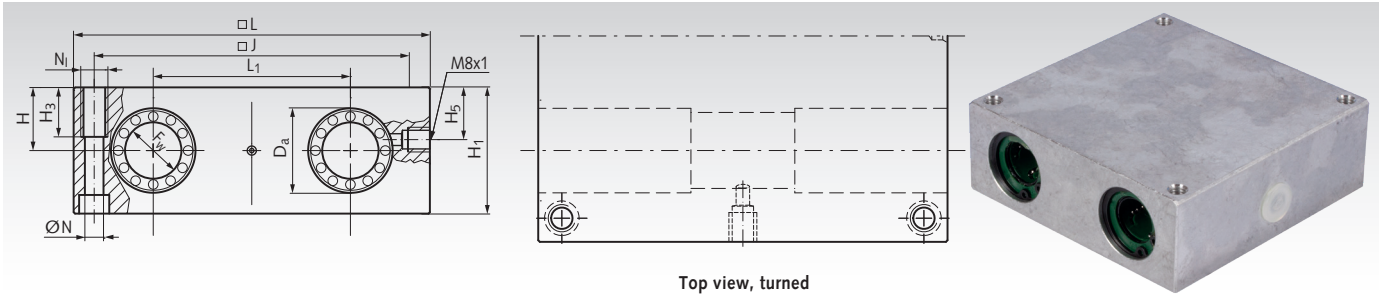


## Quadro Linear-Bearing Units KGQ-3 ISO Series 3, Easy-Line, with Linear Bearings of Closed Design



Top view, turned

**Material:** Housing made from extruded aluminium with four closed linear bearings of the ISO Series 3 from reliable brand in good quality. Our Easy-Line bushes with swimming seals are very light running. Self-aligning capability that accommodates tilting. With wiping seals.

All bearings are lubricated ready-to-install.  
Recommended shaft tolerance h6.  
Spare linear bearing page 479.

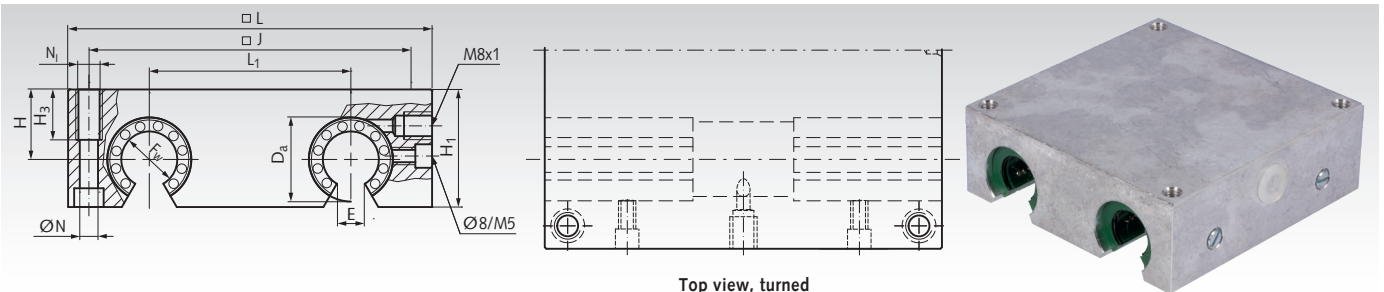
Ordering Details: e.g.: Product No. 646 912 02, Linear Bearings Unit KGQ-3, Easy-Line, Internal Ø 12 mm

Product No.	F <sub>w</sub> mm	D <sub>a</sub> mm	H±0.02 mm	H <sub>1</sub> mm	H <sub>3</sub> mm	H <sub>5</sub> mm	J mm	L mm	L <sub>1</sub> mm	N mm	N <sub>1</sub> * mm	Load Rating		Weight g
												dyn. C N	stat. C <sub>0</sub> N	
<b>646 912 02</b>	12	22	16	32	13	13	73	85	42	5,3	M6	2690	5160	520
<b>646 916 02</b>	16	26	18	36	13	15	88	100	54	5,3	M6	3300	6200	800
<b>646 920 02</b>	20	32	23	46	18	19	115	130	72	6,8	M8	5510	10520	1740
<b>646 925 02</b>	25	40	28	56	22	24	140	160	88	9,0	M10	9980	18880	3190
<b>646 930 02</b>	30	47	32	64	26	27	158	180	96	10,5	M12	14440	27240	4540
<b>646 940 02</b>	40	62	40	80	34	35	202	230	122	13,5	M16	17390	32920	8790
<b>646 950 02</b>	50	75	48	96	34	40	250	280	152	13,5	M16	28510	54000	15520

\* 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, Easy-Line, with Linear Bearings of Open Design



Top view, turned

**Material:** Housing made from extruded aluminium with four open linear bearings of the ISO Series 3 from reliable brand in good quality. Our Easy-Line bushes with swimming seals are very light running. Self-aligning capability that accommodates tilting. With wiping seals.

All bearings are lubricated ready-to-install.  
Recommended shaft tolerance h6.  
Spare linear bearing page 479.

Ordering Details: e.g.: Product No. 646 912 03, Linear Bearings Unit KGQ-3-O, Easy-Line, Internal Ø 12 mm

Product No.	F <sub>w</sub> mm	D <sub>a</sub> mm	H±0.02 mm	H <sub>1</sub> mm	H <sub>3</sub> mm	J mm	L mm	L <sub>1</sub> mm	N mm	N <sub>1</sub> * mm	E mm	Load Rating		Weight g
												C <sub>dyn.</sub> N	stat. C <sub>0</sub> N	
<b>646 912 03</b>	12	22	18	30	13	73	85	42	5,3	M6	6,5	2690	5160	470
<b>646 916 03</b>	16	26	22	35	13	88	100	54	5,3	M6	9,0	3300	6200	740
<b>646 920 03</b>	20	32	25	42	18	115	130	72	6,8	M8	9,0	5510	10520	1540
<b>646 925 03</b>	25	40	30	51	22	140	160	88	9,0	M10	11,5	9980	18880	2790
<b>646 930 03</b>	30	47	35	60	26	158	180	96	10,5	M12	14,0	14440	27240	4140
<b>646 940 03</b>	40	62	45	77	34	202	230	122	13,5	M16	19,5	17690	32920	8290
<b>646 950 03</b>	50	75	55	93	34	250	280	152	13,5	M16	22,5	28510	54000	14870

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

Shaft steel with shaft support and shaft blocks page 467.