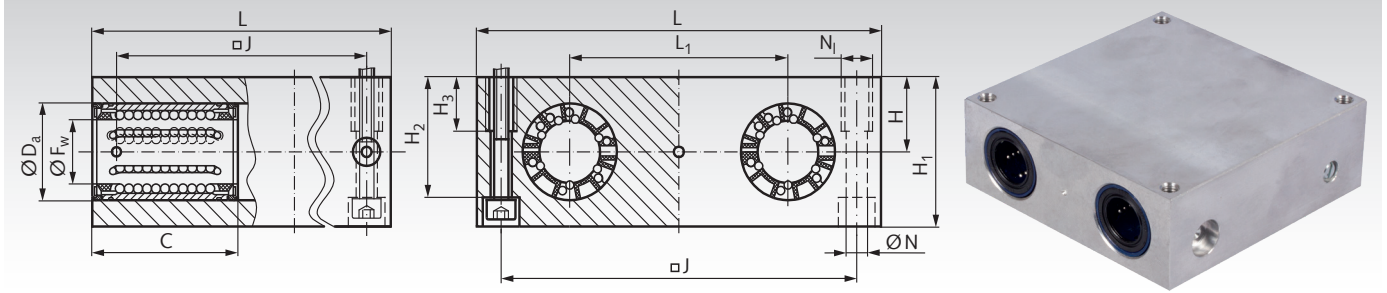


Quadro Linear-Bearing Units KGQ-3 ISO Series 3, with Premium Linear Bearings of Closed Design



Material: Housing made from extruded aluminium with four closed linear bearings of the ISO Series 3 from premium brand in top quality. With self-aligning capability that accommodates tilting. With wiping double-lip seals.

All bearings are lubricated ready-to-install.
Recommended shaft tolerance h6.
Spare linear bearing page 478.

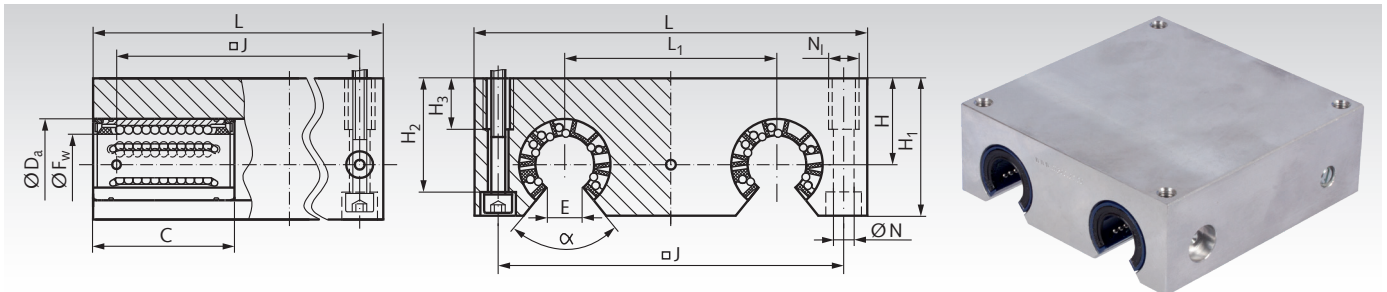
Ordering Details: e.g.: Product No. 646 912 00, Linear Bearings Unit KGQ-3, Internal Ø 12 mm

Product No. Closed	F _w mm	C mm	D _a mm	H ^{±0.02} mm	H ₁ mm	H ₂ mm	H ₃ mm	J mm	L mm	L ₁ mm	N mm	N _i * mm	Load Rating		Weight g
													dyn. C N	stat. C ₀ N	
646 912 00	12	32	22	16	32	25	13	73	85	42	5,3	M6	2850	3250	492
646 916 00	16	36	26	18	36	29	13	88	100	54	5,3	M6	3450	3450	744
646 920 00	20	45	32	23	46	37,5	18	115	130	72	6,6	M8	5200	5500	1680
646 925 00	25	58	40	28	56	45	22	140	160	88	8,4	M10	7650	8150	3022
646 930 00	30	68	47	32	64	50,5	26	158	180	96	10,5	M12	12200	12900	4270
646 940 00	40	80	62	40	80	64	34	202	230	122	13,5	M16	20800	20800	8380
646 950 00	50	100	75	48	96	80	34	250	280	152	13,5	M16	30000	28000	14990

* When mounting from the bottom side choose the next smaller screw size.

Shaft steel page 466. Shaft blocks page 475.

Quadro Linear-Bearing Units KGQ-3-O ISO Series 3, with Premium Linear Bearings of Open Design



Material: Housing made from extruded aluminium with four open linear bearings of the ISO Series 3 from premium brand in top quality. With self-aligning capability that accommodates tilting. With wiping double-lip seals.

All bearings are lubricated ready to install.
Recommended shaft tolerance h6.
Spare linear bearing page 478.

Ordering Details: e.g.: Product No. 646 912 01, Linear Bearings Unit KGQ-3-O, Internal Ø 12 mm

Product No. Open	F _w mm	C mm	D _a mm	H ^{±0.02} mm	H ₁ mm	H ₂ mm	H ₃ mm	J mm	L mm	L ₁ mm	N mm	N _i * mm	E mm	α Degrees	Load Rating		Weight g
															dyn. C N	stat. C ₀ N	
646 912 01	12	32	22	18	30	23,4	13	73	85	42	5,3	M6	7,6	78	2850	3250	426
646 916 01	16	36	26	22	35	28,4	13	88	100	54	5,3	M6	10,4	78	3450	3450	698
646 920 01	20	45	32	25	42	33,5	18	115	130	72	6,6	M8	10,8	60	5200	5500	1420
646 925 01	25	58	40	30	51	40	22	140	160	88	8,4	M10	13,2	60	7650	8150	2572
646 930 01	30	68	47	35	60	46,5	26	158	180	96	10,5	M12	14,2	50	12200	12900	3790
646 940 01	40	80	62	45	77	61	34	202	230	122	13,5	M16	18,7	50	20800	20800	7800
646 950 01	50	100	75	55	93	77	34	250	280	152	13,5	M16	23,6	50	30000	28000	13960

* When mounting from the bottom side choose the next smaller screw size.

Shaft steel with shaft support and shaft blocks page 467.