



**2 Type**

- N** Normal cam roller carriage, central arrangement
- R** Radial cam roller carriage, lateral arrangement
- S** Narrow cam roller carriage, central arrangement

**3 Version**

- X** With wiper for fixed bearing rail (X-rail)
- U** With wiper for floating bearing rail (U-rail)

**Metric table**



Dimensions in: millimeters - inches

Type N											
h <sub>1</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	d <sub>1</sub>	d <sub>2</sub>	h <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	m	A/F	
18	8.3	16.5	7.2	14	M 5	17	76	62	52	8	
0.71	0.33	0.65	0.28	0.55		0.67	2.99	2.44	2.05	0.31	
28	12.3	24.1	10	22.4	M 5	25	116	102	78	13	
1.10	0.48	0.95	0.39	0.88		0.98	4.57	4.02	3.07	0.51	
43	21	37.5	15	35	M 8	40	148	134	114	15	
1.69	0.83	1.48	0.59	1.38		1.57	5.83	5.28	4.49	0.59	

Type S / Type R																			
h <sub>1</sub>	b <sub>1</sub>	b <sub>2</sub>		b <sub>3</sub>		d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	h <sub>2</sub>		h <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	m		s	t	A/F	
Rail		Type S	Type R	Type S	Type R		Type S	Type R		Type S	Type R			Type S	Type R				
18	8.3	15	17.3	5.7	8	14	M 5	M 5	M 4	9.5	20	4	74	60	20	20	17	8	8
0.71	0.33	0.59	0.68	0.22	0.31	0.55				0.37	0.79	0.16	2.91	2.36	0.79	0.79	0.67	0.31	0.31
28	12.3	23.8	24.1	9.7	10	22.4	M 5	M 6	M 5	15	30	4	94	80	35	36	24.5	10	13
1.10	0.48	0.94	0.95	0.38	0.39	0.88				0.59	1.18	0.16	3.70	3.15	1.38	1.42	0.96	0.39	0.51
35	16.5	30	30	12	12	28	M 6	M 8	M 6	20	36	3	114	100	45	45	29.5	15	15
1.38	0.65	1.18	1.18	0.47	0.47	1.10				0.79	1.42	0.12	4.49	3.94	1.77	1.77	1.16	0.59	0.59
43	21	37	37.5	14.5	15	35	M 8	M 8	M 6	25	45	4	134	120	55	56	38.5	16	15
1.69	0.83	1.46	1.48	0.57	0.59	1.38				0.98	1.77	0.16	5.28	4.72	2.17	2.20	1.52	0.63	0.59

**Specification**

- Base body
  - Aluminum (Type N / Type R)
  - Steel (Type S)
  - Zinc plated, blue passivated finish
- Cam rollers
  - Rolling bearing steel, hardened
  - Ball bearing, sealed (2RS)
  - Permanent lubrication
- Wiper
  - Plastic PUR, gray
  - Steel insert, zinc plated
- RoHS compliant

**Information**

GN 2424 cam roller carriages are combined with GN 2422 cam roller linear guide rails to build cam roller linear guide rail systems. They are used in mechanical engineering or jigmaking for the linear movement of plant equipment. Depending on the cam roller carriage type, these can be mounted in axial or radial direction to the roller axes. Depending on the rail type, matching wipers are mounted, with type N featuring additional sealing lips in longitudinal direction.

**On request**

- Cam roller carriages with more than 3 rollers
- Other cam roller arrangements

<p>How to order</p> <p><b>GN 2424-35-S-X</b></p>	1 2 3	1 Height h <sub>1</sub>
	1 2 3	2 Type
	1 2 3	3 Version

3.1  
3.2  
3.3  
3.4  
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