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## ASN22

Partial extension consisting of a guide rail and a slider. This compact size and simple design allow very high load capacities. The high system rigidity is formed in connection with the adjacent construction.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

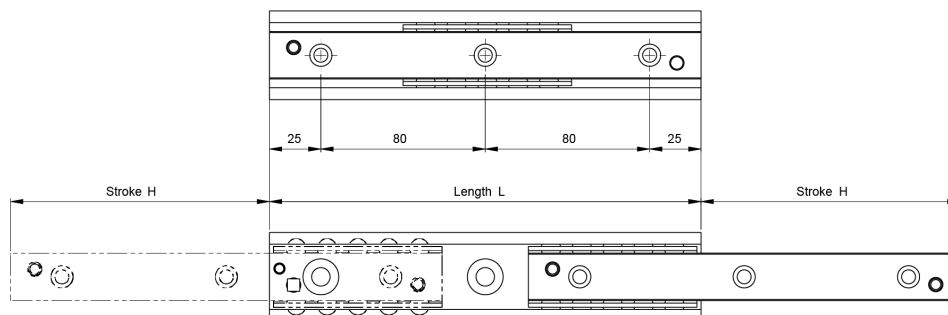
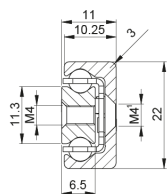
System Load Capacity Radial, System Load Capacity Axial, System Moment Capacity  $M_y$  and System Moment Capacity  $M_z$  values refers to a pair of rails.

$M_x$  moment value refers to a single rail. The  $M_x$  system capacity depends on the width of the system and the load capacity radial.

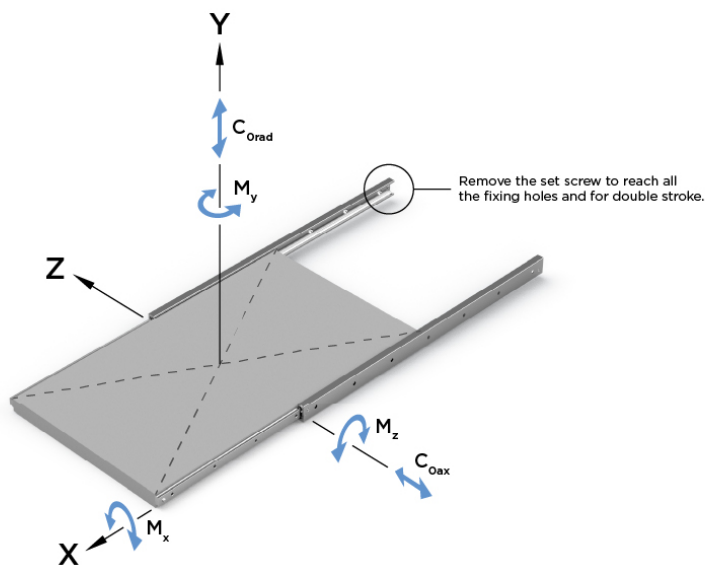


## General Data

ASN22



\* Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
ASN22-130	130	76	1.32	626	438
ASN22-210	210	111	1.32	1430	1002
ASN22-290	290	154	1.32	1988	1392
ASN22-370	370	196	1.32	2556	1790
ASN22-450	450	231	1.32	3402	2380
ASN22-530	530	274	1.32	3958	2770
ASN22-610	610	316	1.32	4524	3168
ASN22-690	690	351	1.32	5378	3764
ASN22-770	770	394	1.32	5934	4154

Designation	System Moment Capacity $M_y$ (Nm)	System Moment Capacity $M_z$ (Nm)	$M_x$ moment (Nm)	Number of Fixing Holes
ASN22-130	20	30	5.7	2
ASN22-210	72	102	10.7	3
ASN22-290	138	198	14.9	4
ASN22-370	226	324	19	5
ASN22-450	360	516	24	6
ASN22-530	496	710	28.2	7

## General Data

Designation	System Moment Capacity My (Nm)	System Moment Capacity Mz (Nm)	Mx moment (Nm)	Number of Fixing Holes
ASN22-610	654	934	32.3	8
ASN22-690	872	1246	37.3	9
ASN22-770	1078	1538	41.5	10

## ASN28

Partial extension consisting of a guide rail and a slider. This compact size and simple design allow very high load capacities. The high system rigidity is formed in connection with the adjacent construction.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

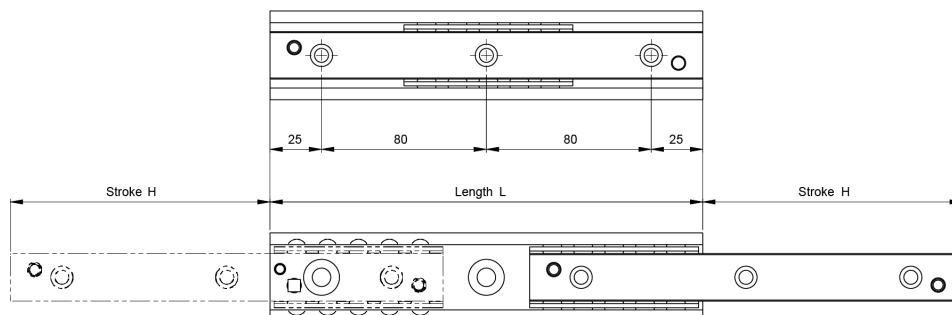
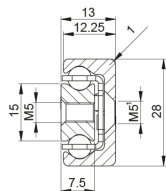
System Load Capacity Radial, System Load Capacity Axial, System Moment Capacity  $M_y$  and System Moment Capacity  $M_z$  values refers to a pair of rails.

$M_x$  moment value refers to a single rail. The  $M_x$  system capacity depends on the width of the system and the load capacity radial.

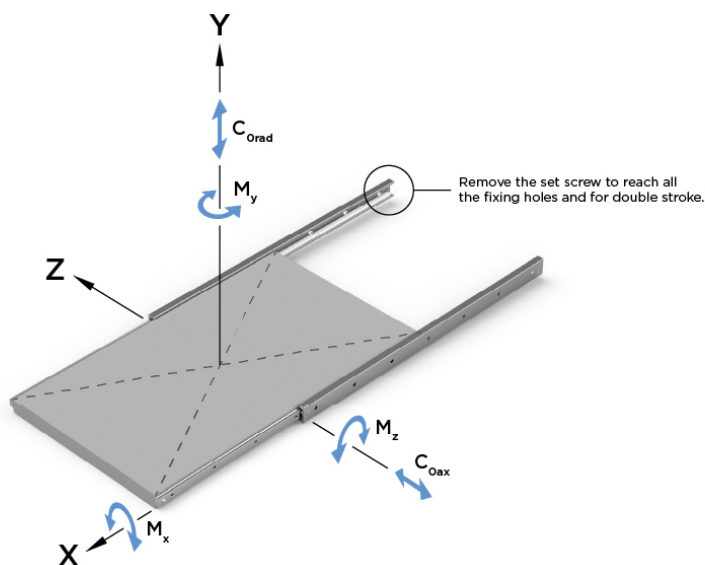


## General Data

ASN28



\* Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
ASN28-130	130	74	2.02	1226	858
ASN28-210	210	116	2.02	2232	1562
ASN28-290	290	148	2.02	3868	2708
ASN28-370	370	190	2.02	4890	3422
ASN28-450	450	232	2.02	5910	4138
ASN28-530	530	274	2.02	6932	4852
ASN28-610	610	316	2.02	7952	5566
ASN28-690	690	358	2.02	8974	6282
ASN28-770	770	400	2.02	9994	6996
ASN28-850	850	433	2.02	11656	8160
ASN28-930	930	475	2.02	12676	8872
ASN28-1010	1010	517	2.02	13696	9586
ASN28-1090	1090	559	2.02	14716	10300
ASN28-1170	1170	601	2.02	15736	11014

Designation	System Moment Capacity $M_y$ (Nm)	System Moment Capacity $M_z$ (Nm)	$M_x$ moment (Nm)	Number of Fixing Holes
ASN28-130	40	56	15.3	2

## General Data

Designation	System Moment Capacity My (Nm)	System Moment Capacity Mz (Nm)	Mx moment (Nm)	Number of Fixing Holes
ASN28-210	114	164	26.1	3
ASN28-290	264	376	39.6	4
ASN28-370	426	610	50.4	5
ASN28-450	628	898	61.2	6
ASN28-530	870	1242	72	7
ASN28-610	1150	1642	82.8	8
ASN28-690	1470	2100	93.6	9
ASN28-770	1828	2612	104.4	10
ASN28-850	2330	3330	117.9	11
ASN28-930	2778	3968	128.7	12
ASN28-1010	3262	4660	139.5	13
ASN28-1090	3788	5410	150.3	14
ASN28-1170	4350	6216	161.1	15

## ASN35

Partial extension consisting of a guide rail and a slider. This compact size and simple design allow very high load capacities. The high system rigidity is formed in connection with the adjacent construction.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

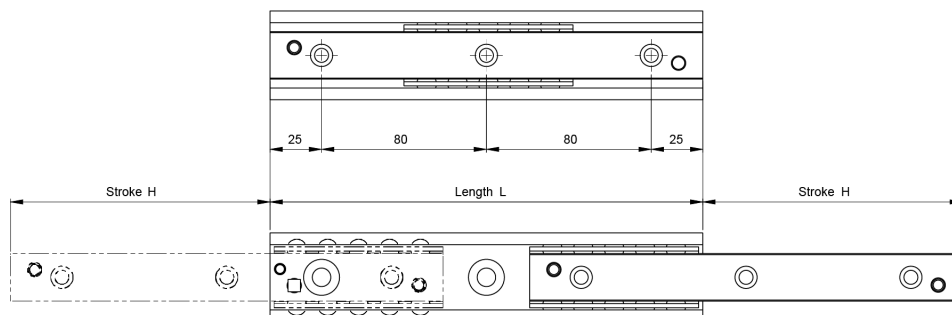
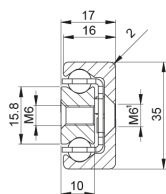
System Load Capacity Radial, System Load Capacity Axial, System Moment Capacity  $M_y$  and System Moment Capacity  $M_z$  values refers to a pair of rails.

$M_x$  moment value refers to a single rail. The  $M_x$  system capacity depends on the width of the system and the load capacity radial.

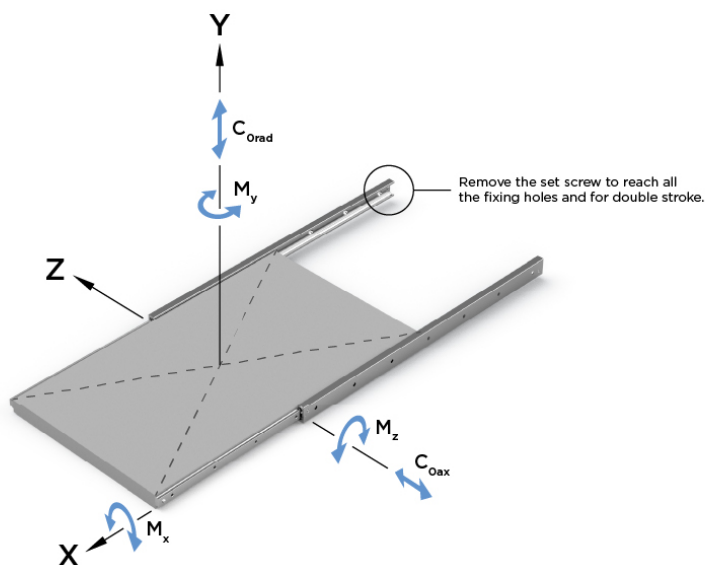


## General Data

ASN35



\* Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
ASN35-210	210	127	3.05	2130	1492
ASN35-290	290	159	3.05	4120	2884
ASN35-370	370	203	3.05	5276	3694
ASN35-450	450	247	3.05	6434	4504
ASN35-530	530	279	3.05	8564	5994
ASN35-610	610	323	3.05	9716	6802
ASN35-690	690	367	3.05	10870	7608
ASN35-770	770	399	3.05	13042	9130
ASN35-850	850	443	3.05	14190	9932
ASN35-930	930	487	3.05	15338	10736
ASN35-1010	1010	519	3.05	17530	12272
ASN35-1090	1090	563	3.05	18674	13072
ASN35-1170	1170	607	3.05	19818	13874
ASN35-1250	1250	639	3.05	22024	15416
ASN35-1330	1330	683	3.05	23164	16214
ASN35-1410	1410	727	3.05	24306	17014
ASN35-1490	1490	759	3.05	26520	18564

## General Data

Designation	System Moment Capacity My (Nm)	System Moment Capacity Mz (Nm)	Mx moment (Nm)	Number of Fixing Holes
ASN35-210	114	164	29.4	3
ASN35-290	292	416	46.9	4
ASN35-370	476	680	59.9	5
ASN35-450	708	1010	73	6
ASN35-530	1086	1550	90.4	7
ASN35-610	1422	2030	103.5	8
ASN35-690	1804	2576	116.6	9
ASN35-770	2382	3404	134	10
ASN35-850	2870	4100	147.1	11
ASN35-930	3404	4862	160.2	12
ASN35-1010	4184	5978	177.6	13
ASN35-1090	4824	6890	190.7	14
ASN35-1170	5508	7868	203.8	15
ASN35-1250	6490	9272	221.2	16
ASN35-1330	7280	10400	234.3	17
ASN35-1410	8116	11594	247.4	18
ASN35-1490	9300	13286	264.8	19

## ASN43

Partial extension consisting of a guide rail and a slider. This compact size and simple design allow very high load capacities. The high system rigidity is formed in connection with the adjacent construction.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

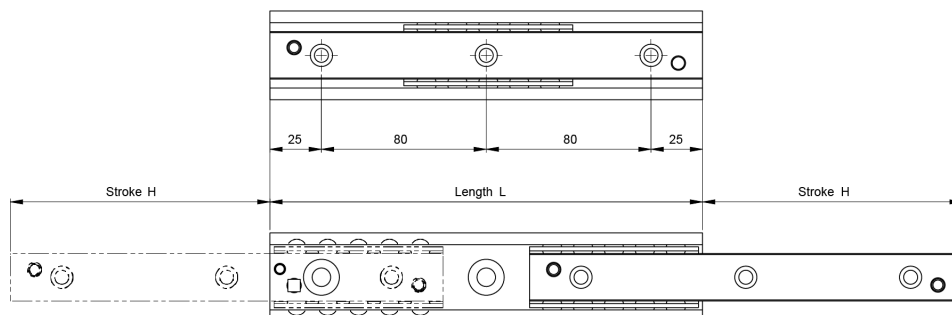
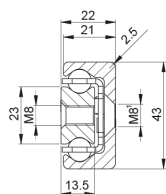
System Load Capacity Radial, System Load Capacity Axial, System Moment Capacity  $M_y$  and System Moment Capacity  $M_z$  values refers to a pair of rails.

$M_x$  moment value refers to a single rail. The  $M_x$  system capacity depends on the width of the system and the load capacity radial.

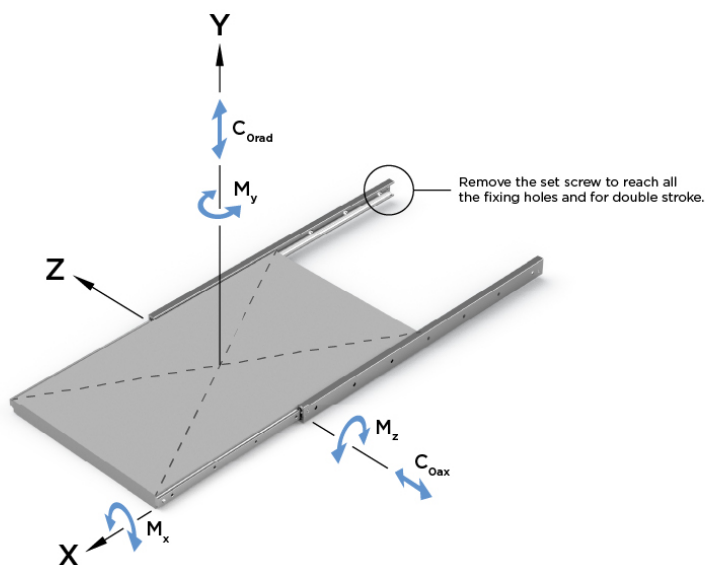


## General Data

ASN43



\* Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
ASN43-210	210	123	5.25	3190	2234
ASN43-290	290	158	5.25	5744	4020
ASN43-370	370	208	5.25	6754	4728
ASN43-450	450	243	5.25	9380	6566
ASN43-530	530	278	5.25	12078	8454
ASN43-610	610	313	5.25	14822	10376
ASN43-690	690	363	5.25	15726	11008
ASN43-770	770	398	5.25	18464	12926
ASN43-850	850	433	5.25	21230	14862
ASN43-930	930	483	5.25	22108	15476
ASN43-1010	1010	518	5.25	24868	17408
ASN43-1090	1090	568	5.25	25754	18028
ASN43-1170	1170	603	5.25	28508	19956
ASN43-1250	1250	638	5.25	31276	21894
ASN43-1330	1330	688	5.25	32150	22504
ASN43-1410	1410	723	5.25	34912	24438
ASN43-1490	1490	758	5.25	37690	26382

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
ASN43-1570	1570	793	5.25	40476	28334
ASN43-1650	1650	843	5.25	41322	28926
ASN43-1730	1730	878	5.25	44104	30872
ASN43-1810	1810	928	5.25	44958	31472
ASN43-1890	1890	963	5.25	47734	33414
ASN43-1970	1970	1013	5.25	48596	34018

Designation	System Moment Capacity My (Nm)	System Moment Capacity Mz (Nm)	Mx moment (Nm)	Number of Fixing Holes
ASN43-210	168	240	60.6	3
ASN43-290	402	576	93.8	4
ASN43-370	616	880	115.9	5
ASN43-450	1018	1456	149.2	6
ASN43-530	1524	2176	182.4	7
ASN43-610	2128	3042	215.6	8
ASN43-690	2588	3698	237.8	9
ASN43-770	3362	4804	271	10
ASN43-850	4238	6054	304.2	11
ASN43-930	4878	6968	326.4	12
ASN43-1010	5922	8460	359.6	13
ASN43-1090	6674	9534	381.8	14
ASN43-1170	7886	11266	415	15
ASN43-1250	9198	13142	448.2	16
ASN43-1330	10130	14472	470.4	17
ASN43-1410	11612	16590	503.6	18
ASN43-1490	13196	18850	536.8	19
ASN43-1570	14880	21256	570.1	20
ASN43-1650	16058	22940	592.2	21
ASN43-1730	17912	25588	625.5	22
ASN43-1810	19202	27432	647.6	23
ASN43-1890	21224	30320	680.8	24
ASN43-1970	22628	32324	703	25

## ASN63

Partial extension consisting of a guide rail and a slider. This compact size and simple design allow very high load capacities. The high system rigidity is formed in connection with the adjacent construction.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

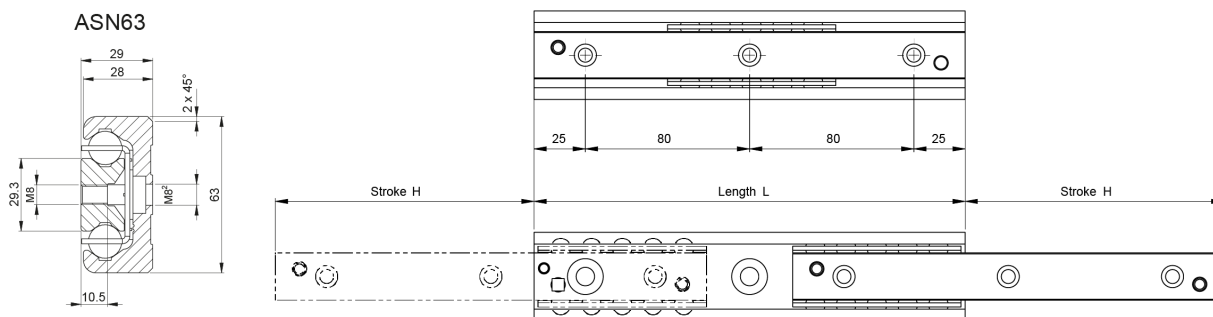
Dimensions in mm.

System Load Capacity Radial, System Load Capacity Axial, System Moment Capacity  $M_y$  and System Moment Capacity  $M_z$  values refers to a pair of rails.

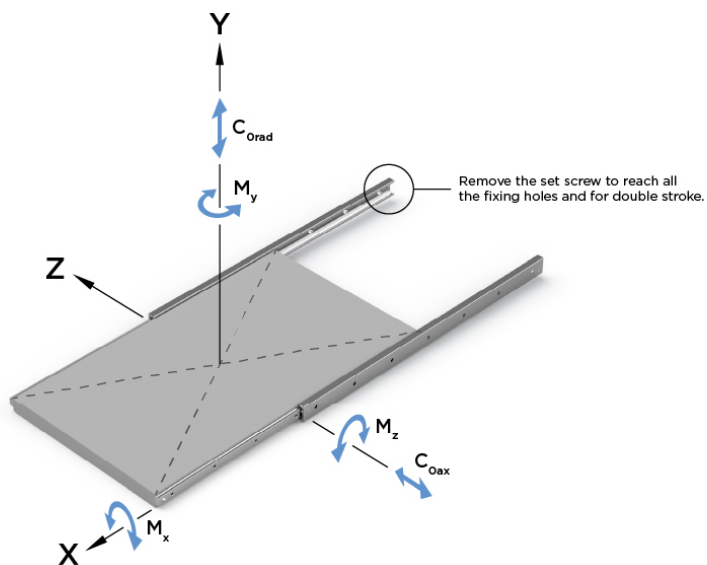
$M_x$  moment value refers to a single rail. The  $M_x$  system capacity depends on the width of the system and the load capacity radial.



## General Data



\* Fixing holes for socket cap screws according to DIN 7984.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
ASN63-610	610	333	10.3	21182	14828
ASN63-690	690	373	10.3	25068	17548
ASN63-770	770	413	10.3	28978	20284
ASN63-850	850	453	10.3	32904	23032
ASN63-930	930	493	10.3	36842	25790
ASN63-1010	1010	533	10.3	40790	28554
ASN63-1090	1090	573	10.3	44746	31322
ASN63-1170	1170	613	10.3	48708	34096
ASN63-1250	1250	653	10.3	52674	36872
ASN63-1330	1330	693	10.3	56644	39650
ASN63-1410	1410	733	10.3	60618	42432
ASN63-1490	1490	773	10.3	64594	45216
ASN63-1570	1570	813	10.3	68574	48002
ASN63-1650	1650	853	10.3	72554	50788
ASN63-1730	1730	893	10.3	76536	53576
ASN63-1810	1810	933	10.3	80522	56364
ASN63-1890	1890	973	10.3	84506	59154

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
ASN63-1970	1970	1013	10.3	88494	61946

Designation	System Moment Capacity My (Nm)	System Moment Capacity Mz (Nm)	Mx moment (Nm)	Number of Fixing Holes
ASN63-610	3106	4438	474	8
ASN63-690	4144	5920	547.5	9
ASN63-770	5332	7616	621	10
ASN63-850	6668	9526	294.5	11
ASN63-930	8154	11648	768	12
ASN63-1010	9788	13984	841.4	13
ASN63-1090	11574	16534	914.9	14
ASN63-1170	13508	19296	988.4	15
ASN63-1250	15590	22272	1061.9	16
ASN63-1330	17824	25462	1135.4	17
ASN63-1410	20204	28864	1208.9	18
ASN63-1490	22736	32480	1282.4	19
ASN63-1570	25416	36310	1355.9	20
ASN63-1650	28246	40352	1429.4	21
ASN63-1730	31226	44608	1502.8	22
ASN63-1810	34354	49078	1576.3	23
ASN63-1890	37632	53760	1649.8	24
ASN63-1970	41060	58656	1723.3	25

## DSS28

Full extension consisting of two guide rails made of fixed and movable elements and an S-shaped intermediate element. This has a high moment of inertia and high rigidity with slim size. This results in a high loading capacity with low deflection in the extended state.

The DS series is available in three different designs: Version S with one-sided extension, Version B with locking in the extracted state for one-sided extension (DSB) and Version D with double-sided extension (DSD).

Number of holes shown in table are accessible holes/total holes.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

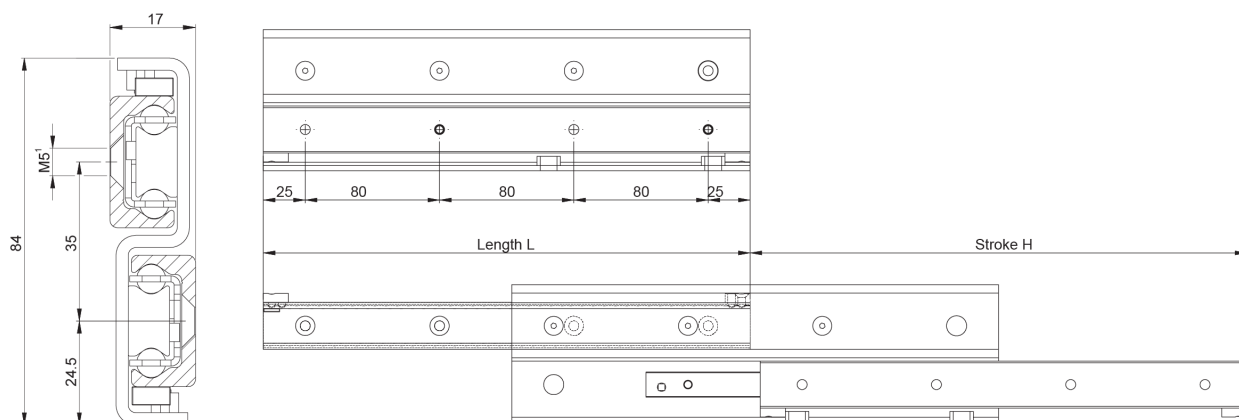
Dimensions in mm.

System Load Capacity Radial value refers to a pair of rails.

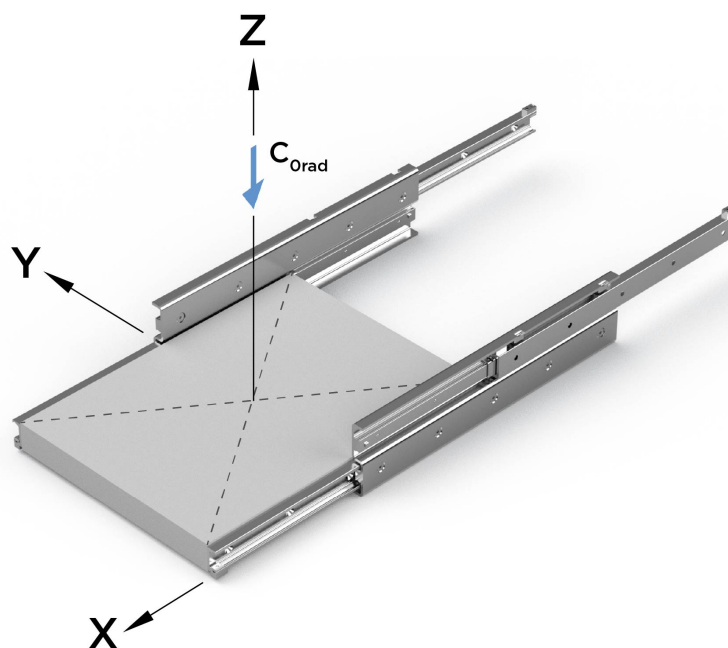


## General Data

DSS28



<sup>1</sup> Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
DSS28-290	290	296	6.4	1140	3/4
DSS28-370	370	380	6.4	1538	4/5
DSS28-450	450	464	6.4	1938	4/6
DSS28-530	530	548	6.4	2340	6/7
DSS28-610	610	630	6.4	2752	6/8
DSS28-690	690	714	6.4	3154	7/9
DSS28-770	770	798	6.4	3556	7/10
DSS28-850	850	864	6.4	4222	9/11
DSS28-930	930	950	6.4	4480	9/12
DSS28-1010	1010	1034	6.4	4108	10/13
DSS28-1090	1090	1118	6.4	3792	10/14

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
<b>DSS28-1170</b>	1170	1202	6.4	3522	12/15
<b>DSS28-1250</b>	1250	1266	6.4	3390	12/16
<b>DSS28-1330</b>	1330	1350	6.4	3172	13/17
<b>DSS28-1410</b>	1410	1434	6.4	2980	13/18
<b>DSS28-1490</b>	1490	1518	6.4	2810	15/19

## DSS43

Full extension consisting of two guide rails made of fixed and movable elements and an S-shaped intermediate element. This has a high moment of inertia and high rigidity with slim size. This results in a high loading capacity with low deflection in the extended state.

The DS series is available in three different designs: Version S with one-sided extension, Version B with locking in the extracted state for one-sided extension (DSB) and Version D with double-sided extension (DSD).

Number of holes shown in table are accessible holes/total holes.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

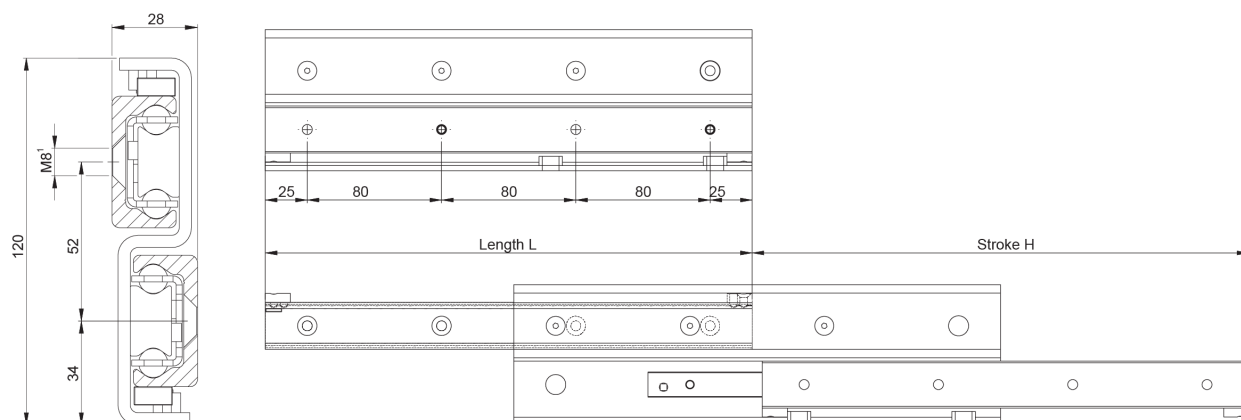
Dimensions in mm.

System Load Capacity Radial value refers to a pair of rails.

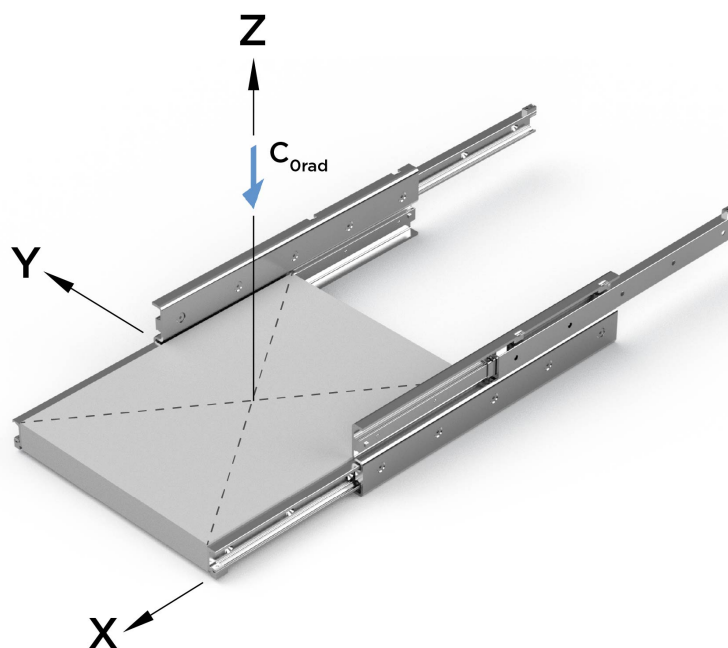


## General Data

DSS43



<sup>1</sup> Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
DSS43-530	530	556	14.6	4122	6/7
DSS43-610	610	626	14.6	5206	6/8
DSS43-690	690	726	14.6	5550	7/9
DSS43-770	770	796	14.6	6638	7/10
DSS43-850	850	866	14.6	7746	9/11
DSS43-930	930	966	14.6	8072	9/12
DSS43-1010	1010	1036	14.6	9180	10/13
DSS43-1090	1090	1106	14.6	10208	11/14
DSS43-1170	1170	1206	14.6	9220	12/15
DSS43-1250	1250	1276	14.6	8796	12/16
DSS43-1330	1330	1376	14.6	8054	13/17

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
DSS43-1410	1410	1446	14.6	7728	13/18
DSS43-1490	1490	1516	14.6	7426	15/19
DSS43-1570	1570	1616	14.6	6890	15/20
DSS43-1650	1650	1686	14.6	6650	16/21
DSS43-1730	1730	1756	14.6	6426	16/22
DSS43-1810	1810	1856	14.6	6022	18/23
DSS43-1890	1890	1926	14.6	5838	18/24
DSS43-1970	1970	2026	14.6	5500	19/25

## DSD28

Full extension consisting of two guide rails made of fixed and movable elements and an S-shaped intermediate element. This has a high moment of inertia and high rigidity with slim size. This results in a high loading capacity with low deflection in the extended state.

The DS series is available in three different designs: Version S with one-sided extension, Version B with locking in the extracted state for one-sided extension (DSB) and Version D with double-sided extension (DSD).

Number of holes shown in table are accessible holes/total holes.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

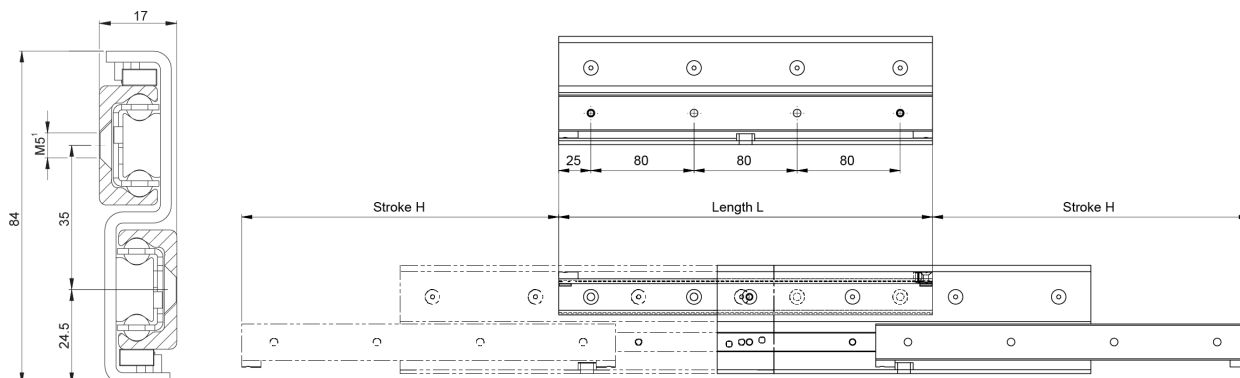
Dimensions in mm.

System Load Capacity Radial value refers to a pair of rails.

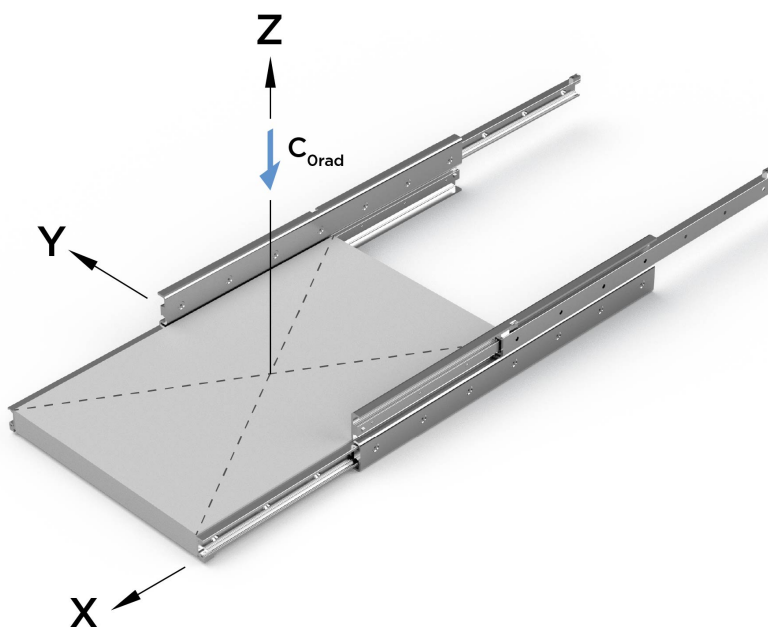


## General Data

DSD28



<sup>1</sup> Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
DSD28-290	290	246	6.4	1790	4/4
DSD28-370	370	326	6.4	2210	4/5
DSD28-450	450	406	6.4	2634	6/6
DSD28-530	530	486	6.4	3252	6/7
DSD28-610	610	566	6.4	3674	8/8
DSD28-690	690	646	6.4	4100	8/9
DSD28-770	770	726	6.4	4524	10/10
DSD28-850	850	806	6.4	4950	10/11
DSD28-930	930	886	6.4	5162	12/12
DSD28-1010	1010	966	6.4	4714	12/13
DSD28-1090	1090	1046	6.4	4336	14/14
DSD28-1170	1170	1126	6.4	4016	14/15

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
<b>DSD28-1250</b>	1250	1206	6.4	3740	16/16
<b>DSD28-1330</b>	1330	1286	6.4	3498	16/17
<b>DSD28-1410</b>	1410	1366	6.4	3288	18/18
<b>DSD28-1490</b>	1490	1446	6.4	3100	18/19

## DSD43

Full extension consisting of two guide rails made of fixed and movable elements and an S-shaped intermediate element. This has a high moment of inertia and high rigidity with slim size. This results in a high loading capacity with low deflection in the extended state.

The DS series is available in three different designs: Version S with one-sided extension, Version B with locking in the extracted state for one-sided extension (DSB) and Version D with double-sided extension (DSD)..

Number of holes shown in table are accessible holes/total holes.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

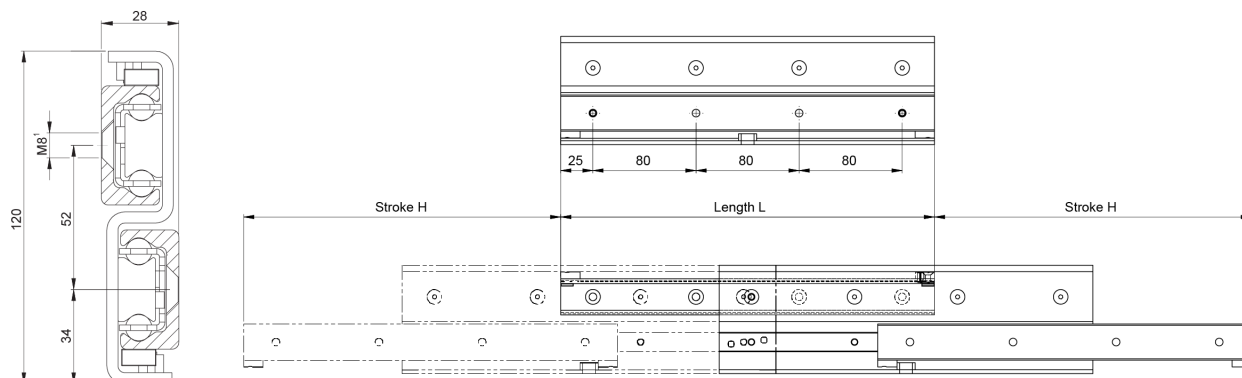
Dimensions in mm.

System Load Capacity Radial value refers to a pair of rails.

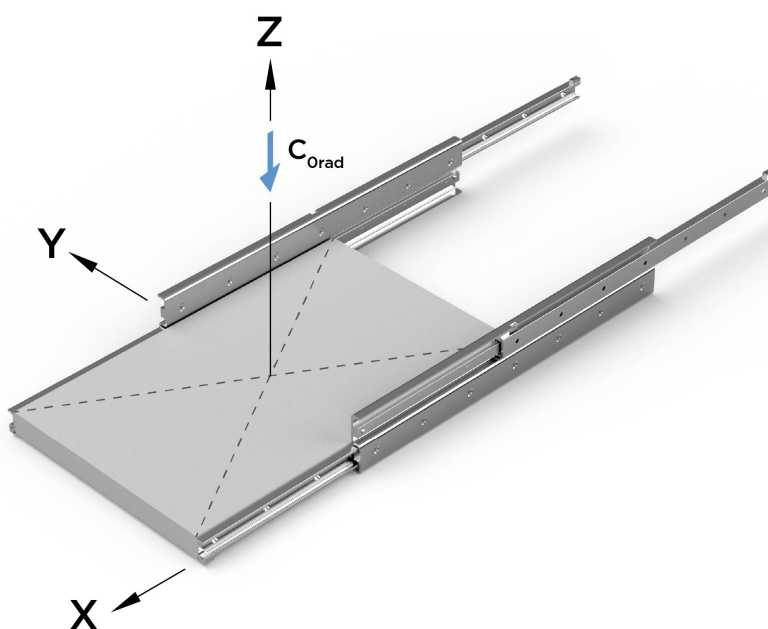


## General Data

DSD43



<sup>1</sup> Fixing holes for countersunk head screws according to DIN 7991.



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
DSD43-530	530	476	14.6	6036	6/7
DSD43-610	610	556	14.6	6530	8/8
DSD43-690	690	636	14.6	7562	8/9
DSD43-770	770	716	14.6	8594	10/10
DSD43-850	850	796	14.6	9094	10/11
DSD43-930	930	876	14.6	10126	12/12
DSD43-1010	1010	956	14.6	11156	12/13
DSD43-1090	1090	1036	14.6	11660	14/14
DSD43-1170	1170	1116	14.6	10784	14/15
DSD43-1250	1250	1196	14.6	10028	16/16
DSD43-1330	1330	1276	14.6	9372	16/17
DSD43-1410	1410	1356	14.6	8796	18/18

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	Number of Fixing Holes
<b>DSD43-1490</b>	1490	1436	14.6	8286	18/19
<b>DSD43-1570</b>	1570	1516	14.6	7834	20/20
<b>DSD43-1650</b>	1650	1596	14.6	7426	20/21
<b>DSD43-1730</b>	1730	1676	14.6	7060	22/22
<b>DSD43-1810</b>	1810	1756	14.6	6728	22/23
<b>DSD43-1890</b>	1890	1836	14.6	6426	24/24
<b>DSD43-1970</b>	1970	1916	14.6	6150	24/25

## DE..22

Full extension consisting of two guide rails, combined as double-T profile, form the intermediate element, and two sliders, which as fixed and movable element form the connection to the adjacent construction. The square cross-section allows a compact size with high load capacities and low deflection, especially with radial loading. A custom design is available for extensions with double-sided strokes. The simultaneous movement of the intermediate element is implemented with a driving disc.



There are three versions of fixing holes available for the DE series in sizes 22 to 43:

- Version DEF with threaded holes.
- Version DEV with countersunk holes.
- Version DEM, both variants (mixed).
- Size 63 is always with threaded holes.

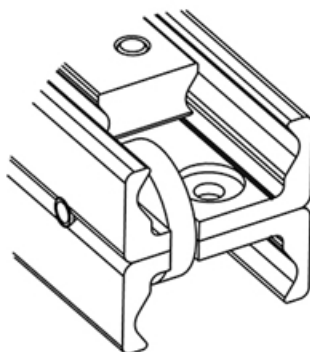
### Custom Design DE Version D

The eccentrically located driving disc on both ends of the DE...D ensures that the intermediate element is carried along and does not remain standing at an undefined location during double-sided strokes. This custom design is available in sizes 28, 35, 43 and 63 with all three versions of the fixing holes. It is built on the standard design of the DE series, however deviates in the technical data based on the model. For CAD-files or more information please contact Rollco.

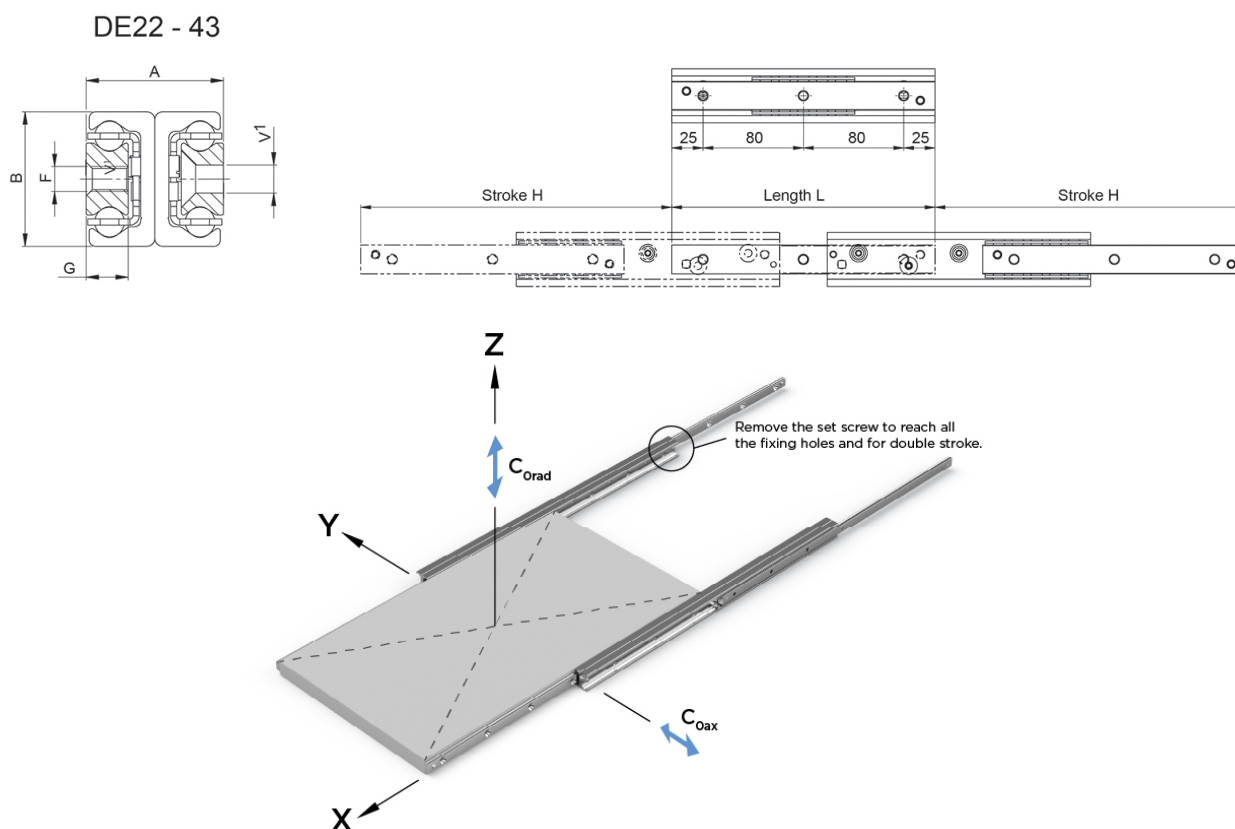
Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data



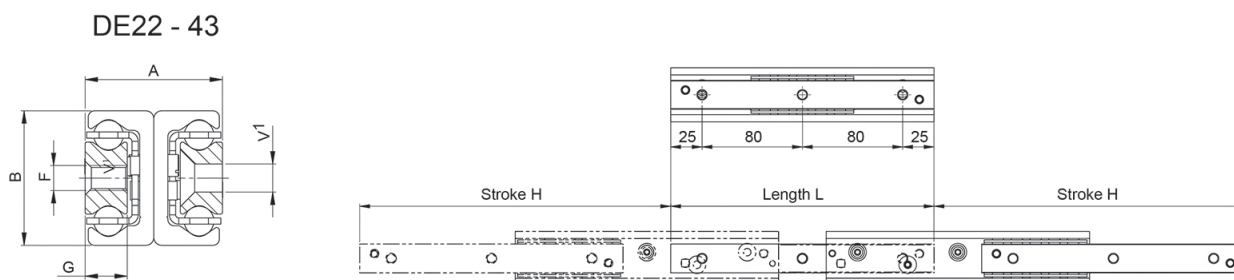
Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DE..22-130	130	152	2.64	238	166
DE..22-210	210	222	2.64	562	392
DE..22-290	290	308	2.64	780	546
DE..22-370	370	392	2.64	1002	526
DE..22-450	450	462	2.64	1348	460
DE..22-530	530	548	2.64	1142	386
DE..22-610	610	632	2.64	988	334
DE..22-690	690	702	2.64	906	306
DE..22-770	770	788	2.64	802	270

Designation	Number of Fixing Holes
DE..22-130	2
DE..22-210	3
DE..22-290	4
DE..22-370	5
DE..22-450	6
DE..22-530	7
DE..22-610	8
DE..22-690	9

## General Data

Designation	Number of Fixing Holes
DE..22-770	10

# Dimensions



Designation	A	B	F	G	V
DE..22-130	22	22	M4	6.5	M4
DE..22-210	22	22	M4	6.5	M4
DE..22-290	22	22	M4	6.5	M4
DE..22-370	22	22	M4	6.5	M4
DE..22-450	22	22	M4	6.5	M4
DE..22-530	22	22	M4	6.5	M4
DE..22-610	22	22	M4	6.5	M4
DE..22-690	22	22	M4	6.5	M4
DE..22-770	22	22	M4	6.5	M4

## DE..28

Full extension consisting of two guide rails, combined as double-T profile, form the intermediate element, and two sliders, which as fixed and movable element form the connection to the adjacent construction. The square cross-section allows a compact size with high load capacities and low deflection, especially with radial loading. A custom design is available for extensions with double-sided strokes. The simultaneous movement of the intermediate element is implemented with a driving disc.



There are three versions of fixing holes available for the DE series in sizes 22 to 43:

- Version DEF with threaded holes.
- Version DEV with countersunk holes.
- Version DEM, both variants (mixed).
- Size 63 is always with threaded holes.

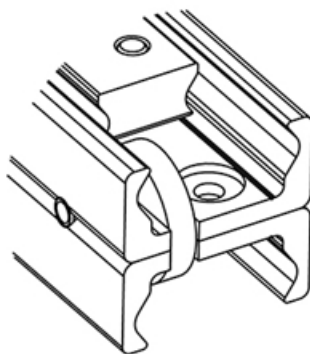
### Custom Design DE Version D

The eccentrically located driving disc on both ends of the DE...D ensures that the intermediate element is carried along and does not remain standing at an undefined location during double-sided strokes. This custom design is available in sizes 28, 35, 43 and 63 with all three versions of the fixing holes. It is built on the standard design of the DE series, however deviates in the technical data based on the model. For CAD-files or more information please contact Rollco.

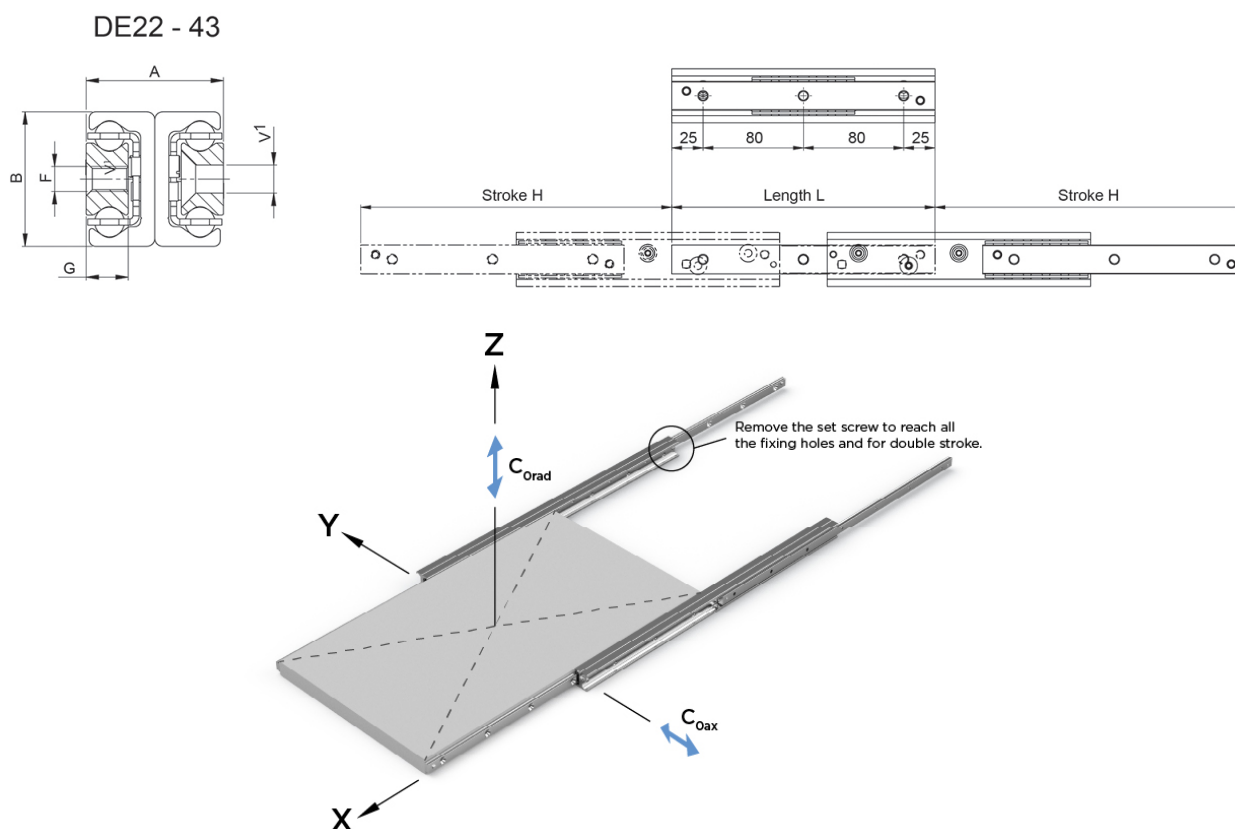
Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DE..28-130	130	148	4.04	470	328
DE..28-210	210	232	4.04	864	604
DE..28-290	290	296	4.04	1534	1074
DE..28-370	370	380	4.04	1936	942
DE..28-450	450	464	4.04	2338	770
DE..28-530	530	548	4.04	2214	650
DE..28-610	610	633	4.04	1910	560
DE..28-690	690	717	4.04	1684	494
DE..28-770	770	801	4.04	1506	442
DE..28-850	850	866	4.04	1420	416
DE..28-930	930	950	4.04	1292	378
DE..28-1010	1010	1034	4.04	1184	348
DE..28-1090	1090	1118	4.04	1094	320
DE..28-1170	1170	1202	4.04	1016	298

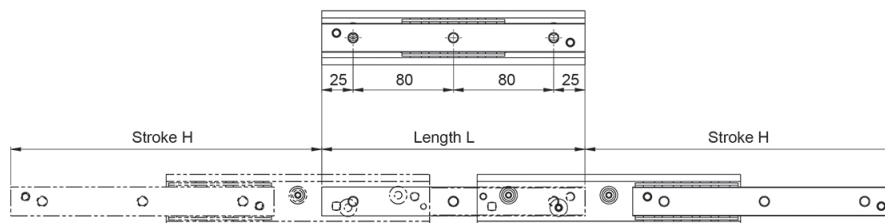
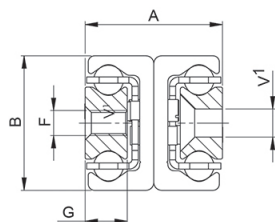
Designation	Number of Fixing Holes
DE..28-130	2
DE..28-210	3
DE..28-290	4

## General Data

Designation	Number of Fixing Holes
DE..28-370	5
DE..28-450	6
DE..28-530	7
DE..28-610	8
DE..28-690	9
DE..28-770	10
DE..28-850	11
DE..28-930	12
DE..28-1010	13
DE..28-1090	14
DE..28-1170	15

## Dimensions

DE22 - 43



Designation	A	B	F	G	V
DE..28-130	26	28	M5	7.5	M5
DE..28-210	26	28	M5	7.5	M5
DE..28-290	26	28	M5	7.5	M5
DE..28-370	26	28	M5	7.5	M5
DE..28-450	26	28	M5	7.5	M5
DE..28-530	26	28	M5	7.5	M5
DE..28-610	26	28	M5	7.5	M5
DE..28-690	26	28	M5	7.5	M5
DE..28-770	26	28	M5	7.5	M5
DE..28-850	26	28	M5	7.5	M5
DE..28-930	26	28	M5	7.5	M5
DE..28-1010	26	28	M5	7.5	M5
DE..28-1090	26	28	M5	7.5	M5
DE..28-1170	26	28	M5	7.5	M5

## DE..35

Full extension consisting of two guide rails, combined as double-T profile, form the intermediate element, and two sliders, which as fixed and movable element form the connection to the adjacent construction. The square cross-section allows a compact size with high load capacities and low deflection, especially with radial loading. A custom design is available for extensions with double-sided strokes. The simultaneous movement of the intermediate element is implemented with a driving disc.



There are three versions of fixing holes available for the DE series in sizes 22 to 43:

- Version DEF with threaded holes.
- Version DEV with countersunk holes.
- Version DEM, both variants (mixed).
- Size 63 is always with threaded holes.

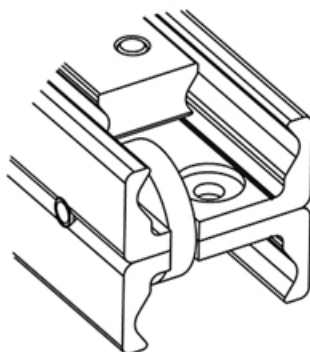
### Custom Design DE Version D

The eccentrically located driving disc on both ends of the DE...D ensures that the intermediate element is carried along and does not remain standing at an undefined location during double-sided strokes. This custom design is available in sizes 28, 35, 43 and 63 with all three versions of the fixing holes. It is built on the standard design of the DE series, however deviates in the technical data based on the model. For CAD-files or more information please contact Rollco.

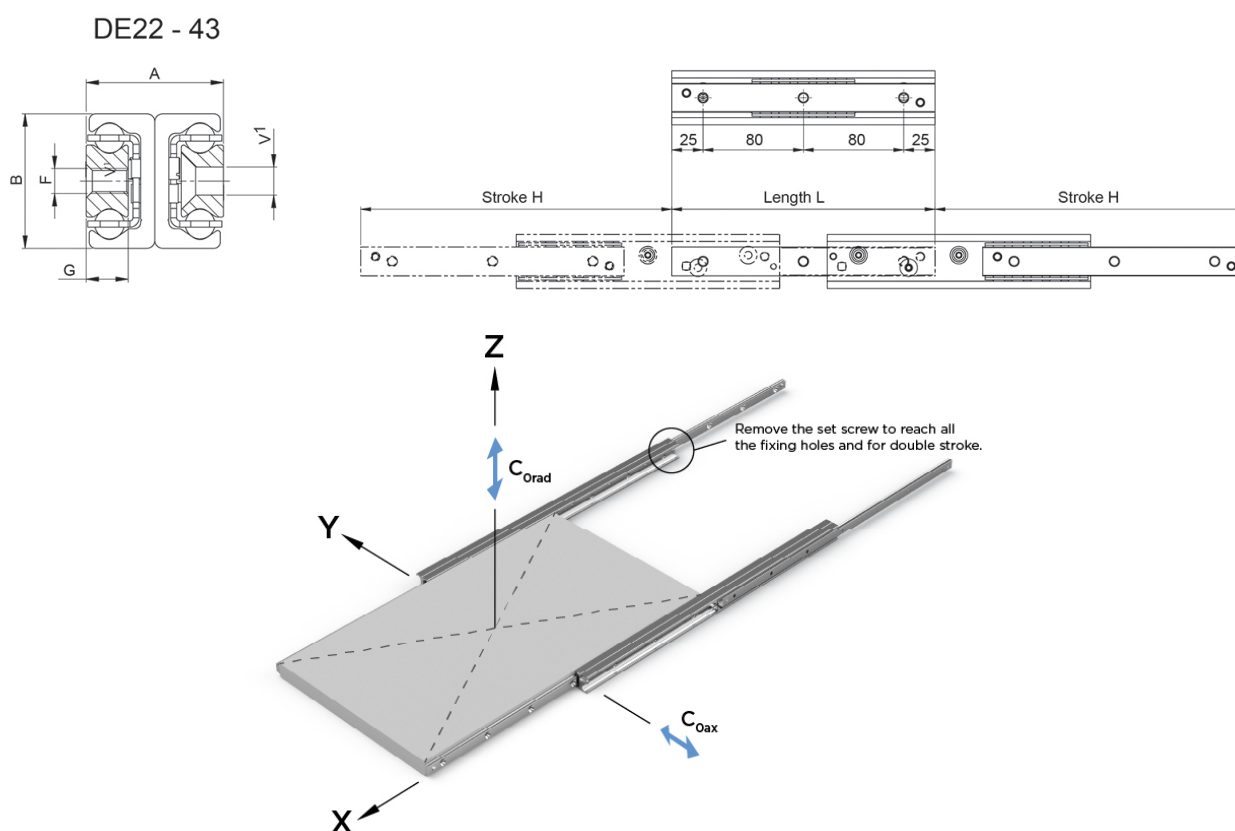
Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data



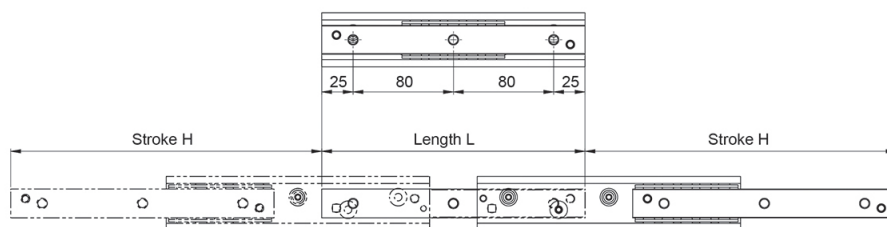
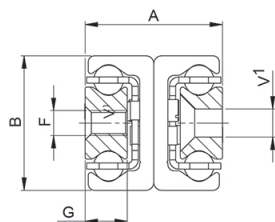
Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DE...35-210	210	254	6.1	804	562
DE...35-290	290	318	6.1	1600	1120
DE...35-370	370	406	6.1	2050	1436
DE...35-450	450	494	6.1	2500	1586
DE...35-530	530	558	6.1	3370	1456
DE...35-610	610	646	6.1	3816	1252
DE...35-690	690	734	6.1	3378	1096
DE...35-770	770	798	6.1	3182	1032
DE...35-850	850	886	6.1	2850	926
DE...35-930	930	974	6.1	2582	838
DE...35-1010	1010	1038	6.1	2466	800
DE...35-1090	1090	1126	6.1	2262	734
DE...35-1170	1170	1214	6.1	2090	678
DE...35-1250	1250	1278	6.1	2012	654
DE...35-1330	1330	1366	6.1	1874	608
DE...35-1410	1410	1454	6.1	1754	570
DE...35-1490	1490	1518	6.1	1700	552

## General Data

Designation	Number of Fixing Holes
DE..35-210	3
DE..35-290	4
DE..35-370	5
DE..35-450	6
DE..35-530	7
DE..35-610	8
DE..35-690	9
DE..35-770	10
DE..35-850	11
DE..35-930	12
DE..35-1010	13
DE..35-1090	14
DE..35-1170	15
DE..35-1250	16
DE..35-1330	17
DE..35-1410	18
DE..35-1490	19

## Dimensions

DE22 - 43



Designation	A	B	F	G	V
DE..35-210	34	35	M6	10	M6
DE..35-290	34	35	M6	10	M6
DE..35-370	34	35	M6	10	M6
DE..35-450	34	35	M6	10	M6
DE..35-530	34	35	M6	10	M6
DE..35-610	34	35	M6	10	M6
DE..35-690	34	35	M6	10	M6
DE..35-770	34	35	M6	10	M6
DE..35-850	34	35	M6	10	M6
DE..35-930	34	35	M6	10	M6
DE..35-1010	34	35	M6	10	M6
DE..35-1090	34	35	M6	10	M6
DE..35-1170	34	35	M6	10	M6
DE..35-1250	34	35	M6	10	M6
DE..35-1330	34	35	M6	10	M6
DE..35-1410	34	35	M6	10	M6
DE..35-1490	34	35	M6	10	M6

## DE..43

Full extension consisting of two guide rails, combined as double-T profile, form the intermediate element, and two sliders, which as fixed and movable element form the connection to the adjacent construction. The square cross-section allows a compact size with high load capacities and low deflection, especially with radial loading. A custom design is available for extensions with double-sided strokes. The simultaneous movement of the intermediate element is implemented with a driving disc.



There are three versions of fixing holes available for the DE series in sizes 22 to 43:

- Version DEF with threaded holes.
- Version DEV with countersunk holes.
- Version DEM, both variants (mixed).
- Size 63 is always with threaded holes.

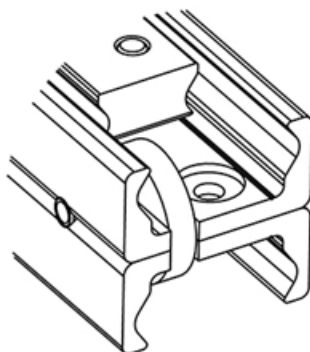
### Custom Design DE Version D

The eccentrically located driving disc on both ends of the DE...D ensures that the intermediate element is carried along and does not remain standing at an undefined location during double-sided strokes. This custom design is available in sizes 28, 35, 43 and 63 with all three versions of the fixing holes. It is built on the standard design of the DE series, however deviates in the technical data based on the model. For CAD-files or more information please contact Rollco.

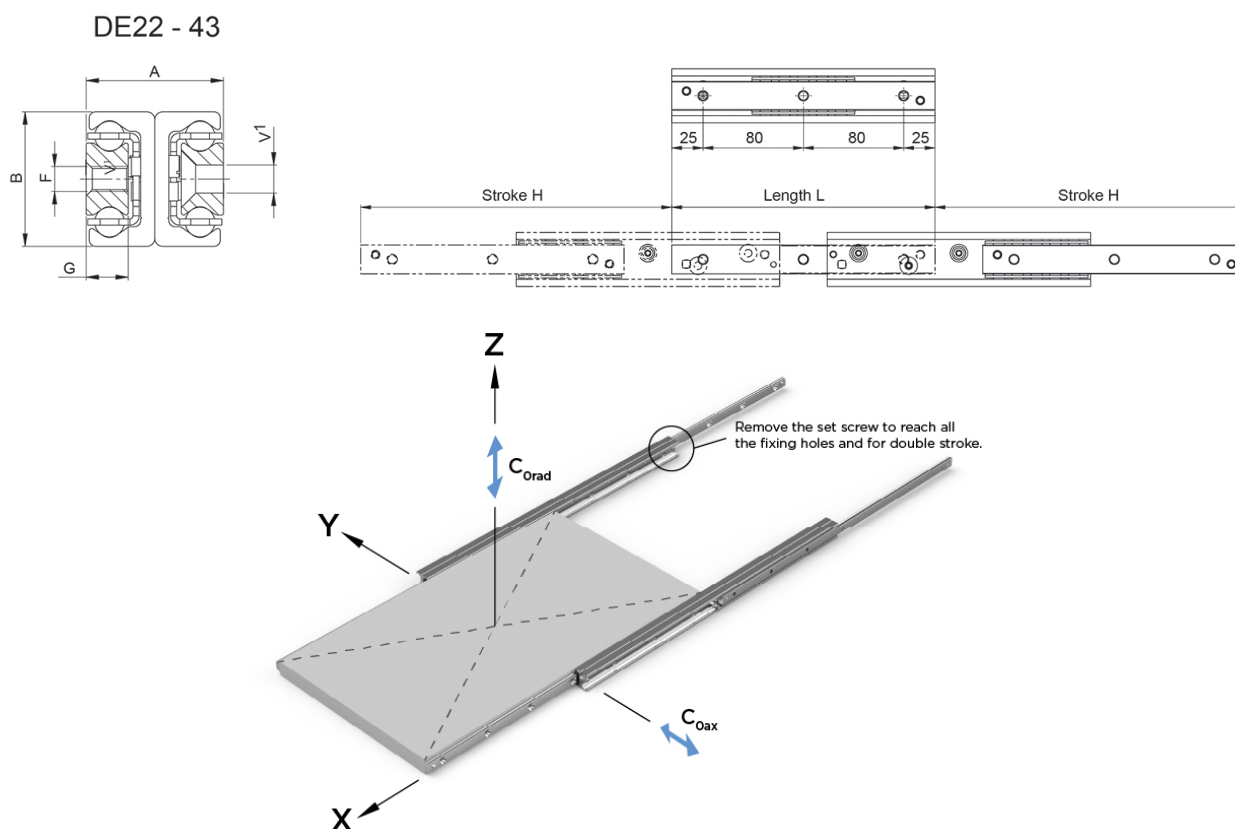
Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data



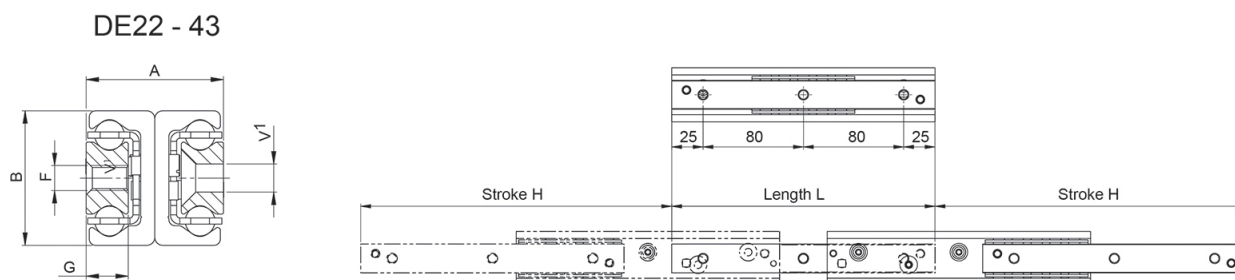
Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DE..43-210	210	246	10.5	1210	848
DE..43-290	290	316	10.5	2228	1560
DE..43-370	370	416	10.5	2600	1820
DE..43-450	450	486	10.5	3656	2558
DE..43-530	530	556	10.5	4750	2868
DE..43-610	610	626	10.5	5868	2600
DE..43-690	690	726	10.5	6182	2192
DE..43-770	770	796	10.5	6110	2032
DE..43-850	850	866	10.5	5694	1892
DE..43-930	930	966	10.5	5012	1666
DE..43-1010	1010	1036	10.5	4728	1572
DE..43-1090	1090	1106	10.5	4476	1488
DE..43-1170	1170	1206	10.5	4044	1344
DE..43-1250	1250	1276	10.5	3856	1282
DE..43-1330	1330	1376	10.5	3532	1174
DE..43-1410	1410	1446	10.5	3388	1126
DE..43-1490	1490	1516	10.5	3256	1082
DE..43-1570	1570	1586	10.5	3134	1042
DE..43-1650	1650	1686	10.5	2916	970

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DE..43-1730	1730	1756	10.5	2818	936
DE..43-1810	1810	1856	10.5	2640	878
DE..43-1890	1890	1936	10.5	2560	850
DE..43-1970	1970	2026	10.5	2412	802

Designation	Number of Fixing Holes
DE..43-210	3
DE..43-290	4
DE..43-370	5
DE..43-450	6
DE..43-530	7
DE..43-610	8
DE..43-690	9
DE..43-770	10
DE..43-850	11
DE..43-930	12
DE..43-1010	13
DE..43-1090	14
DE..43-1170	15
DE..43-1250	16
DE..43-1330	17
DE..43-1410	18
DE..43-1490	19
DE..43-1570	20
DE..43-1650	21
DE..43-1730	22
DE..43-1810	23
DE..43-1890	24
DE..43-1970	25

## Dimensions



Designation	A	B	F	G	V
DE..43-210	44	43	M8	13.5	M8
DE..43-290	44	43	M8	13.5	M8
DE..43-370	44	43	M8	13.5	M8
DE..43-450	44	43	M8	13.5	M8
DE..43-530	44	43	M8	13.5	M8
DE..43-610	44	43	M8	13.5	M8
DE..43-690	44	43	M8	13.5	M8
DE..43-770	44	43	M8	13.5	M8
DE..43-850	44	43	M8	13.5	M8
DE..43-930	44	43	M8	13.5	M8
DE..43-1010	44	43	M8	13.5	M8
DE..43-1090	44	43	M8	13.5	M8
DE..43-1170	44	43	M8	13.5	M8
DE..43-1250	44	43	M8	13.5	M8
DE..43-1330	44	43	M8	13.5	M8
DE..43-1410	44	43	M8	13.5	M8
DE..43-1490	44	43	M8	13.5	M8
DE..43-1570	44	43	M8	13.5	M8
DE..43-1650	44	43	M8	13.5	M8
DE..43-1730	44	43	M8	13.5	M8
DE..43-1810	44	43	M8	13.5	M8
DE..43-1890	44	43	M8	13.5	M8
DE..43-1970	44	43	M8	13.5	M8

## DE..63

Full extension consisting of two guide rails, combined as double-T profile, form the intermediate element, and two sliders, which as fixed and movable element form the connection to the adjacent construction. The square cross-section allows a compact size with high load capacities and low deflection, especially with radial loading. A custom design is available for extensions with double-sided strokes. The simultaneous movement of the intermediate element is implemented with a driving disc.



There are three versions of fixing holes available for the DE series in sizes 22 to 43:

- Version DEF with threaded holes.
- Version DEV with countersunk holes.
- Version DEM, both variants (mixed).
- Size 63 is always with threaded holes.

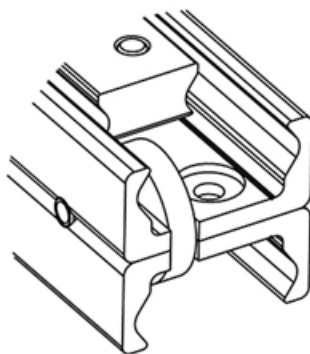
### Custom Design DE Version D

The eccentrically located driving disc on both ends of the DE...D ensures that the intermediate element is carried along and does not remain standing at an undefined location during double-sided strokes. This custom design is available in sizes 28, 35, 43 and 63 with all three versions of the fixing holes. It is built on the standard design of the DE series, however deviates in the technical data based on the model. For CAD-files or more information please contact Rollco.

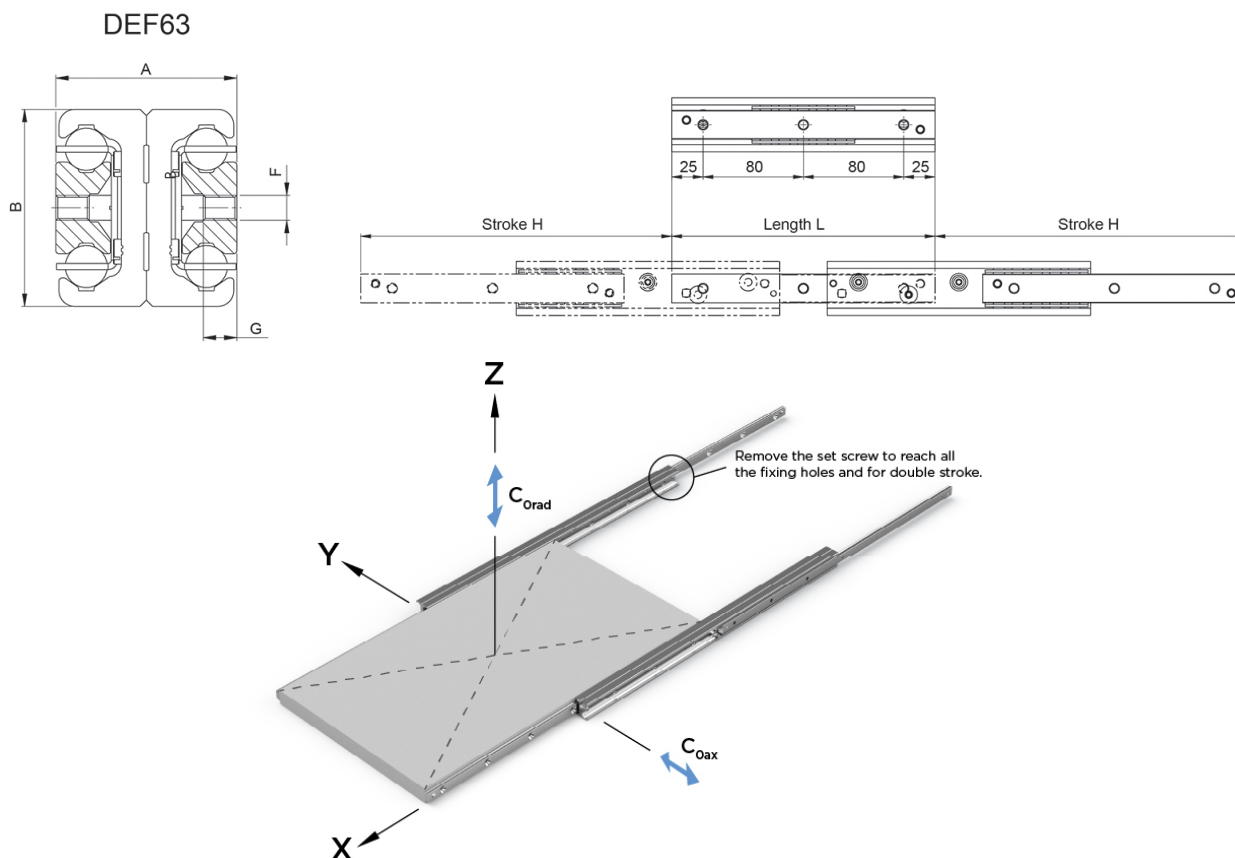
Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data

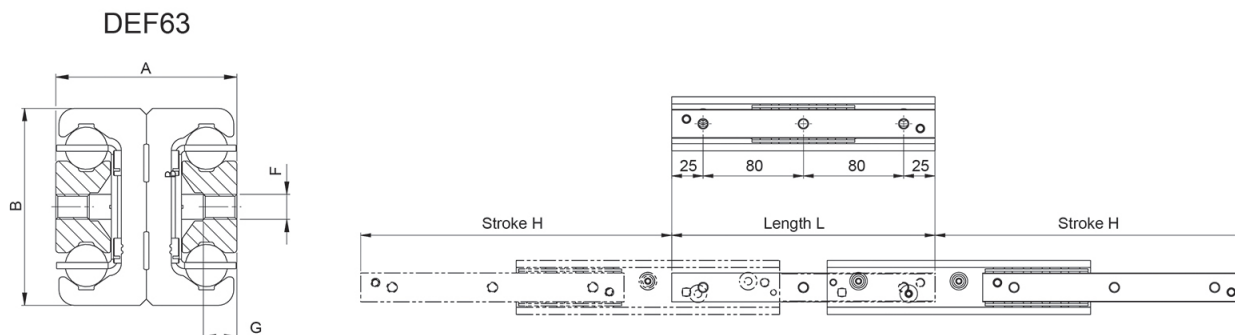


Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DEF63-610	610	666	20.6	8180	5726
DEF63-690	690	746	20.6	9718	6124
DEF63-770	770	826	20.6	11270	5568
DEF63-850	850	906	20.6	12830	5106
DEF63-930	930	986	20.6	14396	4714
DEF63-1010	1010	1066	20.6	13770	4378
DEF63-1090	1090	1146	20.6	12854	4086
DEF63-1170	1170	1226	20.6	12052	3832
DEF63-1250	1250	1306	20.6	11344	3606
DEF63-1330	1330	1386	20.6	10714	3406
DEF63-1410	1410	1466	20.6	10152	3228
DEF63-1490	1490	1546	20.6	9644	3066
DEF63-1570	1570	1626	20.6	9186	2920
DEF63-1650	1650	1706	20.6	8768	2788
DEF63-1730	1730	1786	20.6	8388	2666
DEF63-1810	1810	1866	20.6	8038	2556
DEF63-1890	1890	1946	20.6	7718	2454
DEF63-1970	1970	2026	20.6	7420	2360

## General Data

Designation	Number of Fixing Holes
DEF63-610	8
DEF63-690	9
DEF63-770	10
DEF63-850	11
DEF63-930	12
DEF63-1010	13
DEF63-1090	14
DEF63-1170	15
DEF63-1250	16
DEF63-1330	17
DEF63-1410	18
DEF63-1490	19
DEF63-1570	20
DEF63-1650	21
DEF63-1730	22
DEF63-1810	23
DEF63-1890	24
DEF63-1970	25

## Dimensions



Designation	A	B	F	G	V
DEF63-610	58	63	M8	10.5	-
DEF63-690	58	63	M8	10.5	-
DEF63-770	58	63	M8	10.5	-
DEF63-850	58	63	M8	10.5	-
DEF63-930	58	63	M8	10.5	-
DEF63-1010	58	63	M8	10.5	-
DEF63-1090	58	63	M8	10.5	-
DEF63-1170	58	63	M8	10.5	-
DEF63-1250	58	63	M8	10.5	-
DEF63-1330	58	63	M8	10.5	-
DEF63-1410	58	63	M8	10.5	-
DEF63-1490	58	63	M8	10.5	-
DEF63-1570	58	63	M8	10.5	-
DEF63-1650	58	63	M8	10.5	-
DEF63-1730	58	63	M8	10.5	-
DEF63-1810	58	63	M8	10.5	-
DEF63-1890	58	63	M8	10.5	-
DEF63-1970	58	63	M8	10.5	-

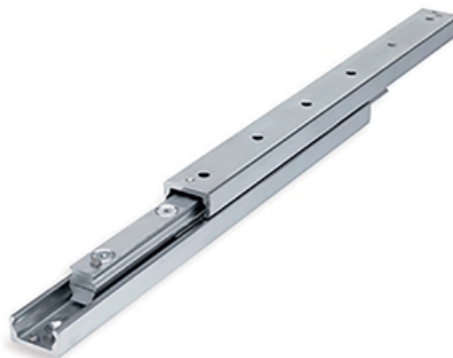
## DBN22

Full extension consisting of two guide rails, both fixed and movable, and two sliders which together form the intermediate element. The size is similar to the DE series and offers good protection from dirt of the open ballcage.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

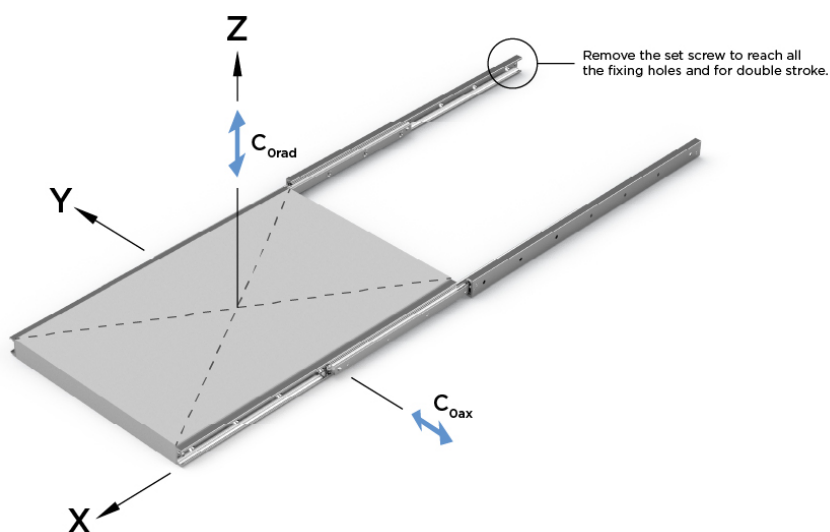
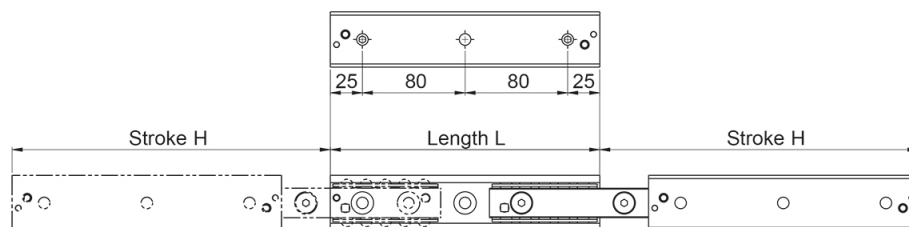
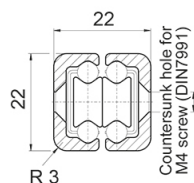
Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data

### DBN22



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DBN22-130	130	152	2.64	238	166
DBN22-210	210	222	2.64	562	392
DBN22-290	290	308	2.64	472	472
DBN22-370	370	392	2.64	372	372
DBN22-450	450	462	2.64	324	324
DBN22-530	530	548	2.64	272	272
DBN22-610	610	632	2.64	234	234
DBN22-690	690	702	2.64	216	216
DBN22-770	770	788	2.64	190	190

Designation	Number of Fixing Holes
DBN22-130	2
DBN22-210	3
DBN22-290	4
DBN22-370	5
DBN22-450	6
DBN22-530	7
DBN22-610	8
DBN22-690	9

## General Data

Designation	Number of Fixing Holes
DBN22-770	10

## DBN28

Full extension consisting of two guide rails, both fixed and movable, and two sliders which together form the intermediate element. The size is similar to the DE series and offers good protection from dirt of the open ballcage.

Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

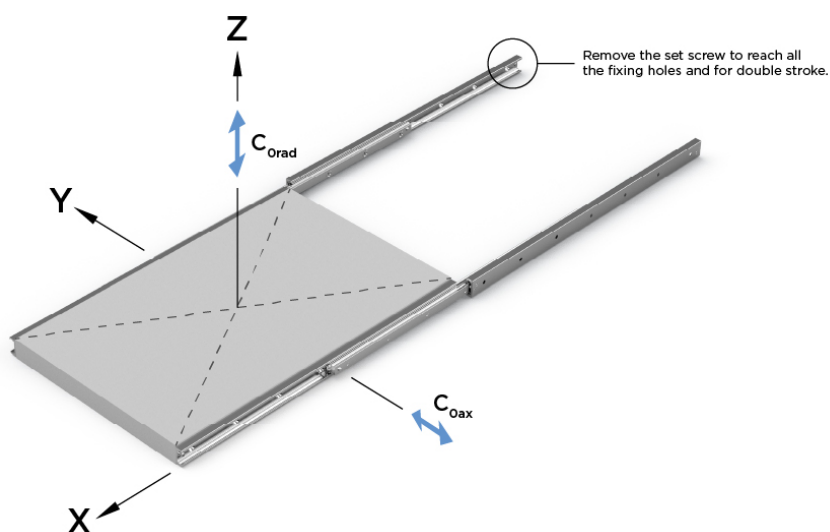
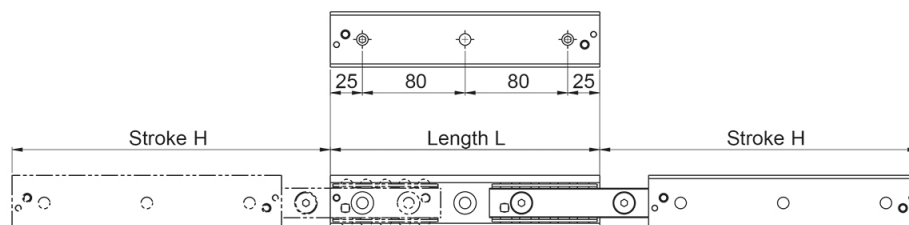
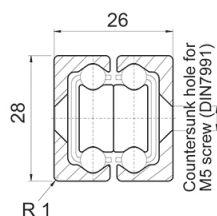
Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data

DBN28



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DBN28-130	130	148	4.04	470	328
DBN28-210	210	232	4.04	864	604
DBN28-290	290	296	4.04	1244	1074
DBN28-370	370	380	4.04	964	964
DBN28-450	450	464	4.04	786	786
DBN28-530	530	548	4.04	664	664
DBN28-610	610	633	4.04	572	572
DBN28-690	690	717	4.04	504	504
DBN28-770	770	801	4.04	452	452
DBN28-850	850	866	4.04	426	426
DBN28-930	930	950	4.04	388	388
DBN28-1010	1010	1034	4.04	356	356
DBN28-1090	1090	1118	4.04	328	328
DBN28-1170	1170	1202	4.04	304	304

Designation	Number of Fixing Holes
DBN28-130	2
DBN28-210	3
DBN28-290	4

## General Data

Designation	Number of Fixing Holes
DBN28-370	5
DBN28-450	6
DBN28-530	7
DBN28-610	8
DBN28-690	9
DBN28-770	10
DBN28-850	11
DBN28-930	12
DBN28-1010	13
DBN28-1090	14
DBN28-1170	15

## DBN35

Full extension consisting of two guide rails, both fixed and movable, and two sliders which together form the intermediate element. The size is similar to the DE series and offers good protection from dirt of the open ballcage.

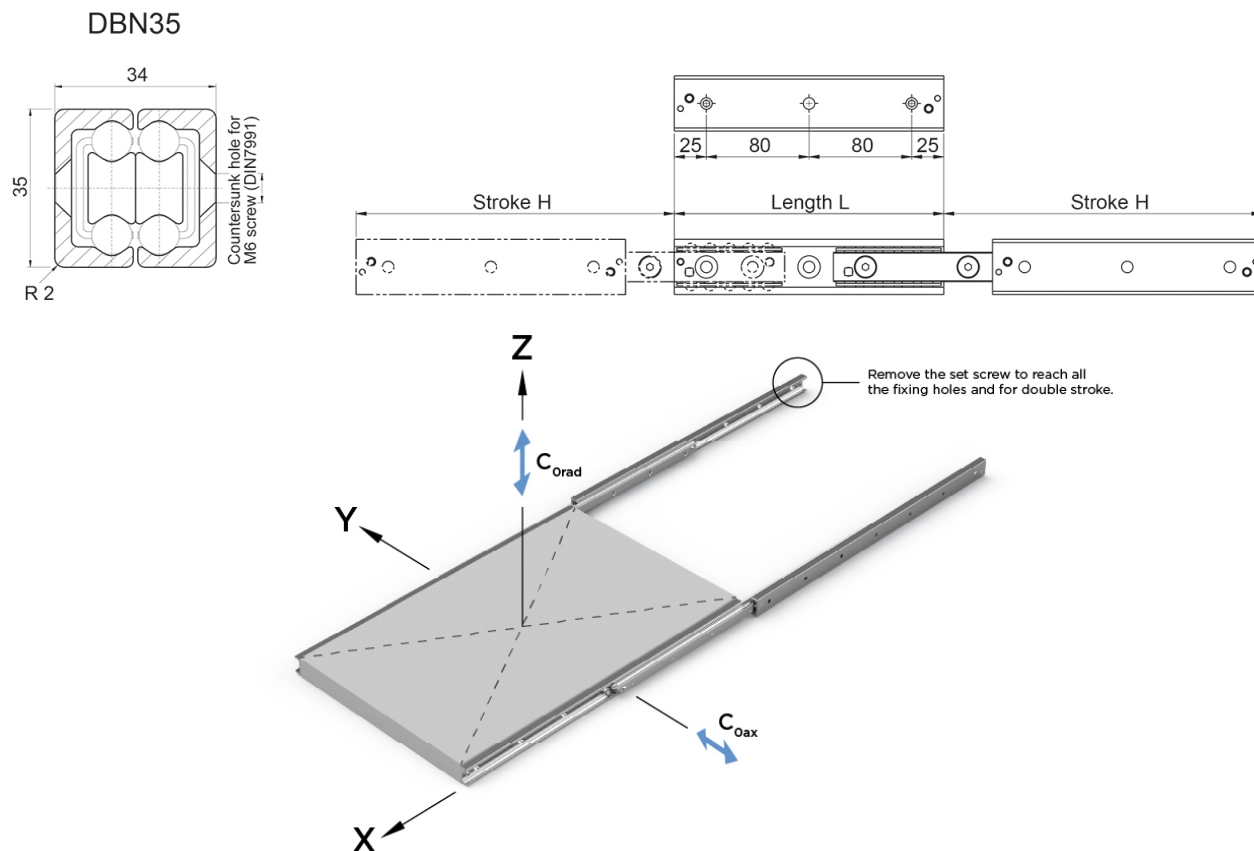
Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DBN35-210	210	254	6.1	804	562
DBN35-290	290	318	6.1	1334	1120
DBN35-370	370	406	6.1	1044	1044
DBN35-450	450	494	6.1	858	858
DBN35-530	530	558	6.1	788	788
DBN35-610	610	646	6.1	676	676
DBN35-690	690	734	6.1	594	594
DBN35-770	770	798	6.1	558	558
DBN35-850	850	886	6.1	500	500
DBN35-930	930	974	6.1	454	454
DBN35-1010	1010	1038	6.1	434	434
DBN35-1090	1090	1126	6.1	398	398
DBN35-1170	1170	1214	6.1	366	366
DBN35-1250	1250	1278	6.1	354	354
DBN35-1330	1330	1366	6.1	330	330
DBN35-1410	1410	1454	6.1	308	308
DBN35-1490	1490	1518	6.1	298	298

## General Data

Designation	Number of Fixing Holes
DBN35-210	3
DBN35-290	4
DBN35-370	5
DBN35-450	6
DBN35-530	7
DBN35-610	8
DBN35-690	9
DBN35-770	10
DBN35-850	11
DBN35-930	12
DBN35-1010	13
DBN35-1090	14
DBN35-1170	15
DBN35-1250	16
DBN35-1330	17
DBN35-1410	18
DBN35-1490	19

## DBN43

Full extension consisting of two guide rails, both fixed and movable, and two sliders which together form the intermediate element. The size is similar to the DE series and offers good protection from dirt of the open ballcage.

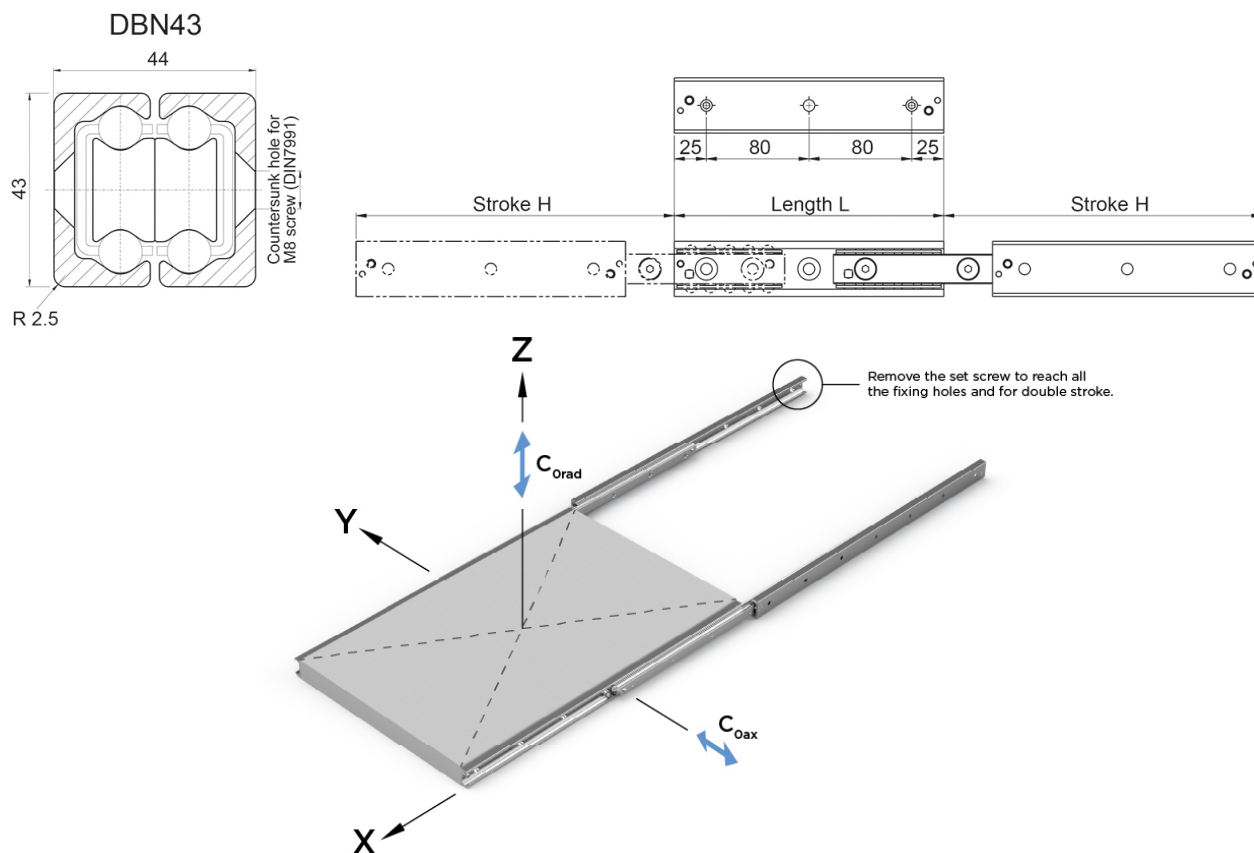
Special strokes are defined as deviations from standard stroke H. See section "Special strokes" in the document Technical Information for Telescopic Rail Heavy.

Dimensions in mm.

System Load Capacity Radial and System Load Capacity Axial values refers to a pair of rails.



## General Data



Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DBN43-210	210	246	10.5	1210	848
DBN43-290	290	316	10.5	2228	1560
DBN43-370	370	416	10.5	2600	1820
DBN43-450	450	486	10.5	2662	2558
DBN43-530	530	556	10.5	2386	2386
DBN43-610	610	626	10.5	2164	2164
DBN43-690	690	726	10.5	1824	1824
DBN43-770	770	796	10.5	1690	1690
DBN43-850	850	866	10.5	1576	1576
DBN43-930	930	966	10.5	1386	1386
DBN43-1010	1010	1036	10.5	1308	1308
DBN43-1090	1090	1106	10.5	1238	1238
DBN43-1170	1170	1206	10.5	1118	1118
DBN43-1250	1250	1276	10.5	1066	1066
DBN43-1330	1330	1376	10.5	976	976
DBN43-1410	1410	1446	10.5	938	938
DBN43-1490	1490	1516	10.5	900	900
DBN43-1570	1570	1586	10.5	868	868
DBN43-1650	1650	1686	10.5	806	806

## General Data

Designation	Length	Stroke	Weight (kg/m)	System Load Capacity Radial (N)	System Load Capacity Axial (N)
DBN43-1730	1730	1756	10.5	780	780
DBN43-1810	1810	1856	10.5	730	730
DBN43-1890	1890	1936	10.5	708	708
DBN43-1970	1970	2026	10.5	668	668

Designation	Number of Fixing Holes
DBN43-210	3
DBN43-290	4
DBN43-370	5
DBN43-450	6
DBN43-530	7
DBN43-610	8
DBN43-690	9
DBN43-770	10
DBN43-850	11
DBN43-930	12
DBN43-1010	13
DBN43-1090	14
DBN43-1170	15
DBN43-1250	16
DBN43-1330	17
DBN43-1410	18
DBN43-1490	19
DBN43-1570	20
DBN43-1650	21
DBN43-1730	22
DBN43-1810	23
DBN43-1890	24
DBN43-1970	25

## RA Grease

NLGI grade 1.5

Clear grease based on synthetic oils and PTFE. Will fulfil all severe specifications from bearing manufacturers, industrial applications and vehicle producers. Very suitable for use where long service life is required and desired. The specific rheological properties of the lubricant will give very low good flow properties of the grease at extremely low temperatures, at the same time the high film strength and thickness will guarantee lubrication also at elevated temperatures. The type of PTFE used will adhere strongly to all surfaces lubricated and give a very low friction coefficient. The grease is water resistant, withstands oxidation, has very good mechanical stability, is completely non-toxic and provides a very wide application temperature range.

**Temperature:** -40 to +260 °C (application range)



## General Data

Designation	Remark	Colour	Weight (g)
RA Grease NLGI 1.5	Cartridge package	Translucent white	400 g