

Adjustable Slide Units

SPECIFICATION

Types

- Type **D**: with control knob
- Type **H**: with handwheel (from size 50 upwards)
- Type **DN**: with control knob and digital position indicator DD51 (from size 50 upwards) (see page 718)
- Type **DR**: with control knob and digital position indicator DD51 (from size 50 upwards) (see page 718)
- Type **HN**: with handwheel and digital position indicator DD51 (from size 50 upwards) (see page 718)
- Type **HR**: with handwheel and digital position indicator DD51 (from size 50 upwards) (see page 718)
- Type **S**: without adjustable spindle and operating element (i. e. for mounting a pneumatic cylinder)

Identification No.

- No. **1**: Without adjustable hand lever
- No. **2**: With adjustable hand lever

Slides / End plates

Aluminum press formed

Anodized extrusion, natural color

Guide shafts

Stainless steel

Drive

- Lead spindle / Ball bearing
Stainless steel
- Lead nut
Plastic

Fixing screws

Stainless steel

Control knob / Scale ring

Aluminum, black anodized



INFORMATION

Adjustable slide units GN 900 can be combined with a range of adaptors to give various axis configurations.

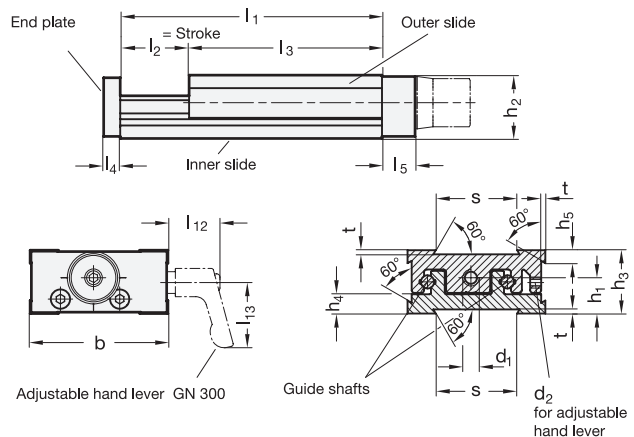
These fastening units and connecting sets (GN 900.1, GN 900.2, GN 900.3) can be clamped to the adjustable slide units in a rapid and simple way.

For fine adjustment there is a scale ring graduated in increments of 0.05 mm, with digital position indicator 0.02 mm.

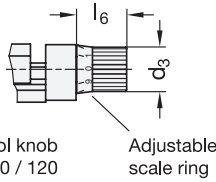
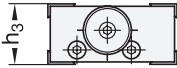
Furthermore this adjustable slide units (Type D, with control knob) is rust proof.

ACCESSORY

- Disc handwheels VDN.FP (see page 162)
- Position Indicators BSA-N51 (see page)



Linear motion components 20



Type of control knob
for size 50 / 80 / 120

Adjustable
scale ring

Type of control knob
for size 30

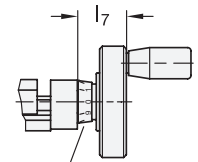
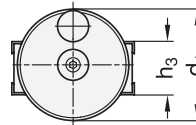
* Complete with identification no. of the adjustable slide unit (1 or 2)

- | | |
|-------------------------------|----------------------------|
| 1 | 2 |
| without adjustable hand lever | with adjustable hand lever |

GN 900-D

Description	b	l1 - l2	d1	d2	d3	d4	d5	h1	h2	h3	h4	h5	h6	h7	h8	l3	l4	l5	l6	l7	l8	l9	l10	l11	l12	l13	s	t	△
GN 900-30-50-5-D-*	30	50-5	M4 x 0.5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	77
GN 900-30-55-10-D-*	30	55-10	M4 x 0.5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	80
GN 900-30-60-15-D-*	30	60-15	M4 x 0.5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	85
GN 900-30-65-20-D-*	30	65-20	M4 x 0.5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	97
GN 900-50-95-25-D-*	50	95-25	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	293
GN 900-50-120-50-D-*	50	120-50	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	340
GN 900-50-145-75-D-*	50	145-75	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	366
GN 900-50-170-100-D-*	50	170-100	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	400
GN 900-80-145-25-D-*	80	145-25	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1060
GN 900-80-170-50-D-*	80	170-50	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1100
GN 900-80-195-75-D-*	80	195-75	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1220
GN 900-80-220-100-D-*	80	220-100	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1301
GN 900-120-185-25-D-*	120	185-25	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2768
GN 900-120-210-50-D-*	120	210-50	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2950
GN 900-120-235-75-D-*	120	235-75	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3118
GN 900-120-260-100-D-*	120	260-100	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3288

Weight identification no. 1



Adjustable scale ring

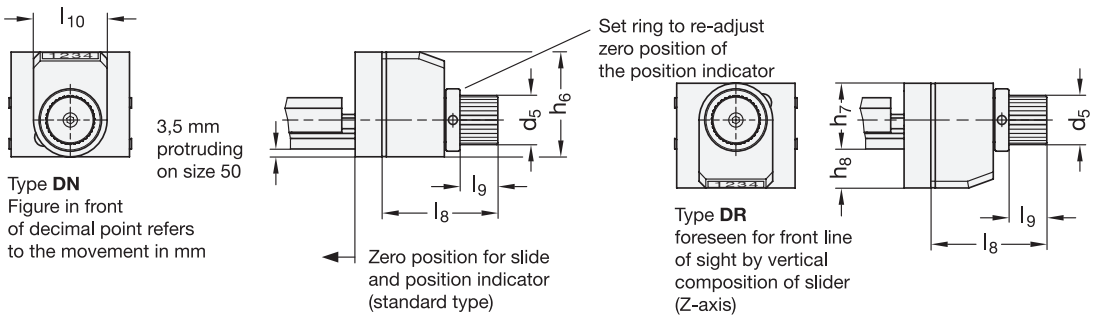
* Complete with identification no. of the adjustable slide unit (1 or 2)

- | | |
|-------------------------------|----------------------------|
| 1 | 2 |
| without adjustable hand lever | with adjustable hand lever |

GN 900-H

Description	b	l1 - l2	d1	d2	d3	d4	d5	h1	h2	h3	h4	h5	h6	h7	h8	l3	l4	l5	l6	l7	l8	l9	l10	l11	l12	l13	s	t	△
GN 900-50-95-25-H-*	50	95-25	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	355
GN 900-50-120-50-H-*	50	120-50	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	380
GN 900-50-145-75-H-*	50	145-75	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	421
GN 900-50-170-100-H-*	50	170-100	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	455
GN 900-80-145-25-H-*	80	145-25	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1200
GN 900-80-170-50-H-*	80	170-50	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1260
GN 900-80-195-75-H-*	80	195-75	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1380
GN 900-80-220-100-H-*	80	220-100	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1444
GN 900-120-185-25-H-*	120	185-25	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2983
GN 900-120-210-50-H-*	120	210-50	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3143
GN 900-120-235-75-H-*	120	235-75	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3334
GN 900-120-260-100-H-*	120	260-100	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3503

Weight identification no. 1



* Complete with identification no. of the adjustable slide unit (1 or 2)

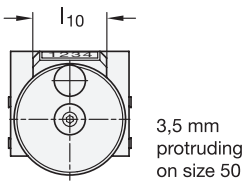
- 1 without adjustable hand lever
- 2 with adjustable hand lever

GN 900-DN/DR

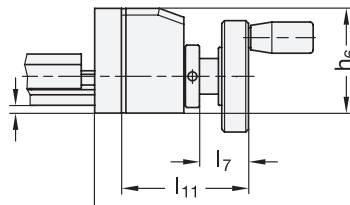
Description	b	l1 - l2	d1	d2	d3	d4	d5	h1	h2	h3	h4	h5	h6	h7	h8	l3	l4	l5	l6	l7	l8	l9	l10	l11	l12	l13	s	t	Δ
GN 900-50-95-25-DN-*	50	95-25	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	370
GN 900-50-120-50-DN-*	50	120-50	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	426
GN 900-50-145-75-DN-*	50	145-75	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	486
GN 900-50-170-100-DN-*	50	170-100	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	520
GN 900-80-145-25-DN-*	80	145-25	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1200
GN 900-80-170-50-DN-*	80	170-50	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1250
GN 900-80-195-75-DN-*	80	195-75	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1340
GN 900-80-220-100-DN-*	80	220-100	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1400
GN 900-120-185-25-DN-*	120	185-25	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2922
GN 900-120-210-50-DN-*	120	210-50	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3121
GN 900-120-235-75-DN-*	120	235-75	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3413
GN 900-120-260-100-DN-*	120	260-100	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3463
GN 900-50-95-25-DR-*	50	95-25	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	420
GN 900-50-120-50-DR-*	50	120-50	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	465
GN 900-50-145-75-DR-*	50	145-75	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	493
GN 900-50-170-100-DR-*	50	170-100	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	562
GN 900-80-145-25-DR-*	80	145-25	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1180
GN 900-80-170-50-DR-*	80	170-50	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1263
GN 900-80-195-75-DR-*	80	195-75	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1330
GN 900-80-220-100-DR-*	80	220-100	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1415
GN 900-120-185-25-DR-*	120	185-25	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2900
GN 900-120-210-50-DR-*	120	210-50	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3074
GN 900-120-235-75-DR-*	120	235-75	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3244
GN 900-120-260-100-DR-*	120	260-100	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3424

Weight identification no. 1

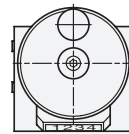




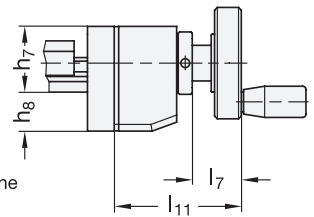
Type HN
Figure in front of decimal point refers to the movement in mm



Zero position for slide and position indicator (standard type)



Type HR
foreseen for front line of sight by vertical composition of slider (Z-axis)



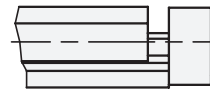
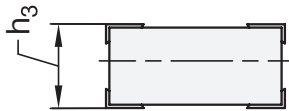
* Complete with identification no. of the adjustable slide unit (1 or 2)

- 1 without adjustable hand lever
- 2 with adjustable hand lever

GN 900-HN/HR

Description	b	l1 - l2	d1	d2	d3	d4	d5	h1	h2	h3	h4	h5	h6	h7	h8	l3	l4	l5	l6	l7	l8	l9	l10	l11	l12	l13	s	t	Δ
GN 900-50-95-25-HN-*	50	95-25	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	480
GN 900-50-120-50-HN-*	50	120-50	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	500
GN 900-50-145-75-HN-*	50	145-75	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	540
GN 900-50-170-100-HN-*	50	170-100	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	580
GN 900-80-145-25-HN-*	80	145-25	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1344
GN 900-80-170-50-HN-*	80	170-50	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1350
GN 900-80-195-75-HN-*	80	195-75	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1489
GN 900-80-220-100-HN-*	80	220-100	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1560
GN 900-120-185-25-HN-*	120	185-25	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3135
GN 900-120-210-50-HN-*	120	210-50	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3335
GN 900-120-235-75-HN-*	120	235-75	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3627
GN 900-120-260-100-HN-*	120	260-100	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3677
GN 900-50-95-25-HR-*	50	95-25	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	480
GN 900-50-120-50-HR-*	50	120-50	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	540
GN 900-50-145-75-HR-*	50	145-75	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	550
GN 900-50-170-100-HR-*	50	170-100	M6 x 1	M 4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	800
GN 900-80-145-25-HR-*	80	145-25	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1320
GN 900-80-170-50-HR-*	80	170-50	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1406
GN 900-80-195-75-HR-*	80	195-75	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1282
GN 900-80-220-100-HR-*	80	220-100	M8 x 1	M 5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1560
GN 900-120-185-25-HR-*	120	185-25	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3122
GN 900-120-210-50-HR-*	120	210-50	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3288
GN 900-120-235-75-HR-*	120	235-75	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3457
GN 900-120-260-100-HR-*	120	260-100	M10 x 1	M 5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	3637

Weight identification no. 1



* Complete with identification no. of the adjustable slide unit (1 or 2)

- 1 without adjustable hand lever
- 2 with adjustable hand lever

GN 900-S

Description	b	l1 - l2	d1	d2	d3	d4	d5	h1	h2	h3	h4	h5	h6	h7	h8	l3	l4	l5	l6	l7	l8	l9	l10	l11	l12	l13	s	t	⚖️
GN 900-30-50-5-S-*	30	50-5	M4 x 0,5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	70
GN 900-30-55-10-S-*	30	55-10	M4 x 0,5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	76
GN 900-30-60-15-S-*	30	60-15	M4 x 0,5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	80
GN 900-30-65-20-S-*	30	65-20	M4 x 0,5	M3	14	-	-	9.3	16	17	4	3	33	-	-	45	4	6	20	-	-	-	-	-	28	22	16	1	88
GN 900-50-95-25-S-*	50	95-25	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	252
GN 900-50-120-50-S-*	50	120-50	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	276
GN 900-50-145-75-S-*	50	145-75	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	306
GN 900-50-170-100-S-*	50	170-100	M6 x 1	M4	17	50	22	13	22.5	23	7	4.5	47	29	18	70	6	12	20	22	52	24	33	57	36	30	30	1.5	340
GN 900-80-145-25-S-*	80	145-25	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	950
GN 900-80-170-50-S-*	80	170-50	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1000
GN 900-80-195-75-S-*	80	195-75	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1080
GN 900-80-220-100-S-*	80	220-100	M8 x 1	M5	22	80	22	20.5	35.5	36	10	10	51	37	10	120	8	16	24	31	55	27	33	66	25	30	50	2	1160
GN 900-120-185-25-S-*	120	185-25	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2500
GN 900-120-210-50-S-*	120	210-50	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2700
GN 900-120-235-75-S-*	120	235-75	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2829
GN 900-120-260-100-S-*	120	260-100	M10 x 1	M5	34	100	34	26.3	45	46	13.8	10	57	45	5	160	10	18	34	46	69	41	33	81	25	30	80	2	2975

Weight identification no. 1