

Guide rails and carriages – size 27



Complete Set



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complete system ► Page 946

Type	Size	Options
NW - 01 - 27 - HT - LLY		
drylin® N	Guide carriages	Type of carriage
		Rail width
		High temperature
		Floating bearing in y-direction

Type of carriage:

See selection aid

Options:

P: Preload

HT: High temperature

Floating bearing:

LLY: Floating y-direction

LLZ: Floating z-direction

LLYZ: Floating yz-direction

Guide rail – dimensions [mm]

Part No.	L max.	a	C4	C5: C6 Min. max.	h	h1	K1 ⁷³⁾	ly [mm ⁴]	Iz [mm ⁴]	Weight [g/m]
NS-01-27- ⁷²⁾	3,000	27	60	20 49.5	9	1.1	Ø4.5	6,524	588	290
NS-01-27-UNGEBOHRT- ⁷²⁾	3,000	27	–	– –	9	1.1	–	6,524	588	290
NS-01-27-AR- ⁷²⁾	3,000	27	60	20 49.5	9	1.1	Ø4.5	6,524	588	290

Guide carriage – dimensions [mm]

Part No.	H ±0.35	A	C	C1	C2	H2	K ⁷³⁾	K3 ⁷⁴⁾	M ⁷⁵⁾	Sp	Dp	Weight [g]
NW-01-27	9.5	14.0	40	30	20	1.2	Ø4.5	–	–	–	–	10.8
NW-11-27	9.5	14.0	34	30	20	1.2	Ø4.5	–	–	–	–	10.8
NW-01-27-P	9.5	14.0	40	30	20	1.2	Ø4.5	–	–	–	–	10.8
NW-01-27-HT	9.5	14.0	40	30	20	1.2	Ø4.5	–	–	–	–	11.0
NW-02-27	9.5	14.0	40	30	20	–	–	M4	1.2	5.0	6.5	12.5
NW-12-27	9.5	14.0	34	30	20	–	–	M4	1.2	5.0	6.5	12.5
NW-02-27-P	9.5	14.0	40	30	20	–	–	M4	1.2	5.0	6.5	12.5
NW-02-27-HT	9.5	14.0	40	30	20	–	–	M4	–	5.0	6.5	13.0
NW-21-27-60-P	9.5	14.0	60	60	20	0.7	Ø4.5	–	–	–	–	9.0
NW-22-27-60-P	9.5	14.0	60	60	20	–	–	M4	1.2	5.0	6.5	12.0
NW-31-27-60-P	9.5	14.0	60	60	40	0.7	–	M4	–	–	–	9
NW-32-27-60-P	9.5	14.0	60	60	40	–	–	M4	1.2	5	6.5	12
NW-11-27-80	9.5	14.0	80	76	60	1.2	Ø4.5	–	–	–	–	25.0
NW-12-27-80	9.5	14.0	80	76	60	–	–	M4	1.2	5.0	6.5	25.0

⁷²⁾ Please give the desired length in mm, hole pitches symmetrical C5=C6

⁷³⁾ For cap screw with low head (i.e. DIN 7984, DIN 6912, DIN 84, EN ISO 1707)

⁷⁴⁾ Metal thread ⁷⁵⁾ Max. screw torque



All elements can be ordered individually or as assembled systems

NS-01-27-1500: Guide rail, size 27, length 1,500 mm

NW-02-27-P-LLY: Guide carriage with threaded pin, size 27, pre-load, floating bearing in y-direction

NK-02-27-02-500-LLY: Complete system with two clipped-on guide carriages with threaded pins, size 27, floating bearing in y-direction and 500 mm guide rails with standard holes