



L1373

BALL SCREW & NUTS

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. L1375.

Tips

For miniature ball screws $\varnothing 6$ to $\varnothing 14$ 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	Pitch	d_2 tol. G6	d_3	$h_1 \pm 0.05$	l_1	l_2	l_3	w_1	Ball dia.	Dyn. load C kN max.	Static load C_0 kN max.	Stiffness N/ μ m
L1373.016-05	16	5	30	3.5	3	45	9	20	5	3,175	13.53	29.93	324
L1373.020-05	20	5	34	3.5	3	45	9	20	5	3,175	15.21	38.00	382
L1373.025-05	25	5	40	3.5	3	45	9	20	5	3,175	16.91	48.09	441
L1373.025-10	25	10	46	3.5	3	85	13	30	5	4,762	28.97	71.54	500
L1373.032-05	32	5	46	3.5	3	45	9	20	5	3,175	18.84	62.20	510
L1373.032-10	32	10	54	3.5	3	85	13	30	5	6,350	47.12	119.72	608
L1373.040-05	40	5	56	3.5	3	45	9	20	5	3,175	20.69	78.33	579
L1373.040-10	40	10	62	3.5	3	85	13	30	5	6,350	52.95	152.00	706