

C&H: Precision Linear Motion Solution

C&H designs and manufactures high-quality ring & track systems, linear guide systems, and their components. We offer standard and customized solutions for a wide range of industries.

Products & Services:

- Ring & track systems
- Linear guide systems
- Components: rails, carriages, bearings, lubricators, supports
- Customization

Benefits:

- High speed, Accurate, Durable, Low friction, Low noise
- · Competitive pricing
- Customization
- Industry expertise

Contact Us:

- Website: https://www.chmotion.com
- Contact: jason@chenghuibearing.com







Straight Rail

Standard version: High carbon-chromium steel (DIN 100Cr6/AISI 52100), hardened on V faces to HRC56-HRC60 for high wear resistance, ground double 70° V working edges together to ensure parallelism, soft rail body for customization machining process, other faces are phosphated for corrosion resistance.

Stainless steel version: AISI 420, hardened on V faces to HRC53-HRC55, ground on all main surfaces for precision.

Provide three sizes 25, 44, 76 for customer's selection

Two precision rails P1 and P3 is optional, ground and unground. Precision P3 rail length could be up to 4 meters without connection. Longer length (unlimited) can be achieved by connection.

Ring Rail and Segment

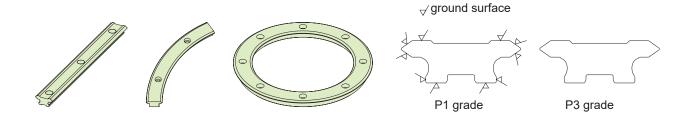
Standard version: High carbon-chromium steel (DIN 100Cr6/AISI 52100), hardened on V faces to HRC56-HRC60 for high wear resistance, ground double 70° V working edges together to ensure parallelism, soft rail body for customization machining process, other faces are phosphated for corrosion resistance.

Provide 90° segment,180° segment, 360° ring.

Stainless steel version: AISI 420, hardened on V faces to HRC53-HRC55, ground on all main surfaces for precision.

Precision

C&H provides two precision. P1 ground and P3 unground. Here we must emphasize that P3 grade's motion is also very smooth and stable. It is fit for smooth running without very high precision and low cost request. But when linear rail connect ring rail, it must be P1 grade.



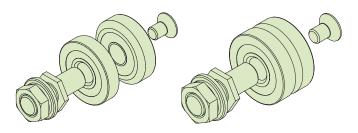
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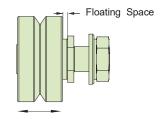
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Track Rollers

Made of high carbon-chromium steel DIN100Cr6/AISI52100or stainless steel AISI440C. We provide both Twin and Double-row bearings (see below figure). We provide both concentric and eccentric bolt.





Twin bearing

Double row bearing

To help facilitate bearing type selection, key attributes of Twin, Double Row and Axial Stiffness bearings are compared in the chart below:

Bearing Type	Max Work Axial	ing Load Radial	Speed	Smoothness	Tolerance to Misalignment	Weight	System Height	Tolerance to Debris	Stiffness Under Axial Load
Twin	♠☆ ☆☆☆	** **	合合合合合合	黄黄黄黄黄黄	肯肯肯肯肯 公	含含含含 公公	含含含含 公公	食食食食 公公	含含含含 合合
Double Row	含含含 合合合	会会会会会	合合合合合合	含含含含含 公	含含含含 合合	会会会会 公公	含含含含 公公	会会会会会	旁旁旁旁合
Axial Stiffness	***	★★★☆☆☆	会会会会会	食食食食食公	☆☆☆☆☆☆	♦♦♦☆☆☆	含含含含 公公	会会会会会	含含含含含含

Floating Bearing

Made of high carbon-chromium steel DIN100Cr6/AISI52100or stainless steel AISI440C. We provide both Twin and Double-row bearings (see below figure). We provide both concentric and eccentric bolt.



Cap Seal

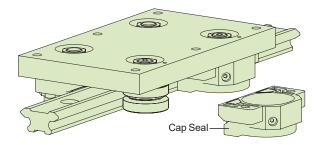
Protect bearing against dust. Ensures best possible lubrication of the V contact surfaces and protects against ingress of debris. Operational safety and system appearance are also improved. Lubricated felt wiper contact rail's working surface to increase load capacity and life. Depending on stroke, duty and environmental factors, no further lubrication is required. Standard and interchangeable.

Material

Body: Thermoplastic elastomer
Inserts: Impact resistant plastic
Wipers: Oil-impregnated Felt

• Fixing: Stainless Steel AISI304

Temperature Range: -20°C to +60°C.



Lubricator

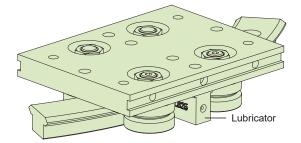
Lubricator can be mounted with a carriage-plate to contact rail's V sliding surface during running operation to feed sufficient lubricant and wipe away foreign substances, so that it increases the load carrying capacity and service life as well as the maximum speed of journal bearings. Lubricated felt wiper is pushed lightly by a small spring to ensure low friction with the rail's sliding surface. Easy to fill lubricate oil from its fill hole. Standard and interchangeable.

Material:

- · Body: Impact resistant thermoplastic
- Wiper: Oil-impregnated Felt
- Fixings(spring and : Stainless steel AISI304

Temperature Range: -20°C to +60°C.

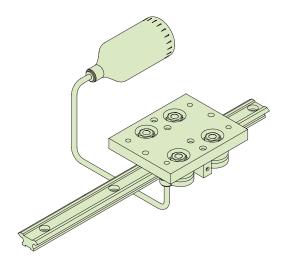
Lubricant: Slideway oils with viscosity 68 cSt or similar. Shell Tonna S2 MX 68 is the best recommended.

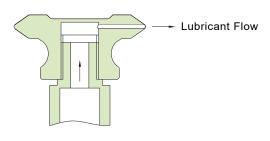




Bleed Lubrication

Oil charging holes supplied for the Track Motion System. Automatic lubricate bleed could connect to the rail's oil charging holes very easily. The bleed lubrication facility channels lubricant direct to the V sliding surface of a straight rail for best lubrication of a track system.







1. Match rollers to carriage plate

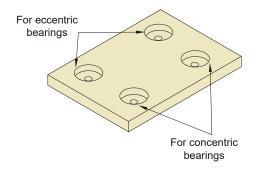
Please mount concentric (fixed) bearings to one side of carriage plate, and eccentric (adjustable) bearing to the other side, following the direction of rail. In case of ring type carriage plate, the fixed type bearings should be mounted to the side where mounting-hole distance is shorter. Please refer to the picture below.

2. Mounting to railway

Carriage assembly should be mounted from the end of railway. Please do not put any overstress when mounting. User please choose either side of supporting portion as datum face, and set the fixed type bearings at the datum-face side.

3. Adjust the clearance between bearing and railway

- Fully tighten concentric bearings first.
- Semi-tighten eccentric bearings and rotated to their outermost position.
- Rotate eccentric bearing via rotate hexagonal key at the end of stud to adjust the clearance between railway and bearing.
- · Adjust the clearance to zero.
- Slide the carriage by hand and adjust to the extent where there causes a slight slipping resistance.



Circle motion carriage plate

Correct condition is where moving power becomes the recommended value as below table by putting load by push-pull gauge to the running direction of carriage.

Recommended pre-load by push-pull gauge

V track bearing size	Pre-load(N)
25	4
44	8
76	12

Keep eccentric bearing's position and tighten the nut.

Appropriate pre-load provide the system rigidity. However, over preload will decrease system's life rapidly. Please be careful.

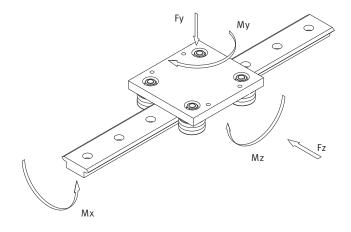


1. Load / Life calculation

Due to the hardness of the railway and fatigue analysis of railway and roller, the railway's life does not determine the system life. It is determined by roller's life. Load capacity of the motion guide system varies mainly by the size of bearing and railway, lubricated or not, and the load magnitude and direction. Other factors include speed and acceleration and environment etc. To calculate system life, loading factor LF should be calculated firstly. Here we provide two methods to calculate the loading factor.

2. Standard 4 bearings carriage calculation

If the system use standard 4 bearings carriage, then calculation can use below formula.



Fy - Actual load in Y direction. (N)

Fz - Actual load in Z direction. (N)

Mx - Actual moment in X direction. (N·m)

My - Actual moment in Y direction. (N·m)

Mz - Actual moment in Z direction. (N·m)

Below parameters can be taken from the table of Load capacity.

Fy max - Max load capacity in Y direction. (N)

Fz max - Max load capacity in Z direction. (N)

Mx max - Max moment capacity in X direction. (N·m)

My max - Max moment capacity in Y direction. (N·m)

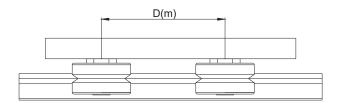
Mz max - Max moment capacity in Z direction. (N·m)

$$LF = \frac{Fy}{Fymax} + \frac{Fz}{Fzmax} + \frac{Mx}{Mxmax} + \frac{My}{Mymax} + \frac{Mz}{Mzmax}$$



Load and Moment Capacity of Straigt Rail Carrige

Carriage	Double		Dry syst earings a	em and Twin E	Bearings			ricated win Bea	system arings		Lubricated system Double Row Bearings				
Туре	Fy	Fz	Mx	Му	Mz	Fy	Fz	Mx	Му	Mz	Fy	Fz	Му	Mz	
	N	N	Nm	Nm	Nm	N	N	Nm	Nm	Nm	N	N	Nm	Nm	
LGC25	410	410	4.6	200xD	200xD	1300	1225	14	600xD	640xD	1610	3020	1500xD	800xD	
LGC44	790	790	16	400xD	400xD	3250	2830	65	1400xD	1600xD	3620	6050	3000xD	1800xD	
LGC76	1850	1850	65	900xD	900xD	7250	6380	255	3200xD	3600xD	10050	10050	5000xD	5000xD	



Load and Moment Capacity of Ring Rail Carrige

Carriage	Double	D Row Bea	ry syster arings an		earings			ated sy n Bearir			Lubricated system Double Row Bearings					
Туре	Fy	Fz	Mx	Му	Mz	Fy	Fz	Mx	Му	Mz	Fy	Fz	Mx	Му	Mz	
	N	N	Nm	Nm	Nm	N	N	Nm	Nm	Nm	N	N	Nm	Nm	Nm	
SRC25 159	410	410	4.6	8.7	8.7	1300	1225	14	25.5	27.5	1610	3020	18.2	65	33.5	
SRC25 255	410	410	4.6	8.2	8.2	1300	1225	14	23.5	25.5	1610	3020	18.2	60	31.5	
SRC25 351	410	410	4.6	8.7	8.7	1300	1225	14	24.5	27.5	1610	3020	18.2	64	33.5	
SRC44 468	790	790	16	28.2	28.2	3250	2830	65	97	112	3620	6050	74	215	120	
SRC44 612	790	790	16	28	28	3250	2830	65	100	110	3620	6050	74	225	130	
SRC76 799	1850	1850	65	87	87	7250	6380	255	305	345	10050	10050	365	480	480	
SRC76 1033	1850	1850	65	105	105	7250	6380	255	365	415	10050	10050	365	580	580	
SRC76 1267	1850	1850	65	122	122	7250	6380	255	425	480	10050	10050	365	680	680	
SRC76 1501	1850	1850	65	138	138	7250	6380	255	490	550	10050	10050	365	780	780	

Roller load factor

If the system does not use standard 4 roller carriage, It is necessary to calculate each roller's loading factor. Biggest loaded roller's load determines the system's life.

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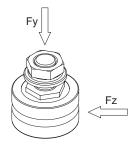
$$LF = \frac{Fy}{Fymax} + \frac{Fz}{Fzmax}$$

LF-Loading Factor

LF should be less than 1.0 for any combination of load

Fy-Actual axial capacity. (N)

Fz - Actual radial capacity. (N)



Below parameters can

Fy max - Max axial load. (N)

Fz max - Max radial load. (N)

Roller's load capacity

Please refer to roller catalog

Life calculation

After getting Loading Factor LF, the life in km can be calculated by selecting one of below two formulas. The basic life can be taken from table below.

Dry system

l ifo/km) —	Basic_life
Life(km) =	(0.03+0.97LF*f) ²

Basic life

Bearing type	Dry system	Lubricated system
R25	100	150
R34	100	150
R54	150	250

Lubricated system

Life(km) =
$$\frac{\text{Basic_life}}{(0.03+0.97\text{LF*f})^3}$$

f - Reduction coefficient of the application and environment.

None vibration or shock, Low speed (<1m/s), Low frequency shift direction, clean environment.	1-1.5
Light vibration or shock, medium speed (1-2.5m/s) medium frequency shift direction, some dirtiness	1.5-2
Heavy vibration or shock, high speed (>2.5m/s) high frequency shift direction, heavy dirty	2-3.5

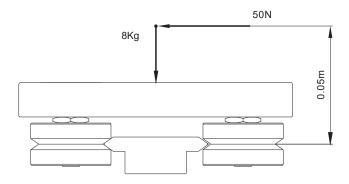
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Calculation example

A machine use size 25 slide and standard carriage. The carriage and work-piece total weight 8kg. When the carriage moving, there is an external load of 50 N exerted as below drawing. Working environment is clean. There is none vibration or shock.



The load factor LF is calculated use formula

$$LF = \frac{Fy}{Fymax} + \frac{Fz}{Fzmax} + \frac{Mx}{Mxmax} + \frac{My}{Mymax} + \frac{Mz}{Mzmax}$$

$$Fy = 8kg \times 9.8 \text{ (gravity)} = 78.40 \text{ N}, Fz = 50 \text{ N}, Mx = 50 \times 0.05 = 2.5 \text{ Nm}, My = 0, Mz = 0$$

Take parameters Fy max, Fz max, Mx max, My max, Mz m ax from table and then fill in the formula

$$LF = \frac{78.4}{1280} + \frac{50}{1200} + \frac{2.5}{14} + \frac{0}{Mymax} + \frac{0}{Mzmax} = 0.2816$$

Then life (km) calculation can use formula as below:

Dry system

Life(km) =
$$\frac{\text{Basic_life}}{(0.03+0.97\text{LF*f})^2}$$

Basic life is 100km. f=1.3

Life(km) =
$$\frac{100}{(0.03+0.97*0.2816*1.3)^{2}} = 674 \text{km}$$

Lubricated system

Life(km) =
$$\frac{\text{Basic_life}}{(0.03+0.97\text{LF*f})^3}$$

Basic life is 150km. f=1.1

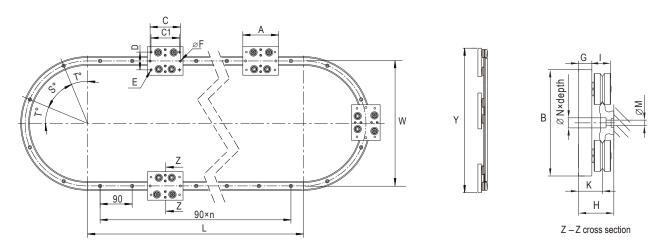
Life(km) =
$$\frac{150}{(0.03+0.97^{*}0.2816^{*}1.1)^{3}} = 4155 \text{km}$$

From this example, it shows clearly that lubrication is so important for the life. Please pay attention to install the lubrication system for your system.

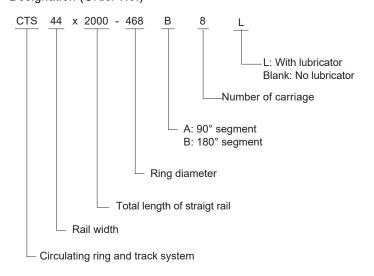
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Set Number		Components		Dimension													
Set Number	Straight Rail	Segment	Carriage	Α	В	С	C1	D	Е	ΦF	G	Н	ı	K	S°	T°	W
CTS25 x L-159B	LGV25 x L	CGV25 159 R180	CTC25 159	95	80	80	85	50	M6	6	12	31	16.6	21	45	22.5	159
CTS25 x L-255B	LGV25 x L	CGV25 255 R180	CTC25 255	100	80	85	80	50	M6	6	12	31	16.6	21	45	22.5	255
CTS25 x L-351B	LGV25 x L	CGV25 351 R180	CTC25 351	105	80	90	85	50	M6	6	12	31	16.6	21	30	15	351
CTS44 x L-468B	LGV44 x L	CGV44 468 R180	CTC44 468	145	116	125	120	75	M8	8	15	39	21.3	26.5	30	15	468
CTS44 x L-612B	LGV44 x L	CGV44 612 R180	CTC44 612	150	116	130	125	75	M8	8	15	39	21.3	26.5	22.5	11.25	612



Temperature range

- -20 °C to +120 °C without lubricator
 -20 °C to +60 °C with lubricator

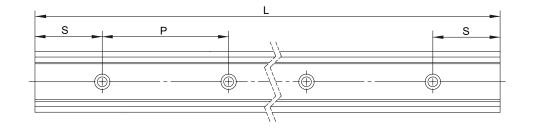
Maximum speed

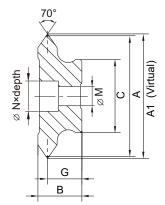
- 1m/s for dry (unlubricated) operation
- 5m/s when lubricated

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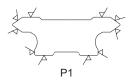
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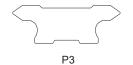




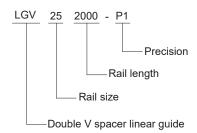








Part No		A	ı	3	(0	(3	М	N	Р	S	Lm	nax	Weight
	P1	P3	P1	P3	P1	P3	P1	P1 P3		Ф x depth			P1	P3	kg/m
LGV25 x L	25	25.7	12.5	13.1	18	18.6	10	10 10.3		9.5x7	90	45	2000	4000	1.55
LGV44 x L	44	44.7	16	16.6	26.6	27.2	12.5	12.8	7	11x7.5	90	45	2000	4000	3.55
LGV76 x L	76	76.1	24	24.6	50	50.5	19.5	19.5 19.75		20x13	90	45	2000	4000	7



Standard Version

High carbon-chromium steel (DIN 100Cr6/AISI 52100), hardened on V faces to HRC56-HRC60 for high wear resistance, ground double 70° V working edges together to ensure parallelism, soft rail body for customization machining process, other faces are phosphated for corrosion resistance.

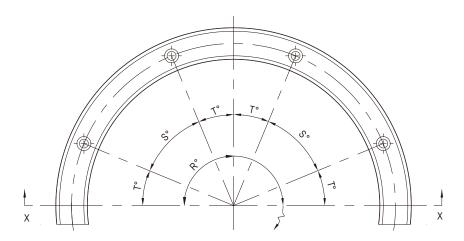
Stainless Steel Version

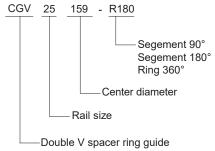
AISI 420, hardened on V faces to HRC53-HRC55, ground on all main surfaces for precision.

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Material

Standard:

High carbon-chromium steel, hardened on V-sliding surface to HRC56-60. Main surfaces ground for precision, other surfaces manganese phosphated.

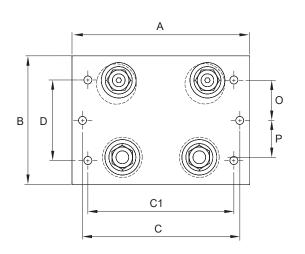
Stainless steel:

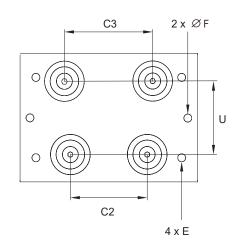
AISI 420, hardened to HRC 53-55. All main surfaces ground to for precision.

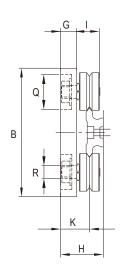
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1	J	
Н)%
f f	ØB	ØM
	Ø A	
<u>'</u>	ØC	<u>_</u>
l		ı

Part No.	А	В	С	Е	G	Н	_	J	L Ø x Depth	ØM	Hole Number (R=360°)	Holes F ±0 S°	Position 0.2 T°	Weight (kg) (R=360°)	Screw DIN912
CGV25 159	159	141	177	25	18	12.5	10	5	9.5 x 7	6	8	45	22.5	0.77	M5
CGV25 255	255	237	273	25	18	12.5	10	5	9.5 x 7	6	8	45	22.5	1.2	M5
CGV25 351	351	333	369	25	18	12.5	10	5	9.5 x 7	6	12	30	15	1.65	M5
CGV44 468	468	441.4	494.6	44	26.6	16	12.5	7	11 x 7.5	7	12	30	15	5.1	M6
CGV44 612	612	585.4	638.6	44	26.6	16	12.5	7	11 x 7.5	7	16	22.5	11.25	6.7	M6

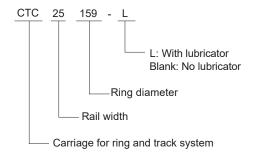








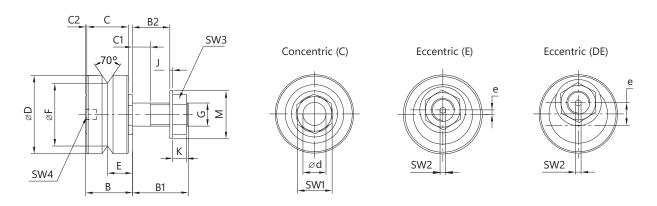
Part No.									Dir	nens	ion								Weight
U A B C C1 C2 C3 D E ФF G H I K O P Q									Q	RØ	kg								
CTC25 159	46	95	80	80	85	37	50.15	50	M6	6	12	31	16.6	21	24.38	23.01	22 x 8.9	8	0.41
CTC25 255	46	100	80	85	80	36.5	43.86	50	M6	6	12	31	16.6	21	24.38	23.01	22 x 8.9	8	0.42
CTC25 351	46	105	80	90	85	40	45.66	50	M6	6	12	31	16.6	21	24.38	23.01	22 x 8.9	8	0.43
CTC44 468	71.9	145	116	125	120	65	75.95	75	M8	8	15	39	21.3	26.5	38.25	35.94	25 x 9.2	10	1.11
CTC44 612	71.9	150	116	130	125	70	78.8	75	M8	8	15	39	21.3	26.5	38.25	35.94	25 x 9.2	10	1.14



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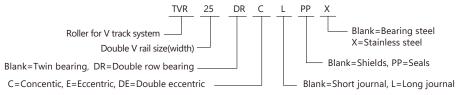
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	Part No.		D		е	В	Е	B1	B2	C1	F	G	С	d	J	K	М
Concentric	Eccentric	Double Eccentric		E	DE		±0.02		max		±0.025			+0.00			
TVR12C	TVR12E	TVR12DE	12.7	0.6	1.9	10.1	5.5	6	3	2.5	9.63	M4x0.5	8	4	0.8	2.2	9
TVR12CL	TVR12EL	TVR12DEL	12.7	0.0	1.5	10.1	5.5	9.5	6.7	2.5	9.03	1014XU.3	٥	4	0.0	2.2	9
TVR20C	TVR20E	TVR20DE						7.4	3.4	2.4							
TVR20DRC	TVR20DRE	TVR20DRDE	18	0.7	2	12.4	6.75	7.4	3.4	2.4	14	M6x0.75	10	6	0.8	3.2	13
TVR20CL	TVR20EL	TVR20DEL	10	0.7		12.4	0.73	14	10	2.5	14	WOXU.73	10	0	0.0	3.2	13
TVR20DRCL	TVR20DREL	TVR20DRDEL						14	10	2.3							
TVR25C	TVR25E	TVR25DE						10	3.8	3.5							
TVR25DRC	TVR25DRE	TVR25DRDE	25	0.75	2	16.5	9	10	3.0	3.3	20.4	M8x1	14	8	1	5	17
TVR25CL	TVR25EL	TVR25DEL	20	0.75		10.5	9	19	13	3.9	20.4	IVIOX I	14	0	'	5	17
TVR25DRCL	TVR25DREL	TVR25DRDEL						19	13	3.9							
TVR44C	TVR44E	TVR44DE						14	6.6	5.5							
TVR44DRC	TVR44DRE	TVR44DRDE	34	1	2.5	21.2	11.5	14	0.0	0.0	27.17	M10x1.25	18	10	1.25	6	21
TVR44CL	TVR44EL	TVR44DEL	34	'	2.0	21.2	11.5	22	14.8	5.9	27.17	W110X1.23	10	10	1.20	0	21
TVR44DRCL	TVR44DREL	TVR44DRDEL						22	14.0	5.9							
TVR76C	TVR76E	TVR76DE						18	8.2	6							
TVR76DRC	TVR76DRE	TVR76DRDE	54	1.5		246	10	10	0.2	0	40	M14x1.5	28	14	1.6	8	28
TVR76CL	TVR76EL	TVR76DEL	54	1.5	5.5	34.6	19	30	20.4	7.9	42	IVI 14X 1.5	28	14	1.0	0	28
TVR76DRCL	TVR76DREL	TVR76DRDEL						30	20.4	7.9							

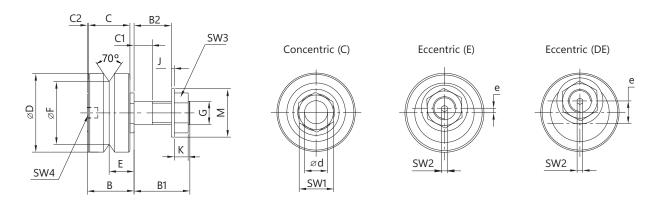




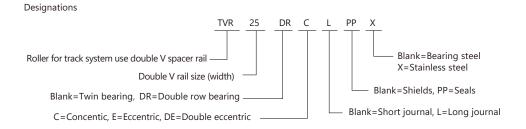
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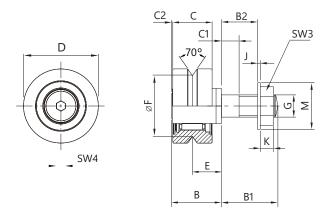
SW1	SW2	SW3	SW4	Weight	Max Work	ing Load (N)	В	earing Loa	d Capacity (N)		Part No.	
				lea	Radial	Axial	Ra	ıdial	Ax	ial	Concentric	Eccentric	Double
				kg	Rauiai	Axiai	Co	С	Со	С	Concentric	Eccentric	Eccentric
7		7	1.5	0.008	108	54	260	690	74	190	TVR12C	TVR12E	TVR12DE
'	-	,	1.5	0.000	100	34	200	090	74	190	TVR12CL	TVR12EL	TVR12DEL
					180	112	590	1430	170	410	TVR20C	TVR20E	TVR20DE
11	2.5	10	2	0.019	486	171	1160	2300	430	850	TVR20DRC	TVR20DRE	TVR20DRDE
''	2.5	10	2	0.019	180	112	590	1430	170	410	TVR20CL	TVR20EL	TVR20DEL
					486	171	1160	2300	430	850	TVR20DRCL	TVR20DREL	TVR20DRDEL
					540	288	1310	3230	325	790	TVR25C	TVR25E	TVR25DE
13	3	13	3	0.049	1350	360	2640	5210	820	1610	TVR25DRC	TVR25DRE	TVR25DRDE
13	3	13	3	0.049	540	288	1310	3230	325	790	TVR25CL	TVR25EL	TVR25DEL
					1350	360	2640	5210	820	1610	TVR25DRCL	TVR25DREL	TVR25DRDEL
					1260	720	2590	5290	550	1260	TVR44C	TVR44E	TVR44DE
15	4	17	4	0.116	2700	810	5010	9290	1360	2520	TVR44DRC	TVR44DRE	TVR44DRDE
15	4	17	4	0.116	1260	720	2590	5290	550	1260	TVR44CL	TVR44EL	TVR44DEL
					2700	810	5010	9290	1360	2520	TVR44DRCL	TVR44DREL	TVR44DRDEL
					2880	1620	6650	13590	1130	2310	TVR76C	TVR76E	TVR76DE
27	6	22	8	0.416	4500	2250	12890	21370	2770	4600	TVR76DRC	TVR76DRE	TVR76DRDE
21	0	6 22	0	0.410	2880	1620	6650	13590	1130	2310	TVR76CL	TVR76EL	TVR76DEL
				4500	2250	12890	21370	2770	4600	TVR76DRCL	TVR76DREL	TVR76DRDEL	

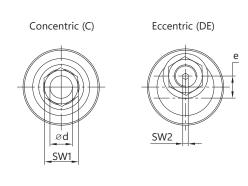


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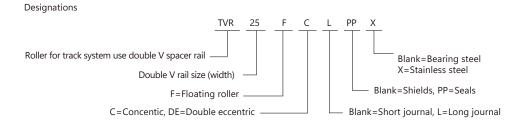
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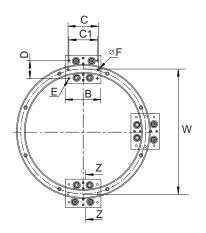
Pai	rt No.	D	е	В		E	B1	B2	C1	F	G	С	d	J	K	М	SW1	SW2	SW3	SW4	Weight	Max		g Load
Con.	Double Eccentric				min	max		max		±0.025			+0.00								kg	Working Load (N)	Capad	city (N)
TVR25FC	TVR25FDE	25	2	10.1	9	10.5	11.3	3.8	3.5	20.4	M8x1	14	0	1	5	17	13	2	12	•	0.057	1350	6050	4950
TVR25FCL	TVR25FDEL	25	Z	18.1	9	10.5	19	13	5	20.4	IVIOXI	14	8	1	5	17	13	3	13	3	0.059	1330	6050	4950
TVR44FC	TVR44FDE	34	2.5	23.2	11.5	13.5	14.3	6.6	5.5	27.17	M10x1.25	18	10	1.25	6	21	15	4	17	4	0.129	2700	12450	11450
TVR44FCL	TVR44FDEL	34	2.5	23.2	11.5	13.3	22	14.8	6	21.11	WITUX 1.25	10	10	1.20	١	21	13	4	17	4	0.134	2700	12430	11430
TVR76FC	TVR76FDE	54	5.5	37.2	19	21.6	19.8	8.2	6	42	M14x1.5	28	14	1.6	8	28	27	6	22	8	0.493	4500	28800	21300
TVR76FCL	TVR76FDEL	54	J.J	31.2	19	21.0	30	20.4	8	42	WITHXI.3	20	14	1.0	0	20	21	0	22	0	0.503	4500	20000	21300



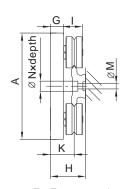






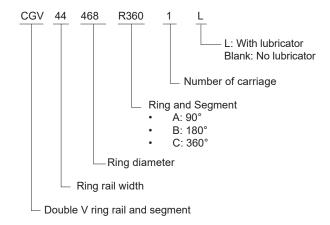






Z-Z cross section

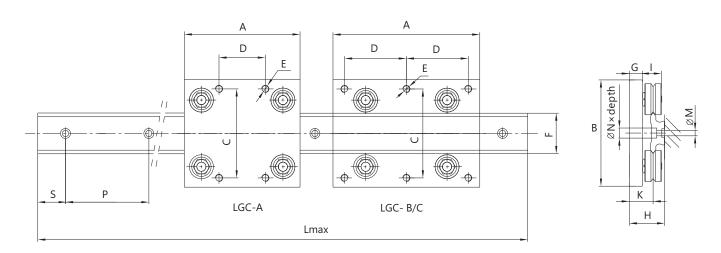
Ring	Carriage	W	А	В	С	C1	D	Е	ФЕ	G	Н	- 1	К
CGV25 159 R360	CTC25 159	159	95	80	80	85	50	M6	6	12	31	16.6	21
CGV25 255 R360	CTC25 255	255	100	80	85	80	50	M6	6	12	31	16.6	21
CGV25 351 R360	CTC25 351	351	105	80	90	85	50	M6	6	12	31	16.6	21
CGV44 468 R360	CTC44 468	468	145	116	125	120	75	M8	8	15	39	21.3	26.5
CGV44 612 R360	CTC44 612	612	150	116	130	125	75	M8	8	15	39	21.3	26.5



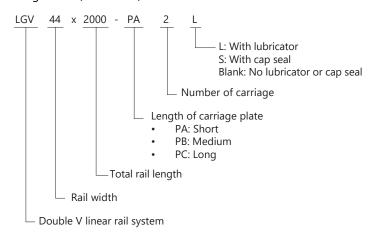








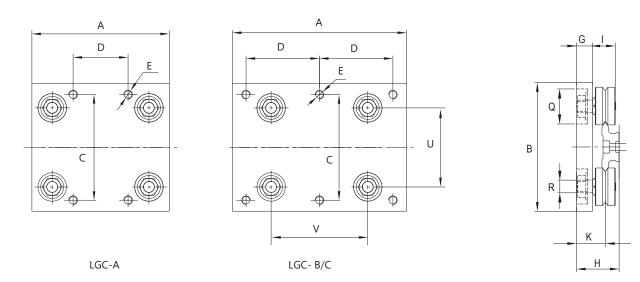
Rail	Carriage	Roller	Α	В	B C D E G H I		K	мø	NØ	Р	S	Lm	nax					
Naii	Carriage	Kollei	A	В	C	D	_	g	P1	Р3		K	IVID	x depth		3	P1	P3
	LGC25A	TVR25C	80			24	4xM6											
LGV25XL	LGC25B	TVR25E	135	80	65	60	6xM6	12	31	31.5	16.5	21	6	9.5x7	90	45	2000	4000
	LGC25C	IVNZJE	180			82	6xM6											
	LGC44A	TVR34C	125			50	4xM8											
LGV44XL	LGC44B	TVR34E	180	116	96	80	6xM8	15	39	39.5	21	26.5	7	11x8	90	45	2000	4000
	LGC44C	IVN34E	225			103	6xM8											
	LGC76A	TVR54C	200			90	4xM10											
LGV76XL	LGC76B	TVR54E	300	185 16	160	135	6xM10	20	58.5	58.75	33.5	76	14	20x13	90	45	2000	4000
	LGC76C	I VINJ4E	400		185	6xM10												



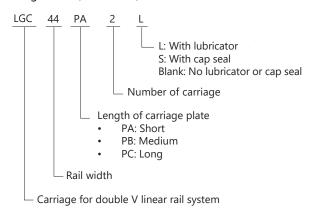
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Part No.	А	В	С	D	Е	G		Н		К	Q	RØ	U	V	Weight
Part NO.	А	Б	C	D		G	P1	P3		N	Q	KØ	U	V	kg
LGC25A	80			24	4xM6									51	0.4
LGC25B	135	80	65	60	6xM6	12	31	31.5	16.5	21	22 x 8.9	8	46	74	0.52
LGC25C	180			82	6xM6									120	0.65
LGC44A	125			50	4xM8									88	1.08
LGC44B	180	116	96	80	6xM8	15	39	39.5	21	26.5	25 x 9.2	10	71.9	103	1.39
LGC44C	225			103	6xM8									153	1.58
LGC76A	200			90	4xM10									130	1.78
LGC76B	300	185	160	135	6xM10	20	58.5	58.75	33.5	76	32 x 13.5	14	118.5	165	2.28
LGC76C	400			185	6xM10									265	3.08



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Shanghai Chenghui Bearing Co.,Ltd

Ring and Track System Technical Requirment

Contact:Mr.Jason Zhou, Mobile:+86 18616206301, E-mail: jason@chenghuibearing.com

Customor	l _r	Data	
Customer		Date	
Contact	E	Email	
Mobile		Delivery	
	Please fill in the following chart ex please give us	you can't give us a concrete value al description.	
	Technical Data		Customer Requiement
	of workstations (carriage) you need and the roositioned, such as 20 /5, 10/0	number	
	e between adjacent station centers, such as 3 nce, about 400mm	300mm,	
	he time from one workstation to the next, such n 2s, about 10s	h as 1.5s,	
The carriage	e plate length and width (accurate or approxim	nate)	
	pacity on your individual workstation (carriage re is a press force	e) and	
	ing accuracy you need, if there is no accuracy ease leave blank.	у	
The ring slid	le diameter		
The way of o	connection between the slides (belt, linkage, o	chain)	
	size of the whole machine (accurate or approving a blank space of 600mm in the middle, as		
shape pleas	of your whole machine (circle, oval, rectangle, ee specify) (rectangle indicates the lenths of the and short straight side).		
	ng method of the rail (horizontal, vertical, if the to stall please specify it.	ere are	
Operating di	irection (clock、anti-clock)		
	ribe the working environment of your producti as high temperature, oil pollution, dust-free w		
	Supplemental Technical	Documer	t (drawing or 3D model)



