

GN 299

Longitudinal scales

• Specification

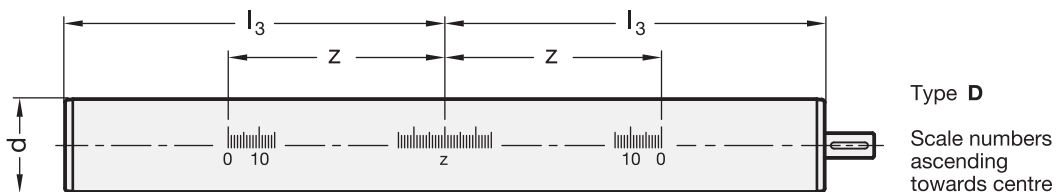
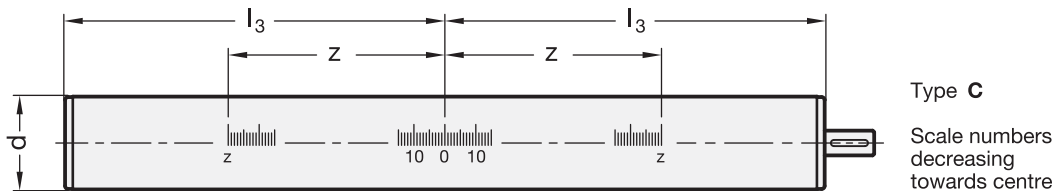
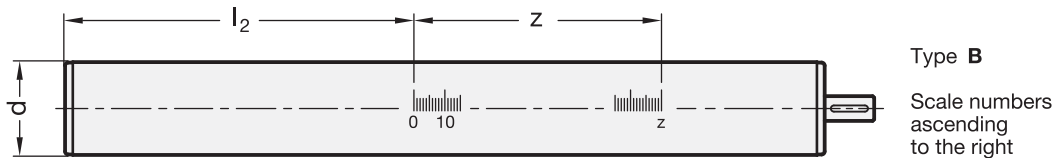
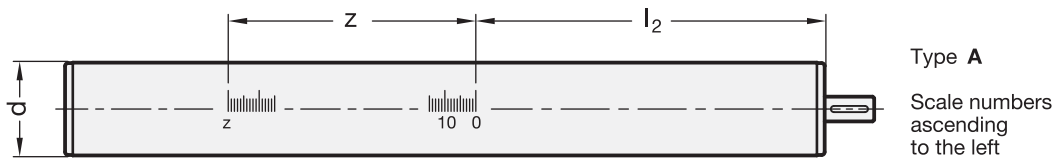
The longitudinal scales (for standard travel lengths l_1 of the linear actuator) are engraved by precision laser.

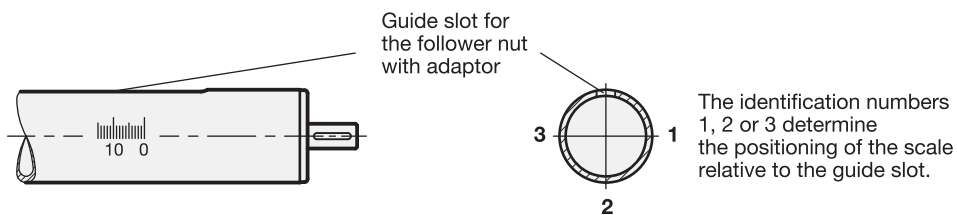
• Assembly

Longitudinal scales have to be ordered together with the linear actuators.

Features and applications

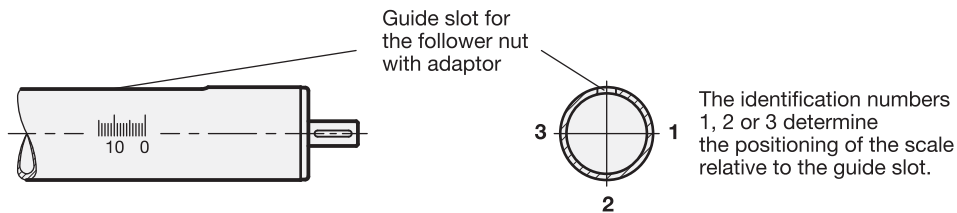
The longitudinal scales GN 299 of types A and B are normally used in connection with the linear actuator units GN 291 and GN 291.1, the scales of types C and D are normally used for the linear actuator units GN 292 and GN 293.





Standard Elements	Main dimensions				
	do Ø Linear actuator	l1 Travel (Standard lengths)	l2	l3	z Scale length or highest figure
GN 299-18-65-A*	18	65	82.5	147.5	90
GN 299-18-165-A*	18	165	82.5	247.5	190
GN 299-18-265-A*	18	265	82.5	347.5	290
GN 299-30-100-A*	30	100	122.5	222.5	120
GN 299-30-150-A*	30	150	122.5	272.5	170
GN 299-30-200-A*	30	200	122.5	322.5	220
GN 299-30-300-A*	30	300	122.5	422.5	320
GN 299-40-70-A*	40	70	142.5	217.5	90
GN 299-40-170-A*	40	170	142.5	317.5	190
GN 299-40-220-A*	40	220	142.5	367.5	240
GN 299-40-270-A*	40	270	142.5	417.5	290
GN 299-40-320-A*	40	320	142.5	467.5	340
GN 299-50-65-A*	50	65	147.5	217.5	90
GN 299-50-115-A*	50	115	147.5	267.5	140
GN 299-50-215-A*	50	215	147.5	367.5	240
GN 299-50-265-A*	50	265	147.5	417.5	290
GN 299-50-315-A*	50	315	147.5	467.5	340
GN 299-60-220-A*	60	220	182.5	402.5	240
GN 299-60-720-A*	60	720	182.5	902.5	740
GN 299-18-65-B*	18	65	82.5	147.5	90
GN 299-18-165-B*	18	165	82.5	247.5	190
GN 299-18-265-B*	18	265	82.5	347.5	290
GN 299-30-100-B*	30	100	122.5	222.5	120
GN 299-30-150-B*	30	150	122.5	272.5	170
GN 299-30-200-B*	30	200	122.5	322.5	220
GN 299-30-300-B*	30	300	122.5	422.5	320
GN 299-40-70-B*	40	70	142.5	217.5	90
GN 299-40-170-B*	40	170	142.5	317.5	190
GN 299-40-220-B*	40	220	142.5	367.5	240
GN 299-40-270-B*	40	270	142.5	417.5	290
GN 299-40-320-B*	40	320	142.5	467.5	340
GN 299-50-65-B*	50	65	147.5	217.5	90
GN 299-50-115-B*	50	115	147.5	267.5	140
GN 299-50-215-B*	50	215	147.5	367.5	240
GN 299-50-265-B*	50	265	147.5	417.5	290
GN 299-50-315-B*	50	315	147.5	467.5	340
GN 299-60-220-B*	60	220	182.5	402.5	240
GN 299-60-720-B*	60	720	182.5	902.5	740

* Complete the description of the standard item needed by adding the identification number of the scale (see drawing).



Standard Elements	Main dimensions				
Description	do Ø Linear actuator	l ₁ Travel (Standard lengths)	l ₂	l ₃	z Scale length or highest figure
GN 299-18-65-C*	18	65	82.5	147.5	90
GN 299-18-165-C*	18	165	82.5	247.5	190
GN 299-18-265-C*	18	265	82.5	347.5	290
GN 299-30-100-C*	30	100	122.5	222.5	120
GN 299-30-150-C*	30	150	122.5	272.5	170
GN 299-30-200-C*	30	200	122.5	322.5	220
GN 299-30-300-C*	30	300	122.5	422.5	320
GN 299-40-70-C*	40	70	142.5	217.5	90
GN 299-40-170-C*	40	170	142.5	317.5	190
GN 299-40-220-C*	40	220	142.5	367.5	240
GN 299-40-270-C*	40	270	142.5	417.5	290
GN 299-40-320-C*	40	320	142.5	467.5	340
GN 299-50-65-C*	50	65	147.5	217.5	90
GN 299-50-115-C*	50	115	147.5	267.5	140
GN 299-50-215-C*	50	215	147.5	367.5	240
GN 299-50-265-C*	50	265	147.5	417.5	290
GN 299-50-315-C*	50	315	147.5	467.5	340
GN 299-60-220-C*	60	220	182.5	402.5	240
GN 299-60-720-C*	60	720	182.5	902.5	740
GN 299-18-65-D*	18	65	82.5	147.5	90
GN 299-18-165-D*	18	165	82.5	247.5	190
GN 299-18-265-D*	18	265	82.5	347.5	290
GN 299-30-100-D*	30	100	122.5	222.5	120
GN 299-30-150-D*	30	150	122.5	272.5	170
GN 299-30-200-D*	30	200	122.5	322.5	220
GN 299-30-300-D*	30	300	122.5	422.5	320
GN 299-40-70-D*	40	70	142.5	217.5	90
GN 299-40-170-D*	40	170	142.5	317.5	190
GN 299-40-220-D*	40	220	142.5	367.5	240
GN 299-40-270-D*	40	270	142.5	417.5	290
GN 299-40-320-D*	40	320	142.5	467.5	340
GN 299-50-65-D*	50	65	147.5	217.5	90
GN 299-50-115-D*	50	115	147.5	267.5	140
GN 299-50-215-D*	50	215	147.5	367.5	240
GN 299-50-265-D*	50	265	147.5	417.5	290
GN 299-50-315-D*	50	315	147.5	467.5	340
GN 299-60-220-D*	60	220	182.5	402.5	240
GN 299-60-720-D*	60	720	182.5	902.5	740

* Complete the description of the standard item needed by adding the identification number of the scale (see drawing).