



## L1383

### 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 $\text{Ø}$	Lead	$d_2$ g6	$d_3$	$l_1$	$l_2$	$l_3$	$l_4$	$h$ $\pm 0,05$	Ball $\text{Ø}$	Max. dyn. load C kN	Max. static load $C_0$ kN	Stiffness N/ $\mu$
L1383.16-05	16	5	30	3,5	45	9	20	3,0	5	3,175	13,53	29,93	324
L1383.20-05	20	5	34	3,5	45	9	20	3,0	5	3,175	15,20	38,00	382
L1383.25-05	25	5	40	3,5	45	9	20	3,0	5	3,175	16,91	48,09	441
L1383.25-10	25	10	46	3,5	85	13	30	3,0	5	4,762	28,96	71,54	500
L1383.32-05	32	5	46	3,5	45	9	20	3,0	5	3,175	18,85	62,21	510
L1383.32-10	32	10	54	3,5	85	13	30	3,0	5	6,350	47,12	119,72	608
L1383.40-05	40	5	56	3,5	45	9	20	3,0	5	3,175	20,69	78,34	579
L1383.40-10	40	10	62	3,5	85	13	30	3,0	5	6,350	52,95	152,00	706
L1383.50-10	50	10	72	3,5	85	13	30	3,0	5	6,350	58,88	192,35	814
L1383.63-10	63	10	85	3,5	85	13	30	3,5	6	6,350	65,89	248,58	932
L1383.80-10	80	10	105	3,5	85	13	30	4,5	8	6,350	72,04	313,36	1069