



L1381

Material

Steel (16MnCr5 or 100Cr6), with Vulkolan seals.

Technical notes

Axial play for 5mm pitch = 0,05mm;
for 10mm pitch = 0,10mm; for multi-starts = 0,20mm.
Preload max. 5% of max. dynamic

load.

For axial run-out, concentricity and parallelism figures see technical pages.

With lubrication and fixing holes.
For use with ball screws no. L1385.

Tips

For miniature ball screws $\text{Ø}6$ to $\text{Ø}14$ see part no. L1379.

Important notes

Fit ball nut to screw using the sleeve provided. Offer up the ball nut to the screw and slide carefully on. Do not remove the ball nut from the sleeve provided - the ball bearings can come loose rendering the ball nut unusable.

Order No.	d_1 for screw Ø	Lead	$d_{2\text{ g6}}$	d_3	d_4	d_5 for	d_6	l_1	l_2	$w_{\pm 0,15}$	Ball Ø	Max. dyn. load C_k kN	Max. static load C_0 kN	Stiffness N/μ
L1381.16-05	16	5	28	48	38	M6	5,5	100	10	40	3,175	13,53	29,93	431
L1381.16-10	16	10	28	48	38	M6	5,5	118	10	40	3,175	10,82	23,55	343
L1381.20-05	20	5	36	58	47	M6	6,6	101	10	44	3,175	15,21	38,00	519
L1381.25-05	25	5	40	62	51	M6	6,6	101	10	48	3,175	16,91	48,09	608
L1381.25-10	25	10	40	62	51	M6	6,6	145	12	48	4,762	28,96	71,54	657
L1381.32-05	32	5	50	80	65	M6	9,0	102	12	62	3,175	18,85	62,21	725
L1381.32-10	32	10	50	80	65	M8	9,0	162	12	62	6,350	47,12	119,72	804
L1381.40-05	40	5	63	93	78	M6	9,0	105	14	70	3,175	20,69	78,34	853
L1381.40-10	40	10	63	93	78	M8	9,0	165	14	70	6,350	52,95	152,00	970
L1381.50-10	50	10	75	110	93	M8	11,0	171	16	85	6,350	58,88	192,35	1147
L1381.63-10	63	10	90	125	108	M8	11,0	182	18	95	6,350	65,89	248,68	1362
L1381.63-20	63	20	95	135	115	M8	13,5	290	20	100	9,525	112,23	359,44	1490
L1381.80-10	80	10	105	145	125	M8	13,5	182	20	110	6,350	72,04	313,36	1529
L1381.80-20	80	20	125	165	145	M8	13,5	295	25	130	9,525	126,61	468,24	1833