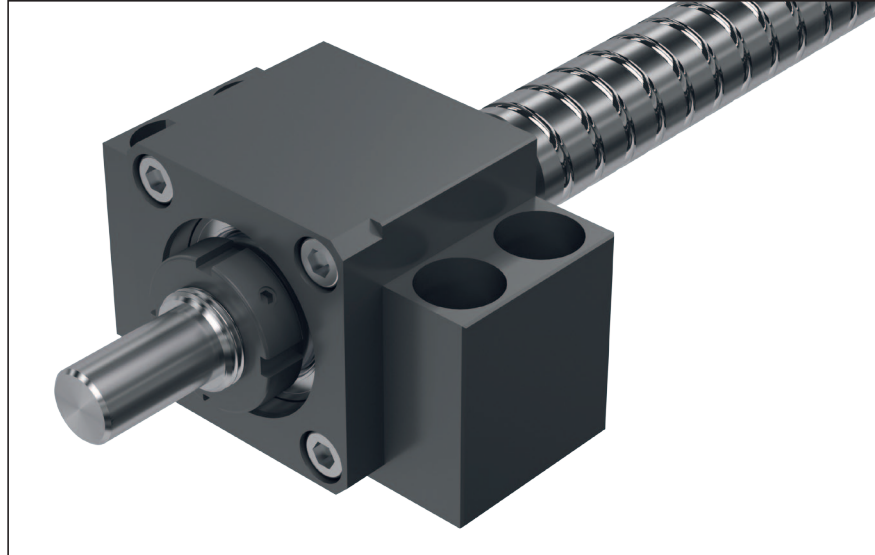
Bearings

Pillow Block Unit SED-F-Z

Fixed bearing with angular-contact thrust ball bearing

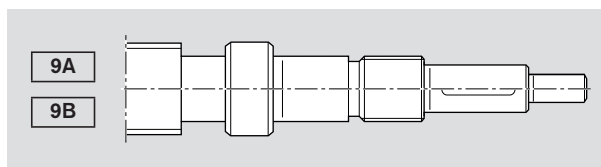
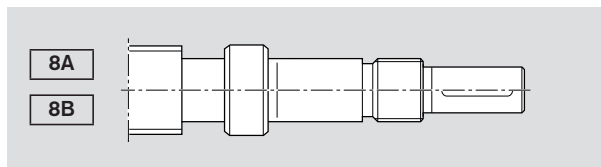
The pillow block unit consists of:

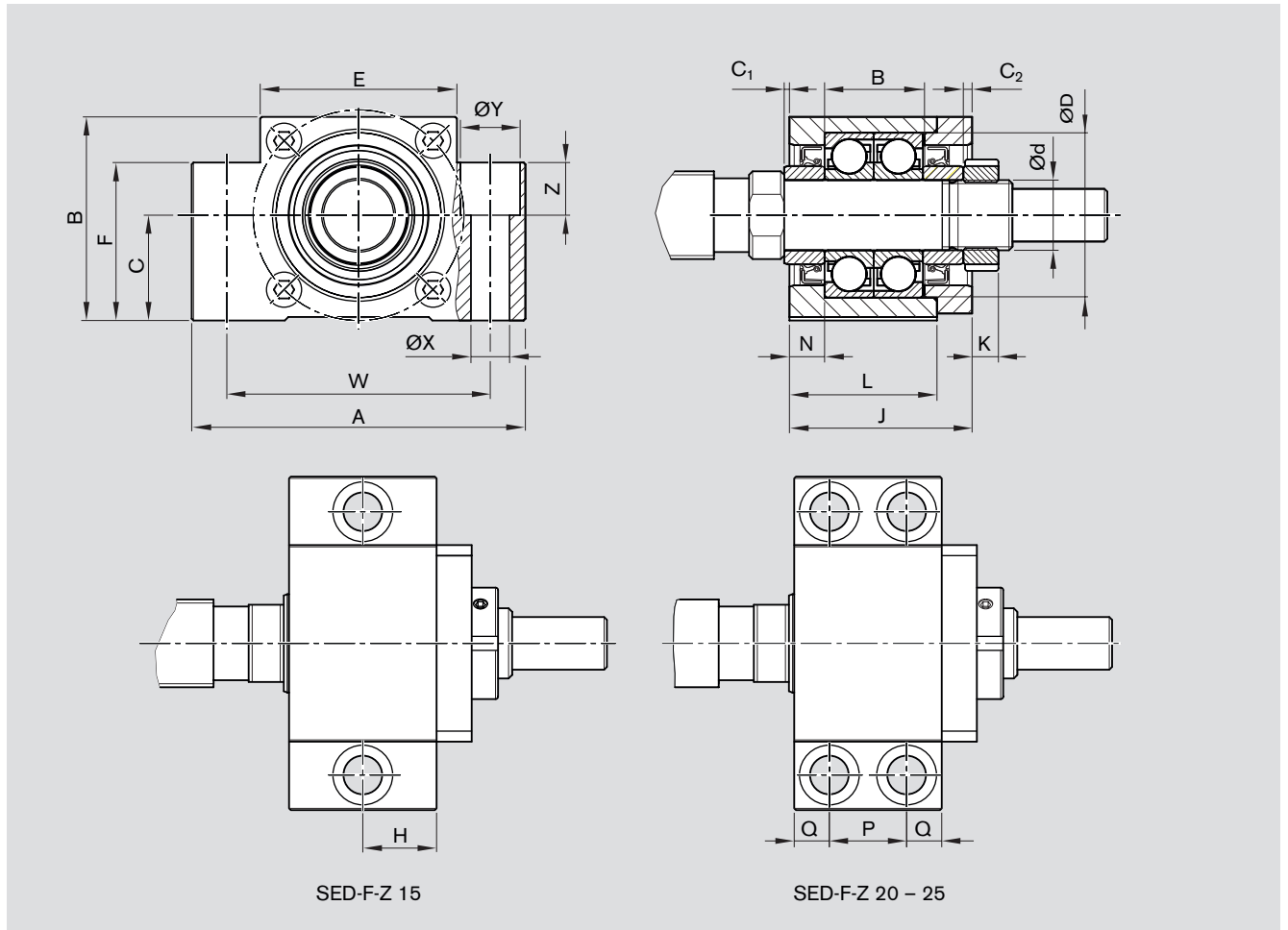
- Precision pillow block housing made of steel
- 2 preloaded angular-contact thrust ball bearing
- Slotted nut
- Cover
- Radial shaft seal ring



Size	Pillow block unit complete	Angular-contact thrust ball bearings			Dimensions (mm)			Slotted nut M _A (Nm)
		dyn. C (N)	stat. C ₀ (N)	max. axial loads (N)	d	D	B	
d ₀	Part number							
20	R159651500	8800	12700	5490	15	32	18	10
25	R159652000	18600	27500	12900	20	47	28	18
32	R159652500	21000	34900	15600	25	52	30	25

Suitable for screw ends: Form





Size	Dimensions (mm)																		Mass complete m (kg)
	A	B	C	E	F	L	J	K	C ₁	C ₂	N	H	P	Q	W	X	Y	Z	
d ₀ 20	80	50	30	41	40	25	31	7	1.5	1.5	5	12.5	-	-	60	11	17	15	0.62
25	95	58	30	56	45	42	52	8	1.5	2.5	10	-	22	10	75	11	17	15	1.39
32	105	68	35	66	25	48	61	10	0.0	3.4	14	-	30	9	85	11	-	-	1.92

Bearings

Flange Bearing Unit SEE-F-Z

Fixed bearing with angular-contact thrust ball bearings

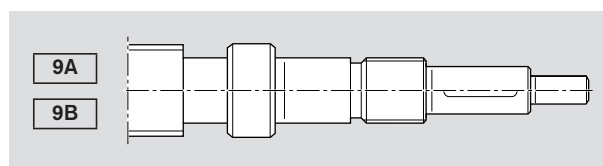
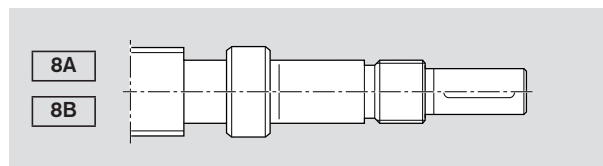
The pillow block unit consists of:

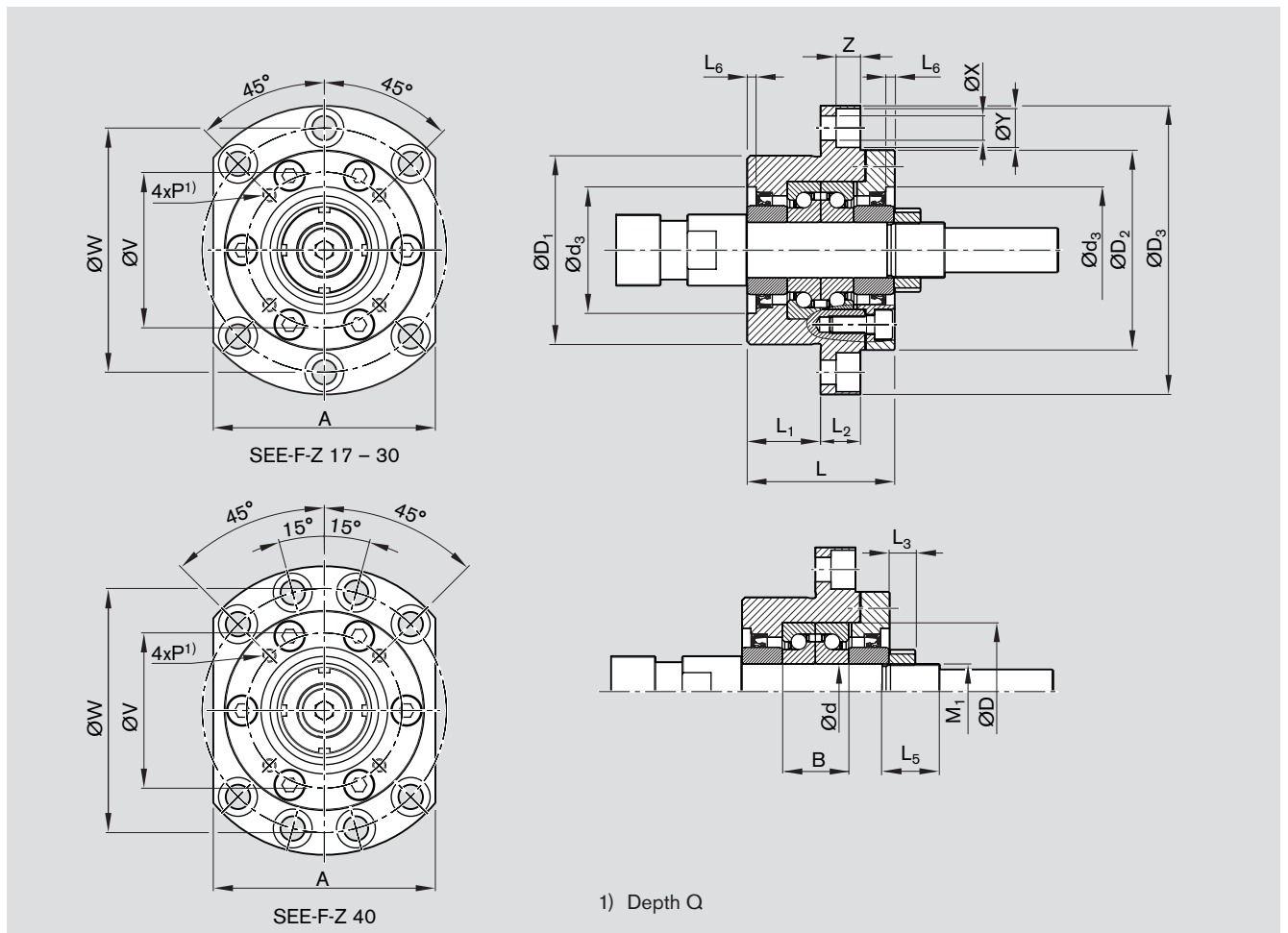
- precision pillow block housing with flange made of steel
- 2 preloaded angular-contact thrust ball bearing
- Slotted nut
- Cover
- Radial shaft seal ring



Size d_0	Pillow block unit complete Part number	Angular-contact thrust ball bearings			Dimensions (mm)			Slotted nut M_A (Nm)
		dyn. C (N)	stat. C_0 (N)	max. axial loads (N)	d	D	B	
20	R159751700	25900	40500	32000	17	47	30	15
25	R159752000	25900	40500	32000	20	47	30	18
32	R159752500	29900	58500	46400	25	62	30	25
40	R159753000	29900	58500	46400	30	62	30	32
50	R159754000	32500	73000	54300	40	72	30	55

Suitable for screw ends: Form





Size	Dimensions (mm)																	Mass complete
	d_0	D_1	D_2	D_3	L	L_1	L_2	L_3	A	d_3	L_6	W	X	Y	Z	V	P	
20	70	72	106	60	32	15	10	80	45	3	88	9	14.0	8.5	58	M5	10	1.84
25	70	72	106	60	32	15	10	80	45	3	88	9	14.0	8.5	58	M5	10	1.81
32	85	90	130	66	33	18	12	100	57	4	110	11	17.5	11.0	70	M6	12	3.13
40	85	90	130	66	33	18	12	100	57	4	110	11	17.5	11.0	70	M6	12	3.03
50	95	102	142	66	33	18	14	106	69	4	121	11	17.5	11.0	80	M6	12	3.47

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