

Carriage and guideway separate, guideway with symmetrical hole pattern:

Carriages	Carriage for four-row linear ball bearing and guideway assembly	KWVE
	Size	25
	Carriage type, full complement	B
	Long carriage	L
	Preload class	V2
	Accuracy class	G3
Ordering designation	2× KWVE25-B-L-V2-G3 , <i>Figure 29</i>	
Guideway	Guideway for carriage	TKVD
	Size	25
	Accuracy class	G3
	Length of guideway	1570 mm
	a_L a_R	35 mm 35 mm
Ordering designation	1× TKVD25-G3/1570-35/35 , <i>Figure 29</i>	

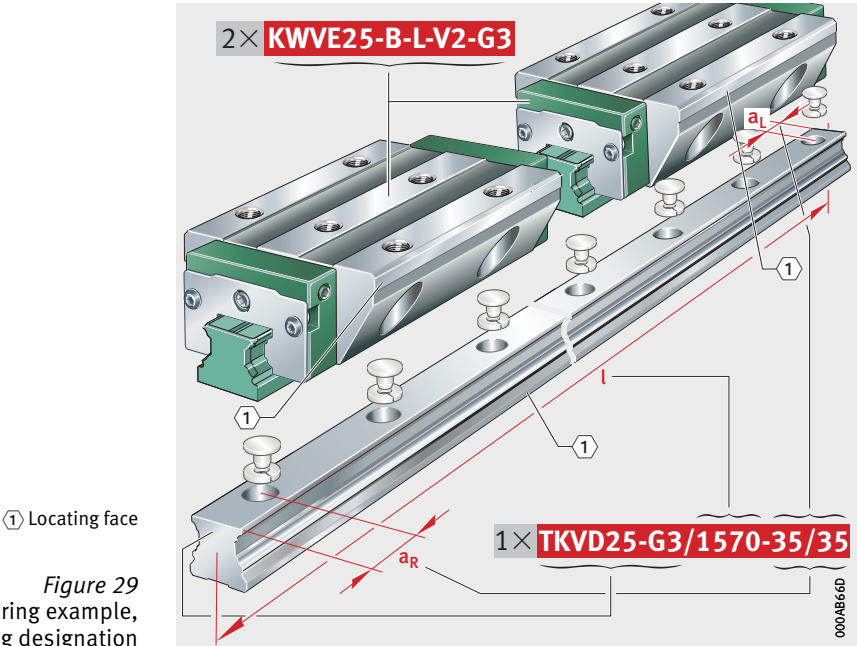
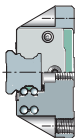


Figure 29
Ordering example,
ordering designation

Four-row linear recirculating ball bearing and guideway assemblies

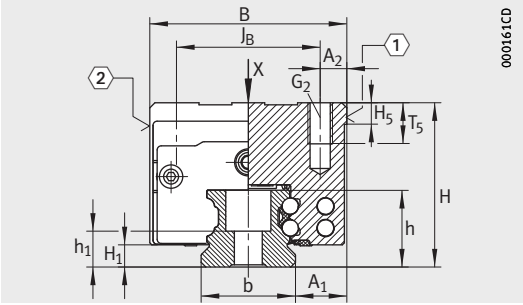
Full complement
H, S and SN carriages

Dimension table - Dimensions in mm											
Designation	Dimensions				Mounting dimensions						
	$l_{\max}^{2)}$	H	B	L	A_1	J_B	b -0,005 -0,03	A_2	L_1	L_s	J_L
KUVE15-B-H	2 880	28	34	61,2	9,5	26	15	4	39,8	1,3	26
KUVE15-B-S		24									
KUVE20-B-H ⁴⁾	5 880	30	44	71,4	12	32	20	6	50,4	1,3	36
KUVE20-B-S ⁴⁾		30									
KUVE20-B-SN		27									
KUVE25-B-H	5 880	40	48	83,3	12,5	35	23	6,5	60,7	1,65	35
KUVE25-B-S		36									
KUVE25-B-SN		31									
KUVE30-B-H	5 860	45	60	99	16	40	28	10	72	1,65	40
KUVE30-B-S		42									
KUVE30-B-SN		38									
KUVE35-B-H	5 860	55	70	112	18	50	34	10	80	1,65	50
KUVE35-B-S		48									
KUVE35-B-SN		44									
KUVE45-B-H	5 835	70	86	140,6	20,5	60	45	13	102,5	2,2	60
KUVE45-B-S		60									
KUVE45-B-SN		52									
KUVE55-B-S	5 820	70	100	173,6	23,5	75	53	12,5	132	2,2	75

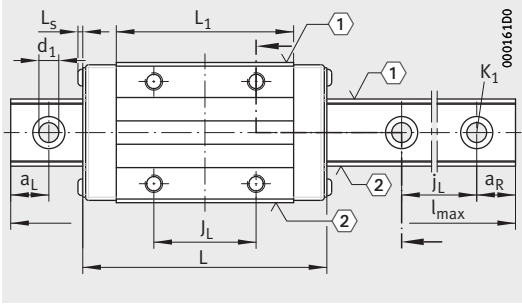
For further table values, see page 318 and page 319.

① Locating face. ② Marking.

- 1) The stated torques represent maximum values for the secure transmission of forces in vibration-free, quasistatic applications ($S_0 = 1$). We recommend that the tightening torques for the screw connection of the adjacent construction should be determined at the customer under the conditions specific to the application and operation, observing the information in VDI Guideline 2230 Part 1 (2015) and the information in this description, see page 69 and page 26.
- 2) Maximum length of single-piece guideways.
Permissible number of guideway segments, see page 309.
- 3) a_L and a_R are dependent on the guideway length.
- 4) KUVE20-B-H and KUVE20-B-S are 100% identical in dimensions and performance.
If a KUVE20-B-H is ordered, the order confirmation will contain the designation KUVE20-B-S.



KUVE...-B-H, KUVE...-B-S, KUVE...-B-SN



KUVE...-B-H, KUVE...-B-S, KUVE...-B-SN
View X rotated 90°

								Fixing screws ¹⁾				
j _L	a _L , a _R ³⁾		H ₁	H ₅	T ₅	h	h ₁	G ₂		K ₁		d ₁
								DIN ISO 4762-12.9				
	min.	max.							M _A Nm		M _A Nm	
60	20	53	4,3	4,75	6	15	7,6	M4	5	M4	5	4,6
60	20	53	4,5	5,25	7,5	17	8,6	M5	10	M5	10	5,8
60	20	53	5,1	5,25	10	18,7	8,2	M6	17	M6	17	6,8
					7,5							
80	20	71	5,9	6,25	13,5	23,5	11	M8	41	M8	41	9
					11							
80	20	71	6,7	6,75	13,5	27	14,5	M8	41	M8	41	9
105	20	94	9,7	9,25	17	34,2	15,7	M10	83	M12	140	13,4
					16,5							
120	20	107	13,5	11,25	15	41,5	19	M12	140	M14	220	15,4

