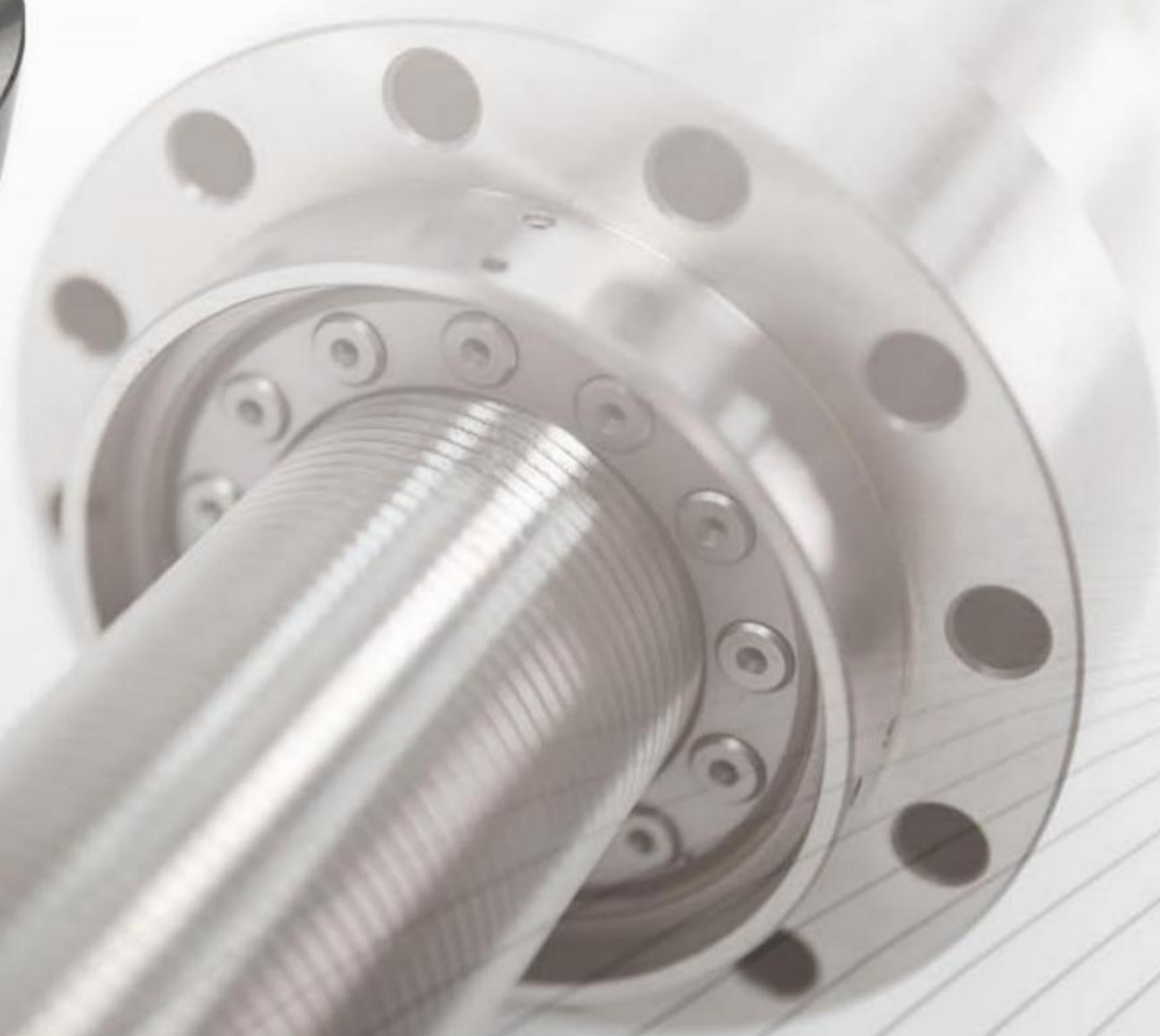


Planetary roller screw
行星滚柱丝杆 始于2010

High-quality planetary roller screw provides services worldwide



河北义迪进出口贸易有限公司

HEBEI YIDI IMPORT AND EXPORT TRADING CO., LTD

公司简介

INTRODUCTION

Hebei Yidi Import and Export Trading Co., Ltd. is one of the very few technology-based enterprises worldwide that can design and manufacture a full range of planetary roller screw mechanisms, and it possesses independent intellectual property rights. The company is dedicated to the research and production of planetary roller screw mechanisms and their derivative products.

In 2012, the first generation of planetary roller screw achieved a systematic breakthrough;

In 2014, the second generation of planetary roller screw was implemented;

In 2016, the third generation of planetary roller screw was implemented;

In 2018, the fourth generation of planetary roller screw was implemented;

In 2020, the fifth generation of planetary roller screw was implemented;

In 2024, the sixth generation of planetary roller screw was implemented.

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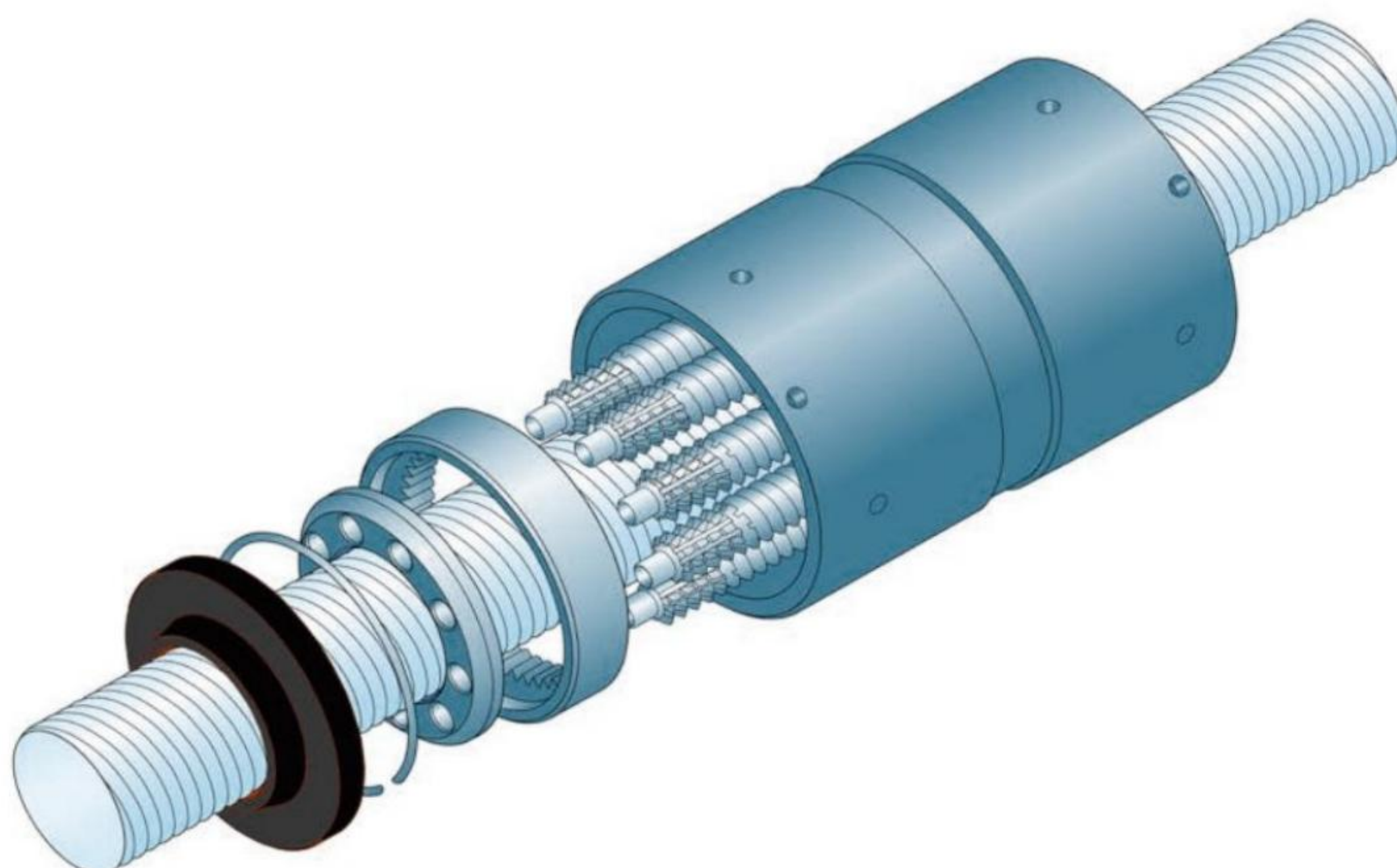
●	CHR Series	1–10
●	CHRZ Series	11–14
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●	CHRI Series	17–27
●	CHRD Series	28–33
●	CHRW/M Series	34–37
	Application Selection Table	

CHR Series - Planetary roller screw

丝杠直径 (D)	丝杠头数 (N)	导程(P)																					
		1	2	3	4	5	6	8	9	10	11	12	15	17	18	19	20	24	25	30	35	36	42
3.5	3	√	√																				
5	3	√	√	√																			
7	4	√	√	√	√																		
8	4	√	√	√	√																		
10	5		√	√	√																		
12	5		√	√	√	√	√	√															
15	5		√	√	√	√	√	√															
18	5		√	√	√	√	√	√		√													
20	5		√	√	√	√	√	√		√													
21	5		√	√	√	√	√	√		√													
23	5		√	√	√	√	√	√		√													
25	5		√		√	√	√	√		√			√										
	6			√			√					√											
27	5		√		√	√	√	√		√			√										
30	5		√		√	√	√	√		√			√				√		√	√			
36	5		√		√	√	√	√		√			√				√						
	6						√					√			√			√					
39	5		√		√	√	√	√		√			√				√		√				
44	6						√					√			√			√		√			
48	5					√				√			√				√		√	√			
	6					√	√	√		√		√	√		√		√	√					
51	5					√				√			√				√		√				
56	6						√		√			√	√		√			√		√		√	
60	5					√				√			√				√		√	√	√		
	6						√			√		√			√		√			√			√
64	6						√					√			√			√		√		√	
70	6						√					√			√			√		√		√	
75	5									√			√				√		√	√			
80	6											√			√			√		√		√	
87	5									√			√				√		√	√			
92	6											√			√			√		√		√	
100	5												√				√		√	√	√		
	6											√			√			√		√			
120	5												√				√		√	√	√		
	6														√			√		√		√	

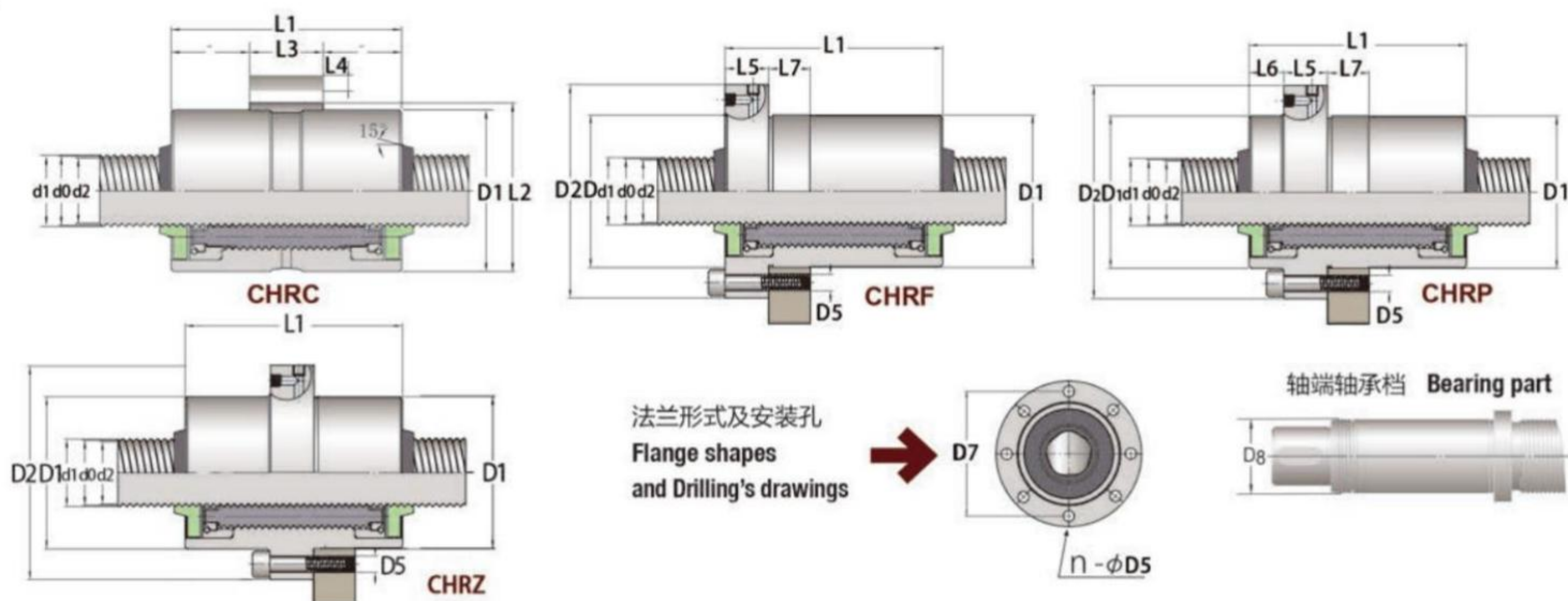
CHR Series - Planetary roller screw

Size	Pagination
● CHRC/F/P 3.5/5/7/8/10/12/15	3
● CHRC/F/P 18/20/21/23	4
● CHRC/F/P 25/27/30	5
● CHRC/F/P 36/39/44	6
● CHRC/F/P 48/51/56	7
● CHRC/F/P 60/64/70	8
● CHRC/F/P 75/80/87/92	9
● CHRC/F/P 100/120	10



CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器 Without wiper	有刮油器 With wiper	L2	L3	L4	L5	L6	L7	D8
							Ca	C0a													
							L1	L1													
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	3.5x1	3	3.5	3.61	3.34	0.89	3.9	8.4	15	35	8-4.8	25	28	38	16	10	2	13	-	12	
CHRC/F/P	3.5x2	3	3.5	3.70	3.16	0.88	4.6	8.5	15	35	8-4.8	25	28	38	16	10	2	13	-	12	-
CHRC/F/P	5x1	3	5	4.61	4.34	0.88	5.2	11.7	19	39	8-4.8	29	30	40	20.3	10	3	13	-	12	-
CHRC/F/P	5x2	3	5	4.71	4.17	0.89	6.2	11.8	19	39	8-4.8	29	30	40	20.3	10	3	13	-	12	-
CHRC/F/P	5x3	3	5	4.78	3.97	0.86	6.7	11.9	19	39	8-4.8	29	30	40	20.3	10	3	13	-	12	-
CHRC/F/P	7x1	4	7	7.09	6.88	0.84	7.7	18.7	19	41	8-4.8	31	31	41	20.3	10	3	13	-	12	-
CHRC/F/P	7x2	4	7	7.16	6.76	0.89	8.3	16.4	19	41	8-4.8	31	31	41	20.3	10	3	13	-	12	-
CHRC/F/P	7x3	4	7	7.23	6.62	0.89	9.0	16.2	19	41	8-4.8	31	31	41	20.3	10	3	13	-	12	-
CHRC/F/P	7x4	4	7	7.28	6.47	0.88	9.7	16.6	19	41	8-4.8	31	31	41	20.3	10	3	13	-	12	-
CHRC/F/P	8x1	4	8	8.09	7.89	0.83	8.4	20.2	21	46	8-4.8	31	34	44	22.3	12	3	16	-	12	12
CHRC/F/P	8x2	4	8	8.17	7.76	0.88	10.0	20.3	21	46	8-4.8	36	34	44	22.3	12	3	16	-	12	12
CHRC/F/P	8x3	4	8	8.23	7.63	0.89	9.9	17.5	21	46	8-4.8	36	34	44	22.3	12	3	16	-	12	12
CHRC/F/P	8x4	4	8	8.29	7.48	0.88	10.7	18.0	21	46	8-4.8	36	34	44	22.3	12	3	16	-	12	12
CHRC/F/P	10x2	5	10	10.64	10.31	0.87	13.3	24.8	24	46	8-4.8	36	31	41	25.3	10	3	13	-	12	-
CHRC/F/P	10x3	5	10	10.69	10.21	0.89	14.3	24.1	24	46	8-4.8	36	31	41	25.3	10	3	13	-	12	-
CHRC/F/P	10x4	5	10	10.75	10.10	0.89	15.6	25.1	24	46	8-4.8	36	31	41	25.3	10	3	13	-	12	-
CHRC/F/P	12x2	5	12	12.14	11.81	0.86	14.6	26.9	26	51	8-4.8	41	34	44	27.3	12	3	16	-	12	15
CHRC/F/P	12x3	5	12	12.20	11.71	0.88	15.7	26.1	26	51	8-4.8	41	34	44	27.3	12	3	16	-	12	15
CHRC/F/P	12x4	5	12	12.25	11.60	0.89	17.2	27.2	26	51	8-4.8	41	34	44	27.3	12	3	16	-	12	15
CHRC/F/P	12x5	5	12	12.30	11.49	0.89	18.1	27.3	26	51	8-4.8	41	34	44	27.3	12	3	16	-	12	15
CHRC/F/P	12x6	5	12	12.35	11.38	0.88	18.4	26.5	26	51	8-4.8	41	34	44	27.3	12	3	16	-	12	15
CHRC/F/P	12x8	5	12	12.42	11.12	0.86	18.6	24.9	26	51	8-4.8	41	34	44	27.3	12	3	16	-	12	15
CHRC/F/P	15x2	5	15	15.14	14.82	0.84	24.6	55.4	35	58	8-5.8	46	41	51	36.5	16	4	18	-	12	17
CHRC/F/P	15x3	5	15	15.20	14.72	0.87	25.5	50.5	35	58	8-5.8	46	41	51	36.5	16	4	18	-	12	17
CHRC/F/P	15x4	5	15	15.26	14.61	0.88	26.8	49.5	35	58	8-5.8	46	41	51	36.5	16	4	18	-	12	17
CHRC/F/P	15x5	5	15	15.32	14.51	0.89	28.9	51.5	35	58	8-5.8	46	41	51	36.5	16	4	18	-	12	17
CHRC/F/P	15x6	5	15	15.37	14.39	0.89	29.9	51.0	35	58	8-5.8	46	41	51	36.5	16	4	18	-	12	17
CHRC/F/P	15x8	5	15	15.45	14.16	0.88	31.4	50.1	35	58	8-5.8	46	41	51	36.5	16	4	18	-	12	17

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程
D—标准直径
N—丝杠头数
d0—公称直径

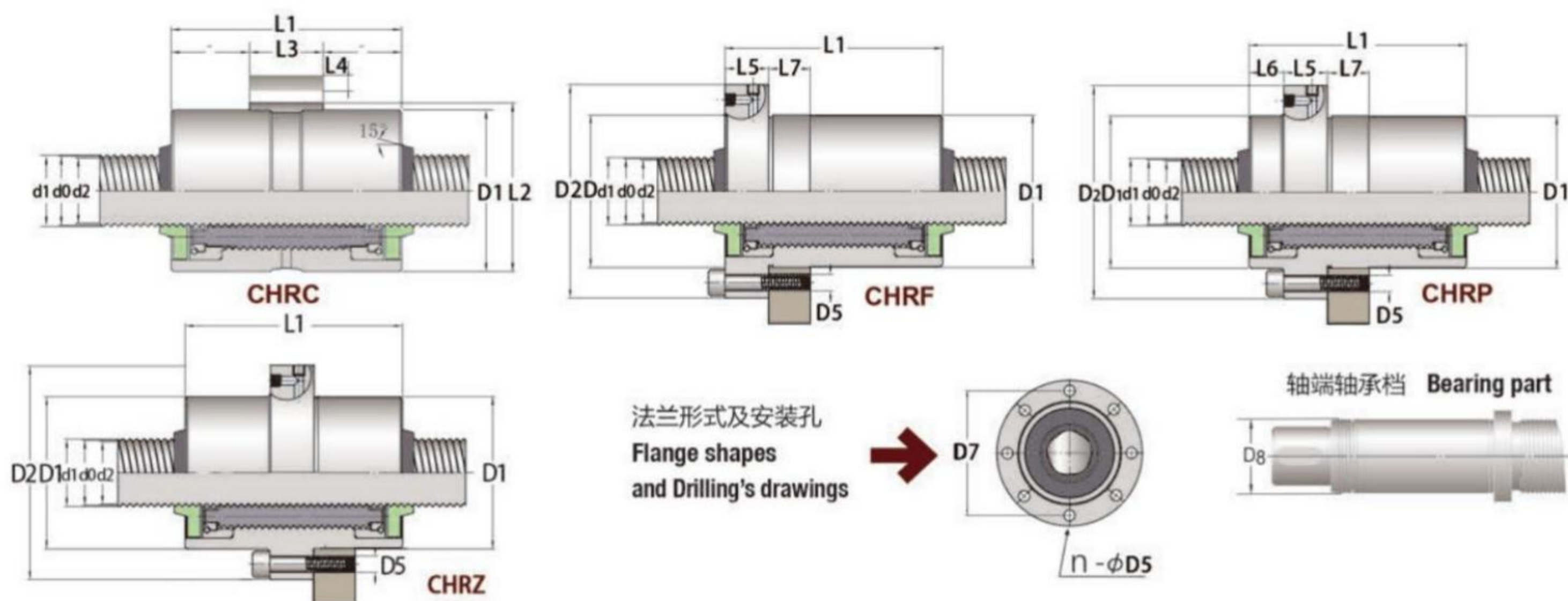
P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器 Without wiper		L2	L3	L4	L5	L6	L7	D8
							Ca	C0a					L1	L1							
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	18X2	5	18	18.14	17.82	0.82	31.7	75.8	40	63	8-5.8	51	48	58	42	18	5	18	-	12	20
CHRC/F/P	18X3	5	18	18.21	17.72	0.86	35.0	76.1	40	63	8-5.8	51	48	58	42	18	5	18	-	12	20
CHRC/F/P	18X4	5	18	18.27	17.62	0.88	37.5	76.3	40	63	8-5.8	51	48	58	42	18	5	18	-	12	20
CHRC/F/P	18X5	5	18	18.33	17.52	0.89	36.6	68.1	40	63	8-5.8	51	48	58	42	18	5	18	-	12	20
CHRC/F/P	18X6	5	18	18.38	17.41	0.89	38.7	69.7	40	63	8-5.8	51	48	58	42	18	5	18	-	12	20
CHRC/F/P	18X8	5	18	18.48	17.18	0.89	40.2	67.2	40	63	8-5.8	51	48	58	42	18	5	18	-	12	20
CHRC/F/P	18X10	5	18	18.56	16.94	0.88	42.7	69.1	40	63	8-5.8	51	48	58	42	18	5	18	-	12	20
CHRC/F/P	20X2	5	19.5	19.64	19.32	0.81	39.1	102.1	42	64	8-5.8	53	55	65	43.7	20	4	20	-	12	-
CHRC/F/P	20X3	5	19.5	19.71	19.22	0.85	42.7	100.6	42	64	8-5.8	53	55	65	43.7	20	4	20	-	12	-
CHRC/F/P	20X4	5	19.5	19.77	19.12	0.87	45.7	100.8	42	64	8-5.8	53	55	65	43.7	20	4	20	-	12	-
CHRC/F/P	20X5	5	19.5	19.83	19.02	0.88	48.0	100.2	42	64	8-5.8	53	55	65	43.7	20	4	20	-	12	-
CHRC/F/P	20X6	5	19.5	19.88	18.91	0.89	47.2	92.1	42	64	8-5.8	53	55	65	43.7	20	4	20	-	12	-
CHRC/F/P	20X8	5	19.5	19.99	18.69	0.89	49.3	89.3	42	64	8-5.8	53	55	65	43.7	20	4	20	-	12	-
CHRC/F/P	20X10	5	19.5	20.07	18.45	0.88	51.2	88.1	42	64	8-5.8	53	55	65	43.7	20	4	20	-	12	-
CHRC/F/P	21X2	5	21	21.14	20.82	0.80	48.4	106.9	45	68	8-5.8	56	54	64	47	20	5	18	12	12	25
CHRC/F/P	21X3	5	21	21.21	20.72	0.84	52.9	105.3	45	68	8-5.8	56	54	64	47	20	5	18	12	12	25
CHRC/F/P	21X4	5	21	21.27	20.62	0.87	56.7	105.5	45	68	8-5.8	56	54	64	47	20	5	18	12	12	25
CHRC/F/P	21X5	5	21	21.33	20.52	0.88	59.4	104.8	45	68	8-5.8	56	54	64	47	20	5	18	12	12	25
CHRC/F/P	21X6	5	21	21.39	20.42	0.89	62.4	106.0	45	68	8-5.8	56	54	64	47	20	5	18	12	12	25
CHRC/F/P	21X8	5	21	21.49	20.20	0.89	61.2	93.5	45	68	8-5.8	56	54	64	47	20	5	18	12	12	25
CHRC/F/P	21X10	5	21	21.59	19.97	0.89	63.5	92.2	45	68	8-5.8	56	54	64	47	20	5	18	12	12	25
CHRC/F/P	23X2	5	22.5	22.64	22.32	0.79	50.8	111.4	45	68	8-7	56	56	65	46.7	20	4	20	-	12	-
CHRC/F/P	23X3	5	22.5	22.71	22.22	0.84	55.5	109.7	45	68	8-7	56	56	65	46.7	20	4	20	-	12	-
CHRC/F/P	23X4	5	22.5	22.77	22.12	0.86	59.5	109.9	45	68	8-7	56	56	65	46.7	20	4	20	-	12	-
CHRC/F/P	23X5	5	22.5	22.83	22.02	0.88	62.4	109.2	45	68	8-7	56	56	65	46.7	20	4	20	-	12	-
CHRC/F/P	23X6	5	22.5	22.89	21.92	0.88	65.5	110.5	45	68	8-7	56	56	65	46.7	20	4	20	-	12	-
CHRC/F/P	23X8	5	22.5	23.00	21.70	0.89	64.3	97.4	45	68	8-7	56	56	65	46.7	20	4	20	-	12	-
CHRC/F/P	23X10	5	22.5	23.10	21.48	0.89	66.8	96.1	45	68	8-7	56	56	65	46.7	20	4	20	-	12	-

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

d1 External diameter

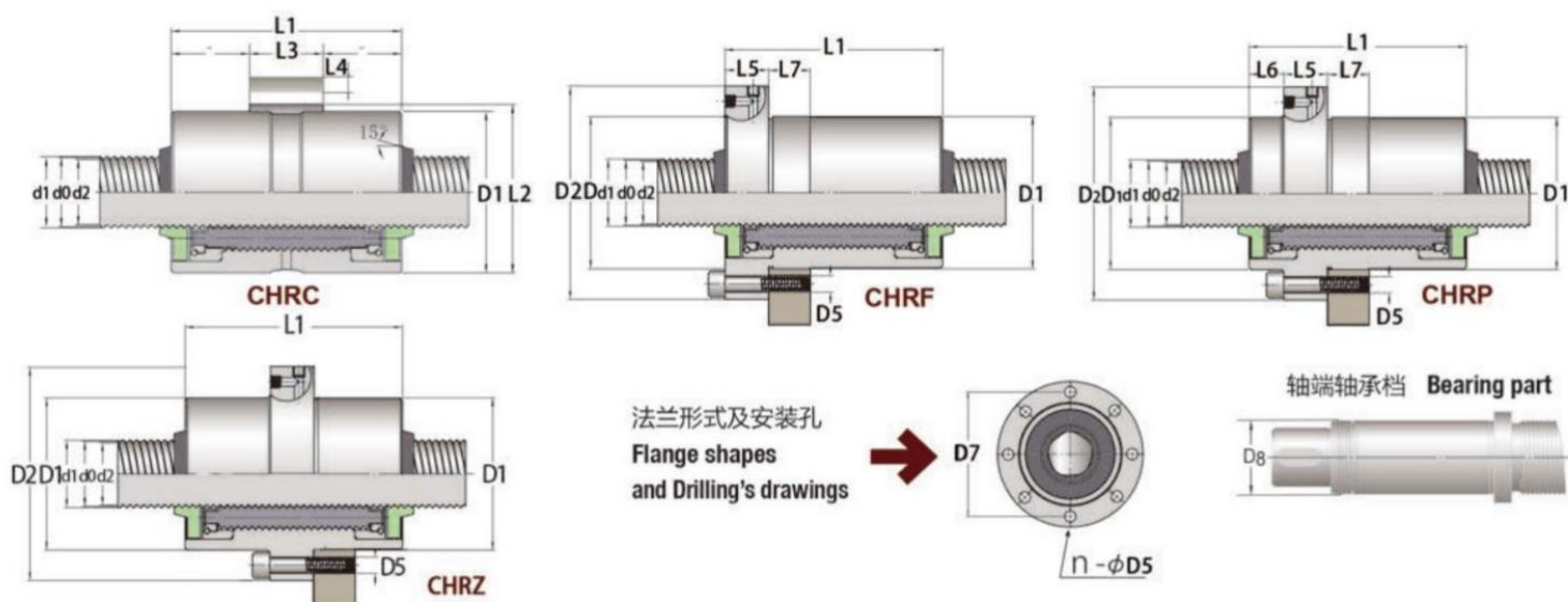
d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器	有刮油器	L2	L3	L4	L5	L6	L7	D8
							Without wiper	With wiper													
							Ca	C0a					L1	L1							
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	25X3	6	24	24.17	23.77	0.83	44.4	89.9	48	71	8-7	59	48	58	49.7	18	4	20	13	12	30
CHRC/F/P	25X6	6	24	24.33	23.52	0.88	49.0	81.8	48	71	8-7	59	48	58	49.7	18	4	20	13	12	30
CHRC/F/P	25X12	6	24	24.57	22.95	0.88	57.4	83.1	48	71	8-7	59	48	58	49.7	18	4	20	13	12	30
CHRC/F/P	25X2	5	24	24.14	23.82	0.78	65.1	160.6	53	84	8-7	70	68	78	55.5	25	6	20	13	12	30
CHRC/F/P	25X4	5	24	24.27	23.63	0.86	77.0	161.2	53	84	8-7	70	68	78	55.5	25	6	20	13	12	30
CHRC/F/P	25X5	5	24	24.34	23.53	0.87	81.3	161.5	53	84	8-7	70	68	78	55.5	25	6	20	13	12	30
CHRC/F/P	25X6	5	24	24.40	23.42	0.88	84.2	159.6	53	84	8-7	70	68	78	55.5	25	6	20	13	12	30
CHRC/F/P	25X8	5	24	24.51	23.21	0.89	90.8	162.4	53	84	8-7	70	68	78	55.5	25	6	20	13	12	30
CHRC/F/P	25X10	5	24	24.61	22.99	0.89	89.6	148.1	53	84	8-7	70	68	78	55.5	25	6	20	13	12	30
CHRC/F/P	25X15	5	24	24.81	22.38	0.87	95.5	144.4	53	84	8-7	70	68	78	55.5	25	6	20	13	12	30
CHRC/F/P	27X2	5	27	27.14	26.82	0.76	71.9	177.5	53	83	8-7	68	65	79	55.2	20	5	22	-	-	-
CHRC/F/P	27X4	5	27	27.28	26.63	0.85	85.1	178.2	53	83	8-7	68	65	79	55.2	20	5	22	-	-	-
CHRC/F/P	27X5	5	27	27.34	26.53	0.86	90.2	179.7	53	83	8-7	68	65	79	55.2	20	5	22	-	-	-
CHRC/F/P	27X6	5	27	27.40	26.43	0.88	93.8	178.9	53	83	8-7	68	65	79	55.2	20	5	22	-	-	-
CHRC/F/P	27X8	5	27	27.52	26.22	0.89	98.7	174.7	53	83	8-7	68	65	79	55.2	20	5	22	-	-	-
CHRC/F/P	27X10	5	27	27.62	26.00	0.89	103.9	175.3	53	83	8-7	68	65	79	55.2	20	5	22	-	-	-
CHRC/F/P	27X15	5	27	27.84	25.41	0.88	104.2	155.4	53	83	8-7	68	65	79	55.2	20	5	22	-	-	-
CHRC/F/P	30X2	5	30	30.14	29.82	0.74	85.7	223.6	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X4	5	30	30.28	29.63	0.84	100.8	221.6	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X5	5	30	30.34	29.53	0.86	107.2	224.7	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X6	5	30	30.41	29.43	0.87	111.1	222.4	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X8	5	30	30.52	29.23	0.88	117.2	217.7	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X10	5	30	30.63	29.01	0.89	126.3	226.5	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X15	5	30	30.87	28.44	0.88	127.3	201.5	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X20	5	30	31.05	27.81	0.86	156.8	229.8	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X25	5	30	31.19	27.14	0.81	166.2	238.7	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35
CHRC/F/P	30X30	5	30	31.27	26.41	0.74	149.8	197.4	62	92	8-9	77	75	85	64.7	20	6	27	16	15	35

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

d1 External diameter

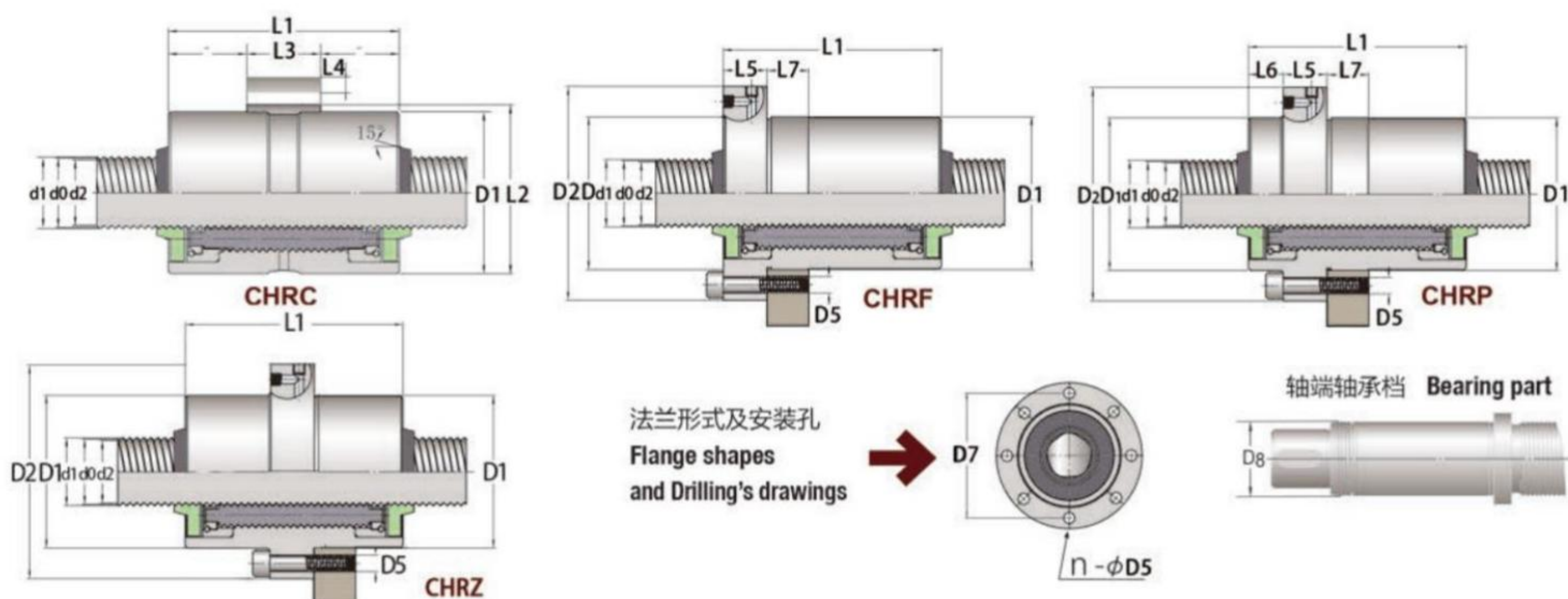
d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器 Without wiper	有刮油器 With wiper	L2	L3	L4	L5	L6	L7	D8
							Ca	C0a					L1	L1							
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	36x6	6	36	36.34	35.53	0.86	101.6	212.6	68	102	8-9	85	68	80	70.2	25	5	27	16	15	40
CHRC/F/P	36x12	6	36	36.63	35.01	0.89	114.0	199.4	68	102	8-9	85	68	80	70.2	25	5	27	16	15	40
CHRC/F/P	36x18	6	36	36.86	34.43	0.88	119.1	187.0	68	102	8-9	85	68	80	70.2	25	5	27	16	15	40
CHRC/F/P	36x24	6	36	37.04	33.80	0.86	141.9	203.5	68	102	8-9	85	68	80	70.2	25	5	27	16	15	40
CHRC/F/P	36x2	5	36	36.14	35.82	0.71	108.2	296.0	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	36x4	5	36	36.28	35.63	0.82	128.1	296.9	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	36x5	5	36	36.35	35.56	0.84	135.2	297.4	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	36x6	5	36	36.41	35.44	0.86	140.4	294.6	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	36x8	5	36	36.53	35.24	0.88	149.4	292.3	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	36x10	5	36	36.65	35.12	0.88	159.6	299.6	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	36x15	5	36	36.91	34.48	0.89	172.3	293.8	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	36x20	5	36	37.12	33.88	0.90	207.3	322.4	74	110	8-9	92	82	96	76.7	28	6	25	16	15	40
CHRC/F/P	39x2	5	39	39.14	38.82	0.69	127.1	368.8	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x4	5	39	39.28	38.63	0.81	149.7	366.2	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x5	5	39	39.35	38.54	0.84	159.4	372.0	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x6	5	39	39.41	38.44	0.85	166.1	370.7	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x8	5	39	39.54	38.24	0.87	174.9	361.2	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x10	5	39	39.66	38.04	0.88	185.5	365.7	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x15	5	39	39.92	37.49	0.89	200.8	359.4	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x20	5	39	40.15	36.91	0.90	234.3	374.5	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	39x25	5	39	40.74	36.29	0.90	241.3	367.8	80	116	8-11	98	90	100	82.7	28	6	25	18	18	45
CHRC/F/P	44x6	6	44	44.35	43.54	0.84	145.5	341.5	80	118	8-11	100	105	115	82.7	28	6	25	18	18	50
CHRC/F/P	44x12	6	44	44.65	43.03	0.88	168.8	334.6	80	118	8-11	100	105	115	82.7	28	6	25	18	18	50
CHRC/F/P	44x18	6	44	44.90	42.47	0.89	176.3	313.1	80	118	8-11	100	105	115	82.7	28	6	25	18	18	50
CHRC/F/P	44x24	6	44	45.12	41.88	0.90	222.4	368.1	80	118	8-11	100	105	115	82.7	28	6	25	18	18	50
CHRC/F/P	44x30	6	44	45.28	41.23	0.90	219.8	339.8	80	118	8-11	100	105	115	82.7	28	6	25	18	18	50

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程
D—标准直径
N—丝杠头数
d0—公称直径

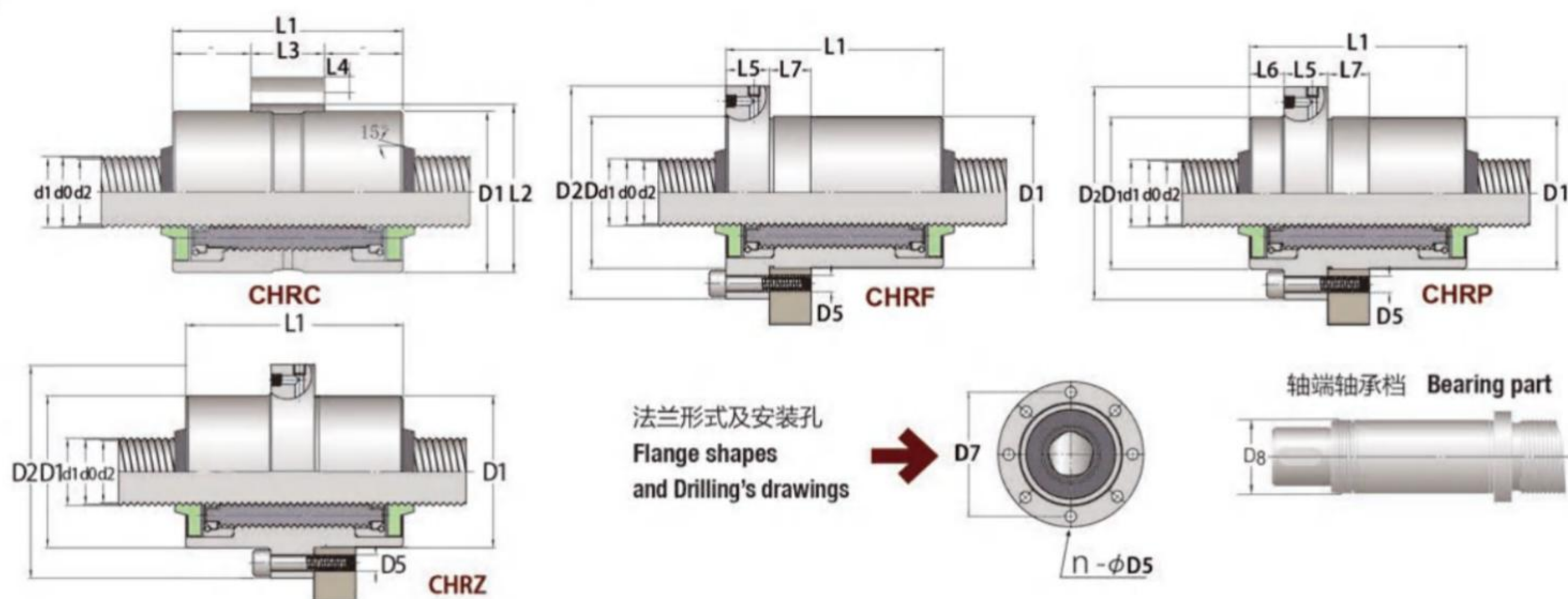
P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器 Without wiper	有刮油器 With wiper	L2	L3	L4	L5	L6	L7	D8
							Ca	C0a					L1	L1							
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	48x5	6	48	48.29	47.62	0.81	169.7	448.8	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x6	6	48	48.35	47.54	0.84	178.7	454.7	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x8	6	48	48.46	47.38	0.86	189.7	448.5	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x10	6	48	48.56	47.21	0.87	198.2	442.3	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x12	6	48	48.66	47.04	0.88	211.2	457.6	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x15	6	48	48.79	46.77	0.88	220.8	453.6	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x18	6	48	48.92	46.49	0.89	217.5	417.5	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x20	6	48	49.00	46.30	0.89	221.6	415.1	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x24	6	48	49.15	45.91	0.90	270.6	478.6	86	122	8-11	104	115	127	88.7	45	6	37	20	20	55
CHRC/F/P	48x5	5	48	48.35	47.54	0.82	218.6	556.2	100	150	8-13.5	127	115	127	103	45	8	37	20	20	55
CHRC/F/P	48x10	5	48	48.67	47.05	0.87	258.5	559.1	100	150	8-13.5	127	115	127	103	45	8	37	20	20	55
CHRC/F/P	48x15	5	48	48.99	46.53	0.88	284.5	562.1	100	150	8-13.5	127	115	127	103	45	8	37	20	20	55
CHRC/F/P	48x20	5	48	49.21	45.97	0.89	360.1	659.2	100	150	8-13.5	127	115	127	103	45	8	37	20	20	55
CHRC/F/P	48x25	5	48	49.43	45.38	0.90	332.3	579.6	100	150	8-13.5	127	115	127	103	45	8	37	20	20	55
CHRC/F/P	48x30	5	48	49.62	44.75	0.89	340.6	605.2	100	150	8-13.5	127	115	127	103	45	8	37	20	20	55
CHRC/F/P	51x5	5	51	51.35	50.54	0.80	263.0	725.9	102	147	8-13.5	124	125	139	105	50	8	35	-	20	-
CHRC/F/P	51x10	5	51	51.68	50.06	0.87	308.0	717.3	102	147	8-13.5	124	125	139	105	50	8	35	-	20	-
CHRC/F/P	51x15	5	51	51.97	49.54	0.89	339.0	720.4	102	147	8-13.5	124	125	139	105	50	8	35	-	20	-
CHRC/F/P	51x20	5	51	52.23	48.99	0.89	425.8	844.0	102	147	8-13.5	124	125	139	105	50	8	35	-	20	-
CHRC/F/P	51x25	5	51	52.45	48.40	0.89	432.0	861.1	102	147	8-13.5	124	125	139	105	50	8	35	-	20	-
CHRC/F/P	56x6	6	56	56.36	55.30	0.80	219.5	584.9	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60
CHRC/F/P	56x9	6	56	56.60	55.00	0.83	257.0	449.2	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60
CHRC/F/P	56x12	6	56	56.80	54.70	0.87	256.1	575.9	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60
CHRC/F/P	56x15	6	56	57.00	54.40	0.87	258.0	505.8	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60
CHRC/F/P	56x18	6	56	56.95	54.52	0.87	277.9	566.9	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60
CHRC/F/P	56x24	6	56	57.50	53.80	0.88	339.4	631.2	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60
CHRC/F/P	56x30	6	56	57.40	53.35	0.88	355.7	648.1	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60
CHRC/F/P	56x36	6	56	57.58	52.72	0.86	332.0	584.9	100	150	8-13.5	127	125	139	103	40	8	37	22	20	60

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

d1 External diameter

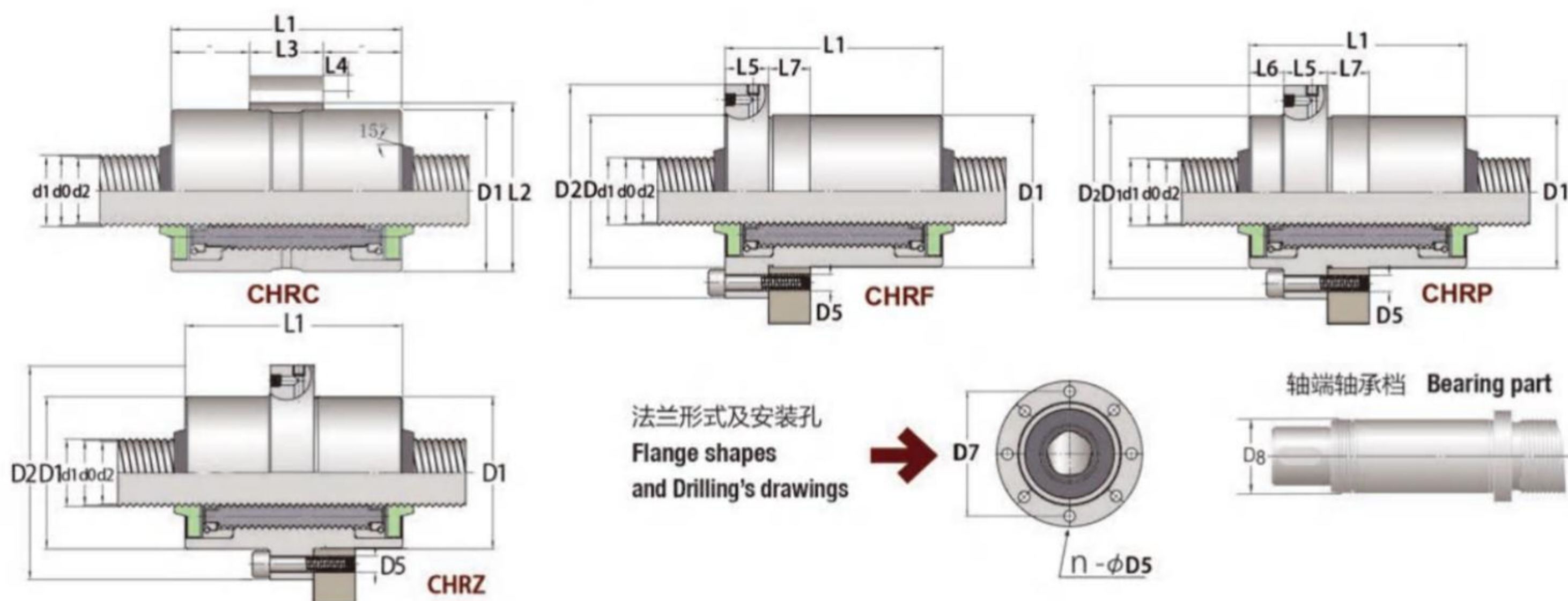
d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器 Without wiper	有刮油器 With wiper	L2	L3	L4	L5	L6	L7	D8
							Ca	C0a													
							L1	L1													
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	60x6	6	60	60.35	59.54	0.80	248.5	689.4	110	150	8-13.5	130	106	124	113.2	40	8	30	22	22	65
CHRC/F/P	60x10	6	60	60.57	59.22	0.86	277.8	678.4	110	150	8-13.5	130	106	124	113.2	40	8	30	22	22	65
CHRC/F/P	60x12	6	60	60.67	59.05	0.87	290.3	679.7	110	150	8-13.5	130	106	124	113.2	40	8	30	22	22	65
CHRC/F/P	60x18	6	60	60.96	58.53	0.89	315.6	669.9	110	150	8-13.5	130	106	124	113.2	40	8	30	22	22	65
CHRC/F/P	60x20	6	60	61.05	58.35	0.89	327.4	684.4	110	150	8-13.5	130	106	124	113.2	40	8	30	22	22	65
CHRC/F/P	60x30	6	60	61.43	57.38	0.88	393.2	747.8	110	150	8-13.5	130	106	124	113.2	40	8	30	22	22	65
CHRC/F/P	60x42	6	60	61.77	56.10	0.85	393.0	755.2	110	150	8-13.5	130	106	124	113.2	40	8	30	22	22	65
CHRC/F/P	60x5	5	60	60.36	59.55	0.78	321.2	922.0	122	180	8-17.5	150	140	152	125.7	45	10	40	24	24	65
CHRC/F/P	60x10	5	60	60.69	59.07	0.86	380.1	925.8	122	180	8-17.5	150	140	152	125.7	45	10	40	24	24	65
CHRC/F/P	60x15	5	60	60.99	58.56	0.88	415.0	915.9	122	180	8-17.5	150	140	152	125.7	45	10	40	24	24	65
CHRC/F/P	60x20	5	60	61.26	58.02	0.89	500.4	1057.1	122	180	8-17.5	150	140	152	125.7	45	10	40	24	24	65
CHRC/F/P	60x25	5	60	61.51	57.46	0.89	494.0	1029.9	122	180	8-17.5	150	140	152	125.7	45	10	40	24	24	65
CHRC/F/P	60x30	5	60	61.74	56.88	0.88	495.5	1034.1	122	180	8-17.5	150	140	152	125.7	45	10	40	24	24	65
CHRC/F/P	60x35	5	60	61.93	56.26	0.87	470.0	958.1	122	180	8-17.5	150	140	152	125.7	45	10	40	24	24	65
CHRC/F/P	64x6	6	64	64.35	63.54	0.79	255.5	802.2	115	180	8-17.5	150	118	129	118	45	8	40	24	24	70
CHRC/F/P	64x12	6	64	64.68	63.06	0.87	303.1	791.8	115	180	8-17.5	150	118	129	118	45	8	40	24	24	70
CHRC/F/P	64x18	6	64	64.97	62.54	0.89	332.8	781.4	115	180	8-17.5	150	118	129	118	45	8	40	24	24	70
CHRC/F/P	64x24	6	64	65.23	61.99	0.89	428.8	932.6	115	180	8-17.5	150	118	129	118	45	8	40	24	24	70
CHRC/F/P	64x30	6	64	65.46	61.41	0.89	408.9	854.6	115	180	8-17.5	150	118	129	118	45	8	40	24	24	70
CHRC/F/P	64x36	6	64	65.66	60.80	0.88	397.3	812.6	115	180	8-17.5	150	118	129	118	45	8	40	24	24	70
CHRC/F/P	70x6	6	69	69.36	68.55	0.78	321.2	1120.0	130	172	8-13.5	152	140	170	133.7	50	10	45	26	26	75
CHRC/F/P	70x12	6	69	69.68	68.06	0.86	381.9	1108.2	130	172	8-13.5	152	140	170	133.7	50	10	45	26	26	75
CHRC/F/P	70x18	6	69	69.98	67.55	0.88	420.4	1096.4	130	172	8-13.5	152	140	170	133.7	50	10	45	26	26	75
CHRC/F/P	70x24	6	69	70.25	67.01	0.89	525.1	1265.4	130	172	8-13.5	152	140	170	133.7	50	10	45	26	26	75
CHRC/F/P	70x30	6	69	70.48	66.43	0.89	518.6	1230.5	130	172	8-13.5	152	140	170	133.7	50	10	45	26	26	75
CHRC/F/P	70x36	6	69	70.70	65.84	0.88	498.8	1149.4	130	172	8-13.5	152	140	170	133.7	50	10	45	26	26	75

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程
D—标准直径
N—丝杠头数
d0—公称直径

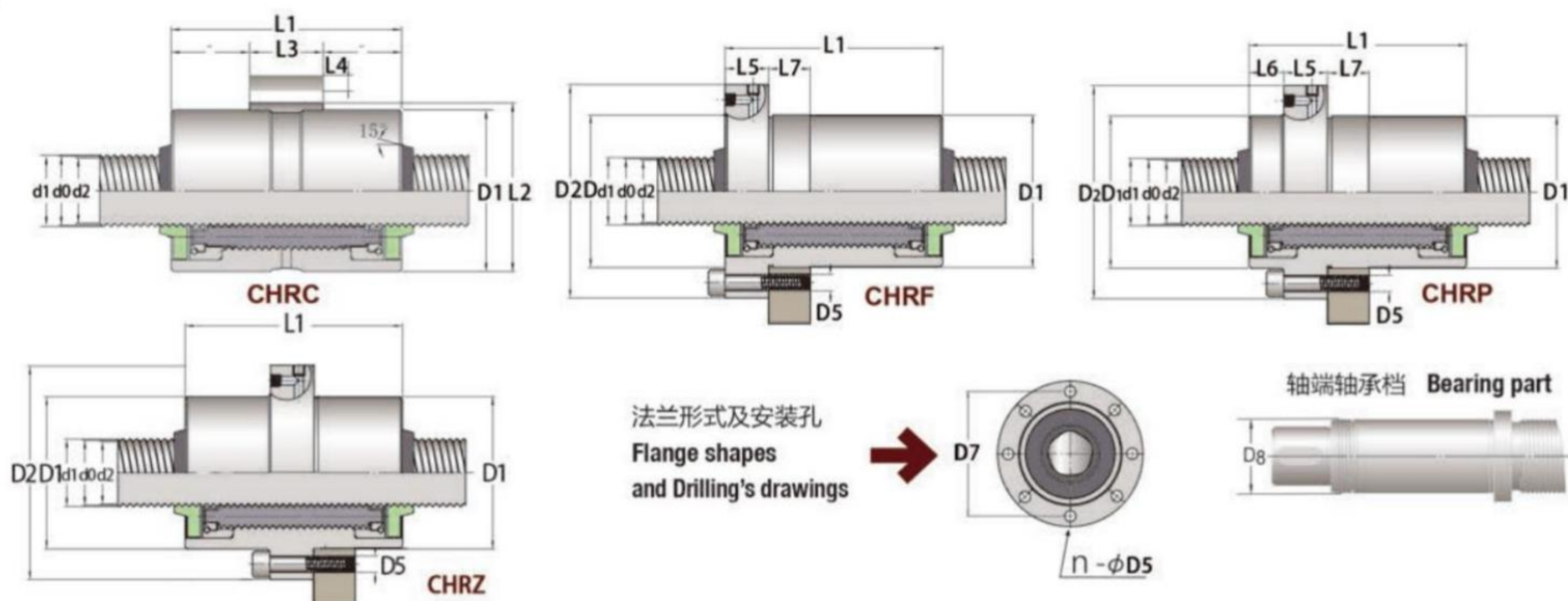
P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器 Without wiper	有刮油器 With wiper	L2	L3	L4	L5	L6	L7	D8
							Ca	C0a													
							L1	L1													
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	75x10	5	75	75.70	74.08	0.84	497.8	1452.7	150	210	8-17.5	180	175	191	153	63	10	45	28	28	80
CHRC/F/P	75x15	5	75	76.01	73.58	0.87	549.5	1440.4	150	210	8-17.5	180	175	191	153	63	10	45	28	28	80
CHRC/F/P	75x20	5	75	76.31	73.07	0.88	639.5	1666.1	150	210	8-17.5	180	175	191	153	63	10	45	28	28	80
CHRC/F/P	75x25	5	75	76.58	72.53	0.89	642.4	1651.7	150	210	8-17.5	180	175	191	153	63	10	45	28	28	80
CHRC/F/P	75x30	5	75	76.83	71.97	0.89	643.2	1637.3	150	210	8-17.5	180	175	191	153	63	10	45	28	28	80
CHRC/F/P	80x12	6	80	80.69	79.07	0.85	385.3	1040.9	138	180	8-13.5	160	130	158	141.7	50	10	35	30	30	85
CHRC/F/P	80x18	6	80	81.00	78.57	0.88	428.2	1045.8	138	180	8-13.5	160	130	158	141.7	50	10	35	30	30	85
CHRC/F/P	80x24	6	80	81.28	78.04	0.89	524.6	1225.8	138	180	8-13.5	160	130	158	141.7	50	10	35	30	30	85
CHRC/F/P	80x30	6	80	81.53	77.48	0.89	535.7	1251.7	138	180	8-13.5	160	130	158	141.7	50	10	35	30	30	85
CHRC/F/P	80x36	6	80	81.77	76.91	0.89	508.8	1148.6	138	180	8-13.5	160	130	158	141.7	50	10	35	30	30	85
CHRC/F/P	87x10	5	87	87.70	86.08	0.82	606.6	1857.3	175	235	8-17.5	200	190	215	178	63	10	45	32	32	90
CHRC/F/P	87x15	5	87	88.03	85.60	0.86	656.7	1862.8	175	235	8-17.5	200	190	215	178	63	10	45	32	32	90
CHRC/F/P	87x20	5	87	88.33	85.09	0.88	768.0	2179.5	175	235	8-17.5	200	190	215	178	63	10	45	32	32	90
CHRC/F/P	87x25	5	87	88.62	84.57	0.89	767.8	2140.3	175	235	8-17.5	200	190	215	178	63	10	45	32	32	90
CHRC/F/P	87x30	5	87	88.89	84.03	0.89	785.1	2191.9	175	235	8-17.5	200	190	215	178	63	10	45	32	32	90
CHRC/F/P	92x12	6	92	92.70	91.08	0.83	532.8	1646.7	160	220	8-17.5	190	155	179	163	63	10	45	34	34	95
CHRC/F/P	92x18	6	92	93.01	90.58	0.87	583.3	1611.2	160	220	8-17.5	190	155	179	163	63	10	45	34	34	95
CHRC/F/P	92x24	6	92	93.30	90.06	0.88	695.3	1886.2	160	220	8-17.5	190	155	179	163	63	10	45	34	34	95
CHRC/F/P	92x30	6	92	93.58	89.53	0.89	714.6	1940.4	160	220	8-17.5	190	155	179	163	63	10	45	34	34	95
CHRC/F/P	92x36	6	92	93.83	88.97	0.89	709.8	1898.9	160	220	8-17.5	190	155	179	163	63	10	45	34	34	95

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）
如果需要，可提供含润滑孔螺母

Maximum backlash of single nuts: 0.03mm (can be less on request).
If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程
D—标准直径
N—丝杠头数
d0—公称直径

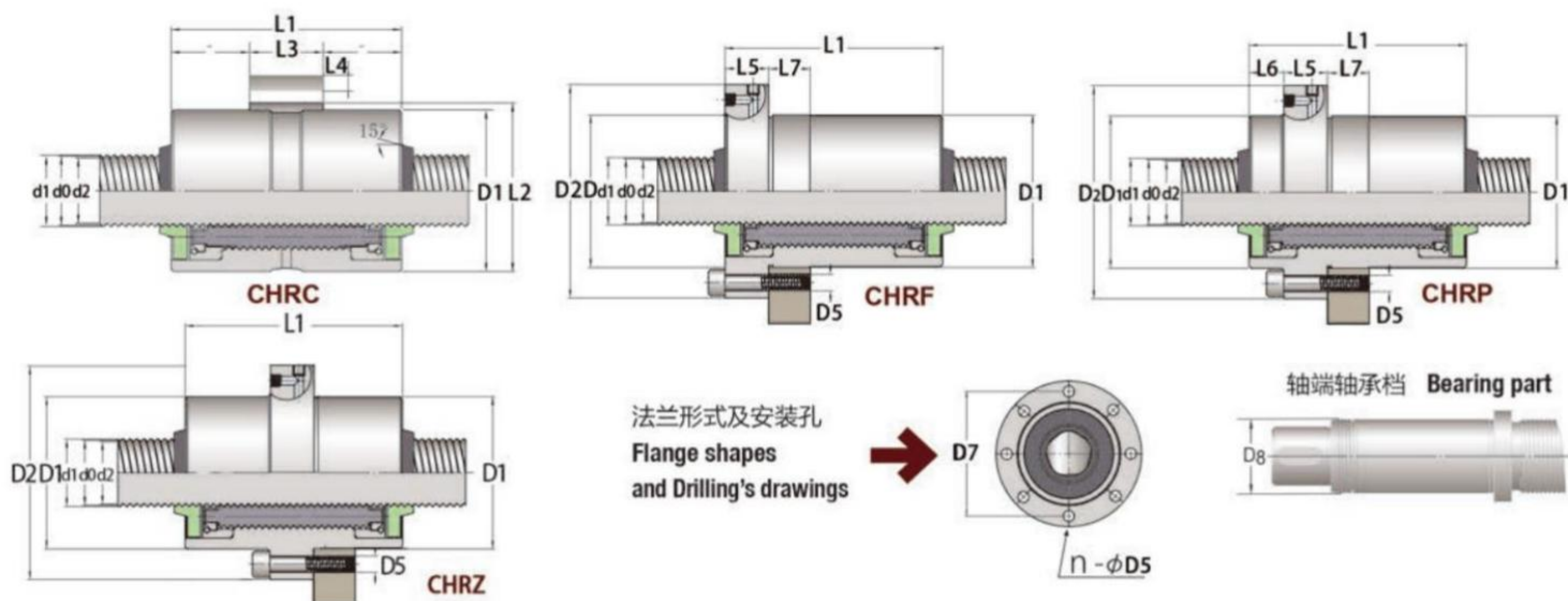
P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

CHR Series - Planetary roller screw

Type CHR - Roller screws



Type	DxP	N	d0	d1	d2	效率 η	有轴向间隙 Max axial backlash		D1	D2	n-D5	D7	无刮油器 Without wiper	有刮油器 With wiper	L2	L3	L4	L5	L6	L7	D8
							Ca	C0a					L1	L1							
			mm	mm	mm		kN	kN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CHRC/F/P	100x12	6	100	100.70	99.08	0.82	790.2	2649.7	185	260	8-17.5	225	200	220	188	63	10	50	36	36	100
CHRC/F/P	100x18	6	100	101.02	98.59	0.86	843.7	2603.3	185	260	8-17.5	225	200	220	188	63	10	50	36	36	100
CHRC/F/P	100x24	6	100	101.32	98.08	0.88	858.2	2610.2	185	260	8-17.5	225	200	220	188	63	10	50	36	36	100
CHRC/F/P	100x30	6	100	101.60	97.55	0.89	857.8	2563.9	185	260	8-17.5	225	200	220	188	63	10	50	36	36	100
CHRC/F/P	100x15	5	99	101.04	97.61	0.85	1044.9	3598.6	200	275	8-17.5	240	250	271	203	63	10	50	38	38	100
CHRC/F/P	100x20	5	99	101.35	97.11	0.87	1063.3	3605.5	200	275	8-17.5	240	250	271	203	63	10	50	38	38	10
CHRC/F/P	100x25	5	99	101.65	96.60	0.88	1077.2	3612.3	200	275	8-17.5	240	250	271	203	63	10	50	38	38	100
CHRC/F/P	100x30	5	99	101.93	96.07	0.89	1088.0	3619.1	200	275	8-17.5	240	250	271	203	63	10	50	38	38	100
CHRC/F/P	100x35	5	99	102.19	95.52	0.89	1106.7	3679.6	200	275	8-17.5	240	250	271	203	63	10	50	38	38	100
CHRC/F/P	120x18	6	120	121.03	118.60	0.85	1063.2	3667.3	220	260	8-17.5	240	230	260	223	100	10	50	40	40	105
CHRC/F/P	120x24	6	120	121.35	118.11	0.87	1082.0	3675.6	220	260	8-17.5	240	230	260	223	100	10	50	40	40	105
CHRC/F/P	120x30	6	120	121.64	117.59	0.88	1090.3	3652.0	220	260	8-17.5	240	230	260	223	100	10	50	40	40	105
CHRC/F/P	120x36	6	120	121.92	117.06	0.89	1107.2	3692.0	220	260	8-17.5	240	230	260	223	100	10	50	40	40	105
CHRC/F/P	120x15	5	120	121.05	118.62	0.83	1181.9	4248.4	240	300	8-17.5	270	280	300	243	100	10	55	42	42	105
CHRC/F/P	120x20	5	120	121.37	118.13	0.86	1214.1	4320.3	240	300	8-17.5	270	280	300	243	100	10	55	42	42	105
CHRC/F/P	120x25	5	120	121.68	117.63	0.87	1214.0	4234.2	240	300	8-17.5	270	280	300	243	100	10	55	42	42	105
CHRC/F/P	120x30	5	120	121.98	117.12	0.88	1232.5	4274.3	240	300	8-17.5	270	280	300	243	100	10	55	42	42	105
CHRC/F/P	120x35	5	120	122.26	116.59	0.89	1220.6	4157.0	240	300	8-17.5	270	280	300	243	100	10	55	42	42	105

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）
如果需要，可提供含润滑孔螺母

Maximum backlash of single nuts: 0.03mm (can be less on request).
If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程
D—标准直径
N—丝杠头数
d0—公称直径

P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

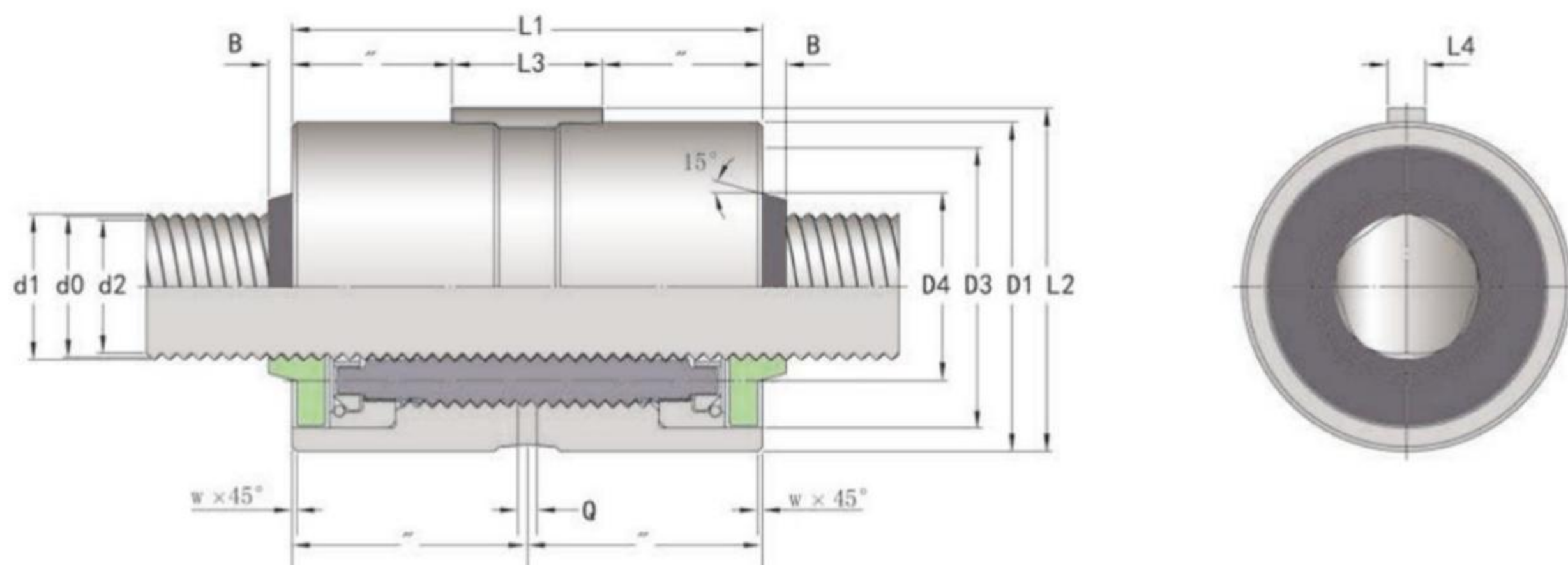
CHRZ Series - Heavy-duty Planetary Roller Screw

产品系列	丝杠直径 (D)	丝杠头数 (N)	导程(P)						
			15	20	25	30	35	40	50
CHRZ	60	5	√	√	√	√			
	75	5	√	√	√	√			
	87	5	√	√	√	√			
	99	5	√	√	√	√	√		
	112.5	5	√	√	√	√	√		
	120	5	√	√	√	√	√	√	
	135	5	√	√	√	√	√	√	√
	150	5	√	√	√	√	√	√	√
	180	5	√	√	√	√	√	√	√
	210	5		√	√	√	√	√	√
	240	5			√	√	√	√	√
CHRZP	60	5	√	√	√	√			
	75	5	√	√	√	√			
	87	5	√	√	√	√			
	99	5	√	√	√	√	√		
	112.5	5	√	√	√	√	√		
	120	5	√	√	√	√	√	√	
	135	5	√	√	√	√	√	√	√
	150	5	√	√	√	√	√	√	√
	180	5	√	√	√	√	√	√	√
	210	5		√	√	√	√	√	√
	240	5			√	√	√	√	√

CHRZ Series - Heavy-duty Planetary Roller Screw

Size	Pagination
● CHRZ 60/75/87/99/112.5/120	13
● CHRZ 135/150/180/210/240	14
● CHRZP 60/75/87/99/112.5/120	15
● CHRZP 135/150/180/210/240	16





Type	N	d0	P	d1	d2	Ca	C0a	η	D1 g6/H7	L1	W	L4	L3	L2	Q	B	D3	D4
		mm	mm	mm	mm	kN	kN		mm	mm		mm	mm	mm	mm	mm	mm	mm
CHYZ 60×15	5	60	15	61.2	58.4	494	1206	0.88	122	171	1	10	56	125	11	9	110	71
CHYZ 60×20	5	60	20	61.5	57.9	515	1181	0.89	122	171	1	10	56	125	11	9	110	71
CHYZ 60×25	5	60	25	61.9	57.3	530	1227	0.89	122	171	1	10	56	125	11	9	110	71
CHYZ 60×30	5	60	30	62.3	56.8	528	1216	0.88	122	171	1	10	56	125	11	9	110	71
CHYZ 75×15	5	75	15	76.2	73.4	836	2473	0.87	150	213	1	10	63	153	11	10	136	87
CHYZ 75×20	5	75	20	76.5	72.9	845	2455	0.88	150	213	1	10	63	153	11	10	136	87
CHYZ 75×25	5	75	25	76.9	72.3	855	2461	0.89	150	213	1	10	63	153	11	10	136	87
CHYZ 75×30	5	75	30	77.3	71.8	852	2420	0.89	150	213	1	10	63	153	11	10	136	87
CHYZ 87×15	5	87	15	88.2	85.4	1059	3527	0.86	175	245	1.5	12	100	178	12	12	158	103
CHYZ 87×20	5	87	20	88.5	84.9	1061	3452	0.88	175	245	1.5	12	100	178	12	12	158	103
CHYZ 87×25	5	87	25	88.9	84.4	1085	3513	0.89	175	245	1.5	12	100	178	12	12	158	103
CHYZ 87×30	5	87	30	89.3	83.8	1085	3465	0.89	175	245	1.5	12	100	178	12	12	158	103
CHYZ 99×15	5	99	15	100.2	97.4	1277	4671	0.85	200	280	1.5	16	100	204	15	12	180	112
CHYZ 99×20	5	99	20	100.5	96.9	1311	4741	0.87	200	280	1.5	16	100	204	15	12	180	112
CHYZ 99×25	5	99	25	100.9	96.4	1328	4749	0.88	200	280	1.5	16	100	204	15	12	180	112
CHYZ 99×30	5	99	30	101.3	95.9	1330	4694	0.89	200	280	1.5	16	100	204	15	12	180	112
CHYZ 99×35	5	99	35	101.7	95.3	1329	4639	0.89	200	280	1.5	16	100	204	15	12	180	112
CHYZ 112.5×15	5	112.5	15	113.7	110.9	1396	5288	0.84	230	300	1.5	16	100	234	15	12	210	140
CHYZ 112.5×20	5	112.5	20	114	110.4	1421	5297	0.86	230	300	1.5	16	100	234	15	12	210	140
CHYZ 112.5×25	5	112.5	25	114.4	109.9	1446	5341	0.88	230	300	1.5	16	100	234	15	12	210	140
CHYZ 112.5×30	5	112.5	30	114.8	109.4	1455	5315	0.88	230	300	1.5	16	100	234	15	12	210	140
CHYZ 112.5×35	5	112.5	35	115.2	108.9	1461	5289	0.89	230	300	1.5	16	100	234	15	12	210	140
CHYZ 120×15	5	120	15	121.2	118.4	1547	6179	0.83	240	330	1.5	16	100	244	15	12	220	180
CHYZ 120×20	5	120	20	121.5	117.9	1587	6263	0.86	240	330	1.5	16	100	244	15	12	220	180
CHYZ 120×25	5	120	25	121.9	117.4	1585	6123	0.87	240	330	1.5	16	100	244	15	12	220	180
CHYZ 120×30	5	120	30	122.3	116.9	1614	6207	0.88	240	330	1.5	16	100	244	15	12	220	180
CHYZ 120×35	5	120	35	122.7	116.4	1640	6291	0.89	240	330	1.5	16	100	244	15	12	220	180
CHYZ 120×40	5	120	40	123	115.8	1651	6301	0.89	240	330	1.5	16	100	244	15	12	220	180

单螺母的最大轴向间隙: 0.03 (可提供更小的轴向间隙)

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要, 可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程
D—标准直径
N—丝杠头数
d0—公称直径

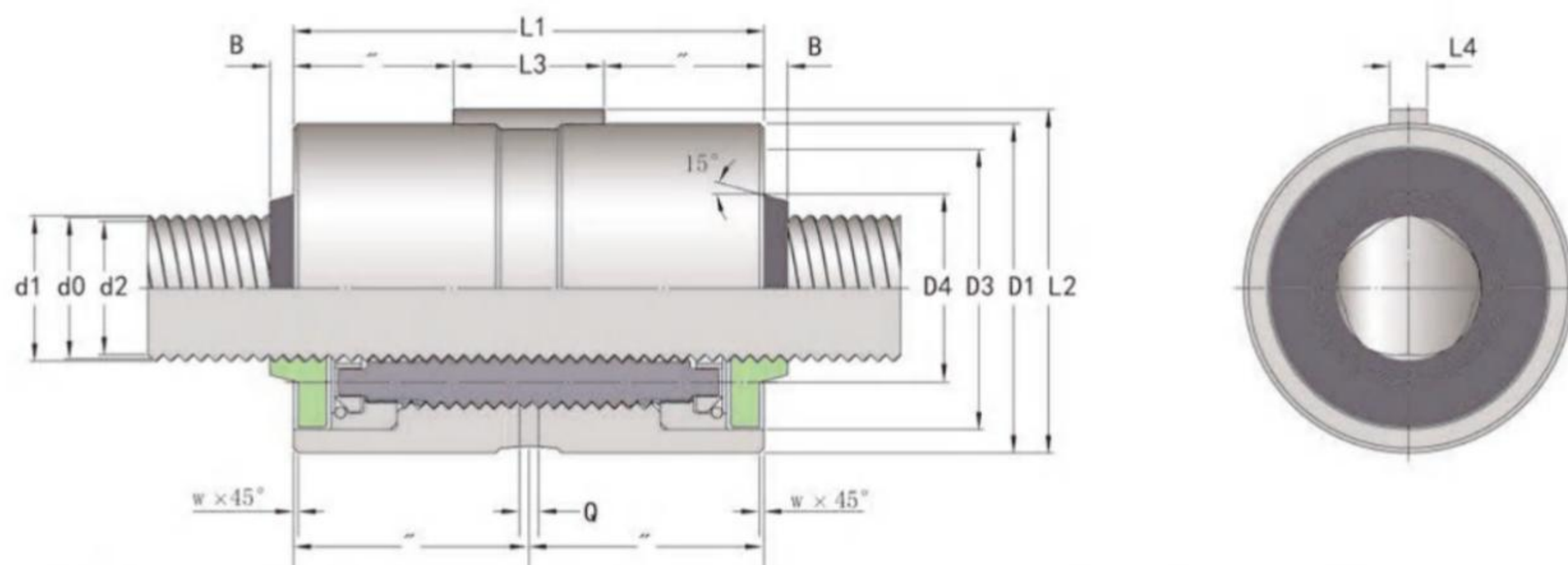
P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

CHRZ Series - Heavy-duty Planetary Roller Screw Type CHRZ - Roller screws

CHRZ Series



Type	N	d0	P	d1	d2	Ca	C0a	η	D1 g6/H7	L1	W	L4	L3	L2	Q	B	D3	D4
		mm	mm	mm	mm	kN	kN		mm	mm		mm	mm	mm	mm	mm	mm	mm
CHRZ 135×15	5	135	15	136.1	133.5	1843	8037	0.82	280	370	2	28	120	286	15	11.5	250	180
CHRZ 135×20	5	135	20	136.5	133.0	1858	7922	0.85	280	370	2	28	120	286	15	11.5	250	180
CHRZ 135×25	5	135	25	136.9	132.5	1903	8059	0.86	280	370	2	28	120	286	15	11.5	250	180
CHRZ 135×30	5	135	30	137.3	132.0	1904	7943	0.88	280	370	2	28	120	286	15	11.5	250	180
CHRZ 135×35	5	135	35	137.6	131.5	1921	7953	0.88	280	370	2	28	120	286	15	11.5	250	180
CHRZ 135×40	5	135	40	138.0	131.0	1909	7796	0.89	280	370	2	28	120	286	15	11.5	250	180
CHRZ 135×50	5	135	50	138.8	130.0	1944	7901	0.89	280	370	2	28	120	286	15	11.5	250	180
CHRZ 150x15	5	150	15	151.1	148.5	2200	10446	0.80	320	412	3	32	160	327	15	12.5	280	230
CHRZ 150x20	5	150	20	151.5	148.0	2240	10459	0.84	320	412	3	32	160	327	15	12.5	280	230
CHRZ 150x25	5	150	25	151.9	147.5	2137	9553	0.86	320	412	3	32	160	327	15	12.5	280	230
CHRZ 150x30	5	150	30	152.3	147.0	2167	9611	0.87	320	412	3	32	160	327	15	12.5	280	230
CHRZ 150x35	5	150	35	152.6	146.5	2167	9483	0.88	320	412	3	32	160	327	15	12.5	280	230
CHRZ 150x40	5	150	40	153.0	146.0	2176	9449	0.88	320	412	3	32	160	327	15	12.5	280	230
CHRZ 150x50	5	150	50	153.8	145.0	2189	9379	0.89	320	412	3	32	160	327	15	12.5	280	230
CHRZ 180x15	55	180	15	181.1	178.5	3073	17366	0.78	390	528	3	32	160	397	20	15	340	250
CHRZ 180x20	5	180	20	181.5	178.0	3123	17319	0.82	390	528	3	32	160	397	20	15	340	250
CHRZ 180x25	5	180	25	181.9	177.5	3002	16004	0.84	390	528	3	32	160	397	20	15	340	250
CHRZ 180x30	5	180	30	182.3	177.0	3009	15790	0.86	390	528	3	32	160	397	20	15	340	250
CHRZ 180x35	5	180	35	182.6	176.5	3023	15690	0.87	390	528	3	32	160	397	20	15	340	250
CHRZ 180x40	5	180	40	183.0	176.0	3075	15931	0.88	390	528	3	32	160	397	20	15	340	250
CHRZ 180x50	5	180	50	183.8	175.0	3128	16073	0.89	390	528	3	32	160	397	20	15	340	250
CHRZ 210x20	5	210	20	211.5	208.0	3371	19164	0.80	440	570	3	40	200	450	20	15	398	250
CHRZ 210x25	5	210	25	211.9	207.5	3435	19324	0.82	440	570	3	40	200	450	20	15	398	250
CHRZ 210x30	5	210	30	212.3	207.0	3249	17472	0.84	440	570	3	40	200	450	20	15	398	250
CHRZ 210x35	5	210	35	212.6	206.5	3265	17359	0.86	440	570	3	40	200	450	20	15	398	250
CHRZ 210x40	5	210	40	213.0	206.0	3322	17635	0.87	440	570	3	40	200	450	20	15	398	250
CHRZ 210x50	5	210	50	213.8	205.0	3381	17798	0.88	440	570	3	40	200	450	20	15	398	250
CHRZ 240x25	5	240	25	241.9	237.5	3919	23387	0.81	490	600	3	50	200	501	20	15	448	290
CHRZ 240x30	5	240	30	242.3	237.0	3931	23 089	0.83	490	600	3	50	200	501	20	15	448	290
CHRZ 240x35	5	240	35	242.6	236.5	3994	23350	0.84	490	600	3	50	200	501	20	15	448	290
CHRZ 240x40	5	240	40	243.0	236.0	3808	21497	0.86	490	600	3	50	200	501	20	15	448	290
CHRZ 240x50	5	240	50	243.8	235.0	3860	21536	0.87	490	600	3	50	200	501	20	15	448	290

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释：

Terms used in tables

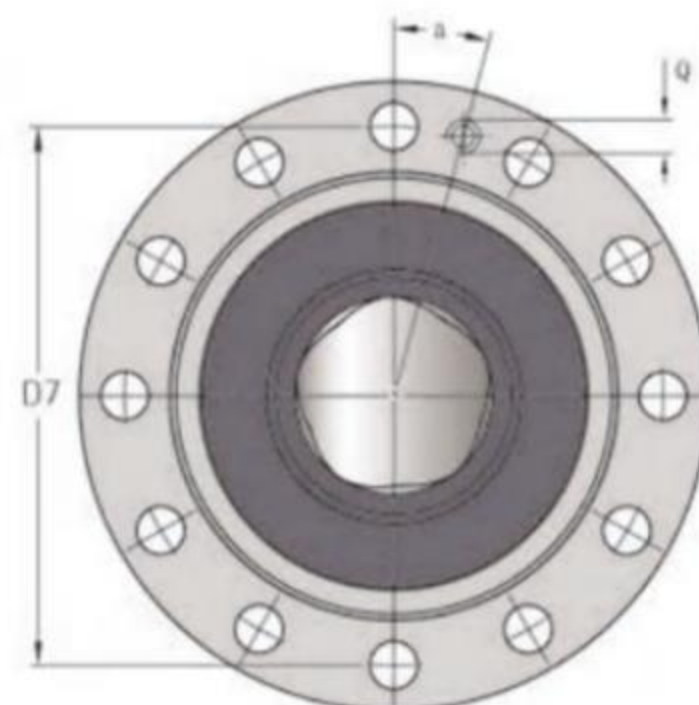
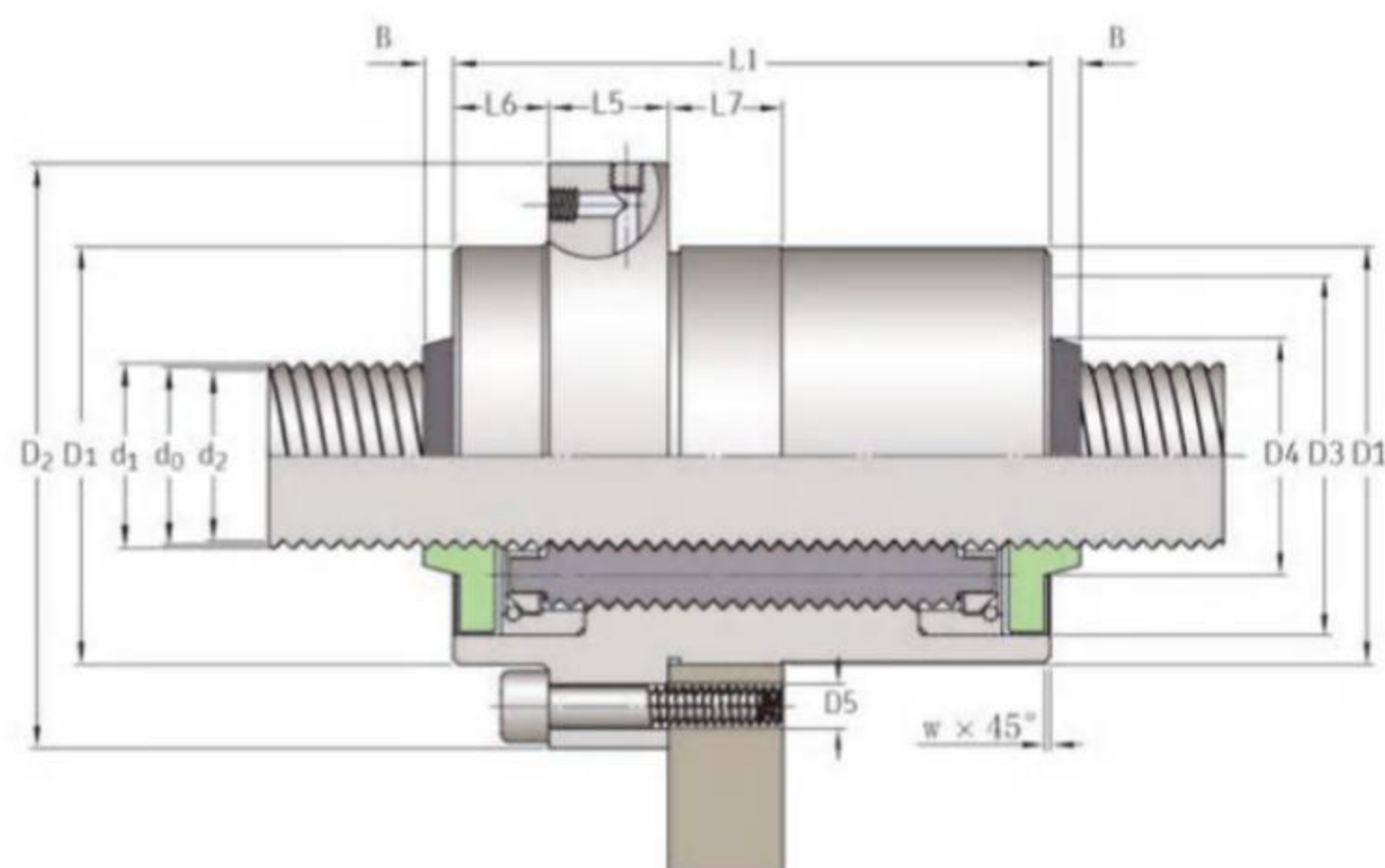
P—导程
D—标准直径
N—丝杠头数
d0—公称直径

P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

CHRZP Series - Heavy-duty Planetary Roller Screw Type CHRZP - Roller screws



Type	N	d0	P	d1	d2	Ca	C0a	η	D1 g6/H7	L1 h12	L6 CHRP	L6 CHYZ	L7	L5	D2	D7 js12	D5	W	Q	B	D3	D4	a
		mm	mm	mm	mm	kN	kN		mm	mm	mm	mm	mm	mm	mm	mm					mm	mm	°
CHRZP 60×15	5	60	15	61.2	58.4	495	1206	0.88	122	171	25	70.5	40	30	166	146	8×M12	1	M8×1	9	110	71	22.5
CHRZP 60×20	5	60	20	61.5	57.9	515	1181	0.89	122	171	25	70.5	40	30	166	146	8×M12	1	M8×1	9	110	71	22.5
CHRZP 60×25	5	60	25	61.9	57.3	530	1227	0.89	122	171	25	70.5	40	30	166	146	8×M12	1	M8×1	9	110	71	22.5
CHRZP 60×30	5	60	30	62.3	56.8	528	1216	0.88	122	171	25	70.5	40	30	166	146	8×M12	1	M8×1	9	110	71	22.5
CHRZP 75×15	5	75	15	76.1	73.5	836	2473	0.87	150	213	30	89	40	35	195	174	12×M12	1	M8×1	10	136	87	15
CHRZP 75×20	5	75	20	76.4	71	845	2455	0.88	150	213	30	89	40	35	195	174	12×M12	1	M8×1	10	136	87	15
CHRZP 75×25	5	75	25	76.7	70	855	2461	0.89	150	213	30	89	40	35	195	174	12×M12	1	M8×1	10	136	87	15
CHRZP 75×30	5	75	30	76.9	68.9	852	2420	0.89	150	213	30	89	40	35	195	174	12×M12	1	M8×1	10	136	87	15
CHRZP 87×15	5	87	15	88.1	85.5	1059	3527	0.86	175	245	35	102.5	40	40	220	200	12×M12	1.5	M8×1	12	158	103	15
CHRZP 87×20	5	87	20	88.4	83	1061	3452	0.88	175	245	35	102.5	40	40	220	200	12×M12	1.5	M8×1	12	158	103	15
CHRZP 87×25	5	87	25	88.7	82	1085	3513	0.89	175	245	35	102.5	40	40	220	200	12×M12	1.5	M8×1	12	158	103	15
CHRZP 87×30	5	87	30	89	81	1085	3465	0.89	175	245	35	102.5	40	40	220	200	12×M12	1.5	M8×1	12	158	103	15
CHRZP 99×15	5	99	15	100.1	97.5	1277	4671	0.85	200	280	40	115	40	50	245	224	12×M12	1.5	M8×1	12	180	112	15
CHRZP 99×20	5	99	20	100.4	95	1311	4741	0.87	200	280	40	115	40	50	245	224	12×M12	1.5	M8×1	12	180	112	15
CHRZP 99×25	5	99	25	100.7	94	1328	4749	0.88	200	280	40	115	40	50	245	224	12×M12	1.5	M8×1	12	180	112	15
CHRZP 99×30	5	99	30	101	93	1330	4694	0.89	200	280	40	115	40	50	245	224	12×M12	1.5	M8×1	12	180	112	15
CHRZP 99×35	5	99	35	101.3	91.9	1329	4639	0.89	200	280	40	115	40	50	245	224	12×M12	1.5	M8×1	12	180	112	15
CHRZP 112.5×15	5	112.5	15	113.6	111.1	1396	5288	0.84	230	300	50	125	40	50	286	260	12×M16	1.5	M12×1.75	12	210	140	15
CHRZP 112.5×20	5	112.5	20	113.9	108.6	1421	5297	0.86	230	300	50	125	40	50	286	260	12×M16	1.5	M12×1.75	12	210	140	15
CHRZP 112.5×25	5	112.5	25	114.2	107.5	1446	5341	0.88	230	300	50	125	40	50	286	260	12×M16	1.5	M12×1.75	12	210	140	15
CHRZP 112.5×30	5	112.5	30	114.5	106.5	1455	5315	0.88	230	300	50	125	40	50	286	260	12×M16	1.5	M12×1.75	12	210	140	15
CHRZP 112.5×35	5	112.5	35	114.8	105.5	1461	5289	0.89	230	300	50	125	40	50	286	260	12×M16	1.5	M12×1.75	12	210	140	15
CHRZP 120×15	5	120	15	121.1	118.6	1547	6179	0.83	240	330	50	137.5	60	55	296	270	12×M16	1.5	M12×1.75	12	220	180	15
CHRZP 120×20	5	120	20	121.4	116.1	1587	6263	0.86	240	330	50	137.5	60	55	296	270	12×M16	1.5	M12×1.75	12	220	180	15
CHRZP 120×25	5	120	25	121.8	115.1	1585	6123	0.87	240	330	50	137.5	60	55	296	270	12×M16	1.5	M12×1.75	12	220	180	15
CHRZP 120×30	5	120	30	122.1	114	1614	6207	0.88	240	330	50	137.5	60	55	296	270	12×M16	1.5	M12×1.75	12	220	180	15
CHRZP 120×35	5	120	35	122.3	113	1640	6291	0.89	240	330	50	137.5	60	55	296	270	12×M16	1.5	M12×1.75	12	220	180	15
CHRZP 120×40	5	120	40	122.6	112	1651	6301	0.89	240	330	50	137.5	60	55	296	270	12×M16	1.5	M12×1.75	12	220	180	15

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

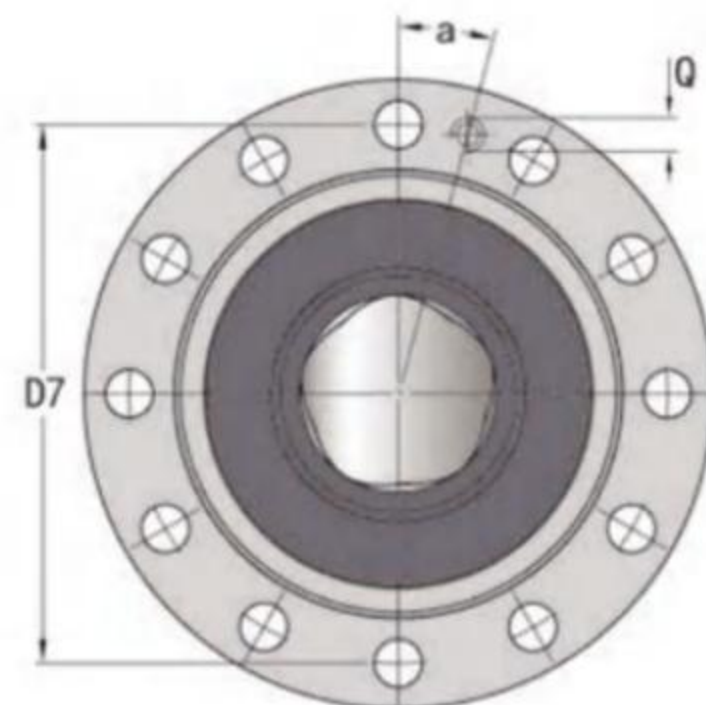
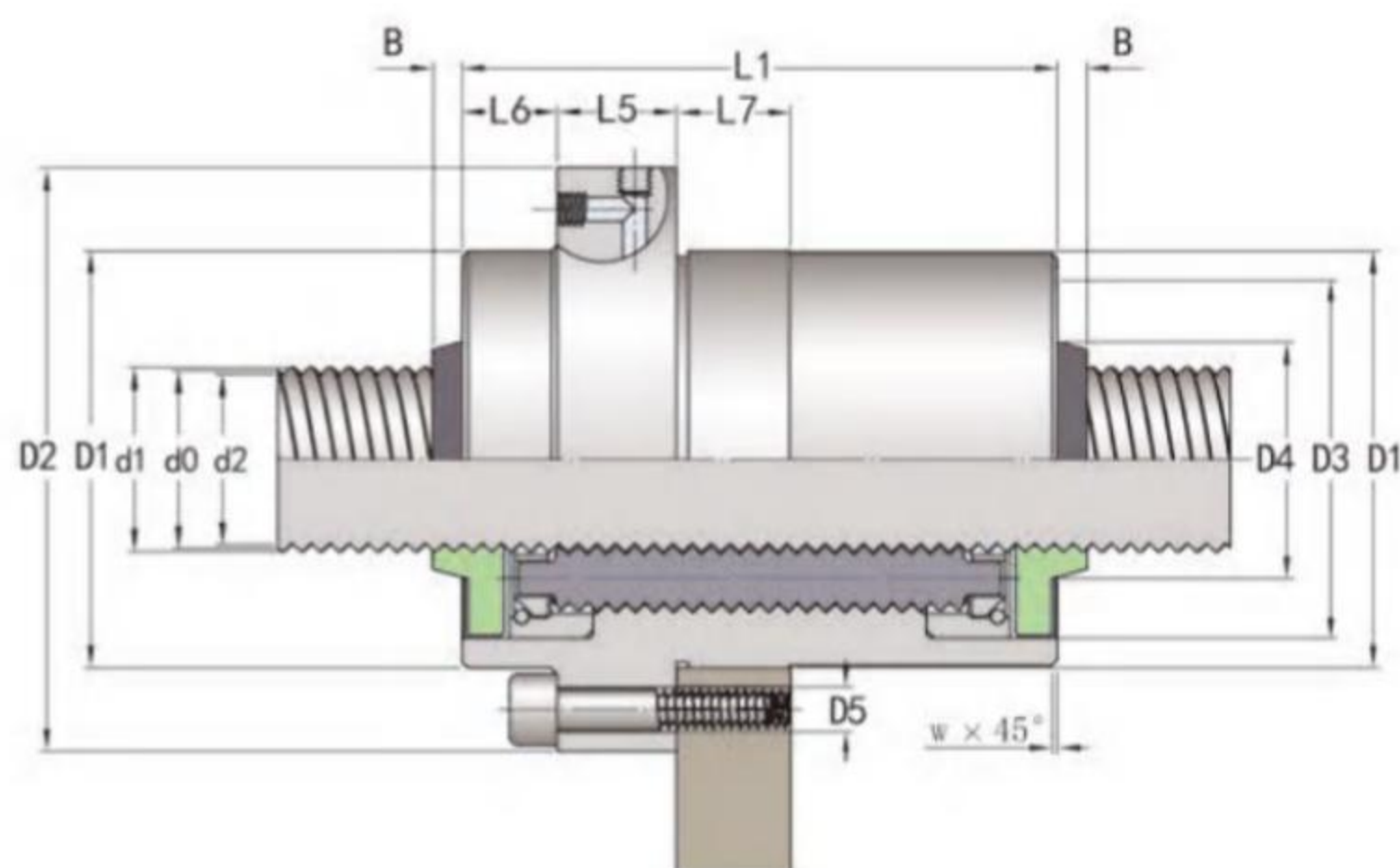
P—导程
D—标准直径
N—丝杠头数
d0—公称直径

P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
C—额定运载
Co—额定静载

d1 External diameter
d2 Thread bottom diameter
C Dynamic load capacity
Co Static load capacity

CHRZP Series - Heavy-duty Planetary Roller Screw Type CHRZP - Roller screws



CHRZP Series

Type	N	d0	P	d1	d2	Ca	C0a	η	D1 g6/H7	L1 h12	L6 CHRP	L6 CHRZ	L7	L5	D2	D7 js12	D5	W	Q	B	D3	D4	a
		mm	mm	mm	mm	kN	kN		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
CHRZP 135×15	5	135	15	136.1	133.5	1843	8037	0.82	280	370	60	155	80	60	345	315	12xM18	2	M12x1.75	11.5	250	180	15
CHRZP 135×20	5	135	20	136.5	133.0	1858	7922	0.85	280	370	60	155	80	60	345	315	12xM18	2	M12x1.75	11.5	250	180	15
CHRZP 135×25	5	135	25	136.9	132.5	1903	8059	0.86	280	370	60	155	80	60	345	315	12xM18	2	M12x1.75	11.5	250	180	15
CHRZP 135×30	5	135	30	137.3	132.0	1904	7943	0.88	280	370	60	155	80	60	345	315	12xM18	2	M12x1.75	11.5	250	180	15
CHRZP 135×35	5	135	35	137.6	131.5	1921	7953	0.88	280	370	60	155	80	60	345	315	12xM18	2	M12x1.75	11.5	250	180	15
CHRZP 135×40	5	135	40	138.0	131.0	1909	7796	0.89	280	370	60	155	80	60	345	315	12xM18	2	M12x1.75	11.5	250	180	15
CHRZP 135×50	5	135	50	138.8	130.0	1944	7901	0.89	280	370	60	155	80	60	345	315	12xM18	2	M12x1.75	11.5	250	180	15
CHRZP 150x15	5	150	15	151.1	148.5	2200	10446	0.80	320	412	65	171	80	70	385	355	12xM18	3	M12x1.75	12.5	280	230	15
CHRZP 150x20	5	150	20	151.5	148.0	2240	10459	0.84	320	412	65	171	80	70	385	355	12xM18	3	M12x1.75	12.5	280	230	15
CHRZP 150x25	5	150	25	151.9	147.5	2137	9553	0.86	320	412	65	171	80	70	385	355	12xM18	3	M12x1.75	12.5	280	230	15
CHRZP 150x30	5	150	30	152.3	147.0	2167	9611	0.87	320	412	65	171	80	70	385	355	12xM18	3	M12x1.75	12.5	280	230	15
CHRZP 150x35	5	150	35	152.6	146.5	2167	9483	0.88	320	412	65	171	80	70	385	355	12xM18	3	M12x1.75	12.5	280	230	15
CHRZP 150x40	5	150	40	153.0	146.0	2176	9449	0.88	320	412	65	171	80	70	385	355	12xM18	3	M12x1.75	12.5	280	230	15
CHRZP 150x50	5	150	50	153.8	145.0	2189	9379	0.89	320	412	65	171	80	70	385	355	12xM18	3	M12x1.75	12.5	280	230	15
CHRZP 180x15	5	180	15	181.1	178.5	3073	17366	0.78	390	528	96	219	100	90	470	433	12xM22	3	M12x1.75	15	340	250	15
CHRZP 180x20	5	180	20	181.5	178.0	3123	17319	0.82	390	528	96	219	100	90	470	433	12xM22	3	M12x1.75	15	340	250	15
CHRZP 180x25	5	180	25	181.9	177.5	3002	16004	0.84	390	528	96	219	100	90	470	433	12xM22	3	M12x1.75	15	340	250	15
CHRZP 180x30	5	180	30	182.3	177.0	3009	15790	0.86	390	528	96	219	100	90	470	433	12xM22	3	M12x1.75	15	340	250	15
CHRZP 180x35	5	180	35	182.6	176.5	3023	15690	0.87	390	528	96	219	100	90	470	433	12xM22	3	M12x1.75	15	340	250	15
CHRZP 180x40	5	180	40	183.0	176.0	3075	15931	0.88	390	528	96	219	100	90	470	433	12xM22	3	M12x1.75	15	340	250	15
CHRZP 180x50	5	180	50	183.8	175.0	3128	16073	0.89	390	528	96	219	100	90	470	433	12xM22	3	M12x1.75	15	340	250	15
CHRZP 210x20	5	210	20	211.5	208.0	3371	19164	0.80	440	570	100	235	100	100	530	490	12x M24	3	M12x1.75	15	398	250	15
CHRZP 210x25	5	210	25	211.9	207.5	3435	19324	0.82	440	570	100	235	100	100	530	490	12xM24	3	M12x1.75	15	398	250	15
CHRZP 210x30	5	210	30	212.3	207.0	3249	17472	0.84	440	570	100	235	100	100	530	490	12xM24	3	M12x1.75	15	398	250	15
CHRZP 210x35	5	210	35	212.6	206.5	3265	17359	0.86	440	570	100	235	100	100	530	490	12xM24	3	M12x1.75	15	398	250	15
CHRZP 210x40	5	210	40	213.0	206.0	3322	17635	0.87	440	570	100	235	100	100	530	490	12xM24	3	M12x1.75	15	398	250	15
CHRZP 210x50	5	210	50	213.8	205.0	3381	17798	0.88	440	570	100	235	100	100	530	490	12xM24	3	M12x 1.75	15	398	250	15
CHRZP 240x25	5	240	25	241.9	237.5	3919	23387	0.81	490	600	100	250	100	100	580	540	16xM24	3	M12x1.75	15	448	290	11.25
CHRZP 240x30	5	240	30	242.3	237.0	3931	23089	0.83	490	600	100	250	100	100	580	540	16xM24	3	M12x1.75	15	448	290	11.25
CHRZP 240x35	5	240	35	242.6	236.5	3994	23350	0.84	490	600	100	250	100	100	580	540	16xM24	3	M12x1.75	15	448	290	11.25
CHRZP 240x40	5	240	40	243.0	236.0	3808	21497	0.86	490	600	100	250	100	100	580	540	16xM24	3	M12x1.75	15	448	290	11.25
CHRZP 240x50	5	240	50	243.8	235.0	3860	21536	0.87	490	600	100	250	100	100	580	540	16xM24	3	M12x1.75	15	448	290	11.25

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释：

Terms used in tables

P—导程
D—标准直径
N—丝杠头数
d0—公称直径

P Lead
D Reference diameter
N Number of starts
d0 Nominal diameter

d1—丝杠外径
d2—丝杠根径
Ca—额定运载
C0a—额定静载

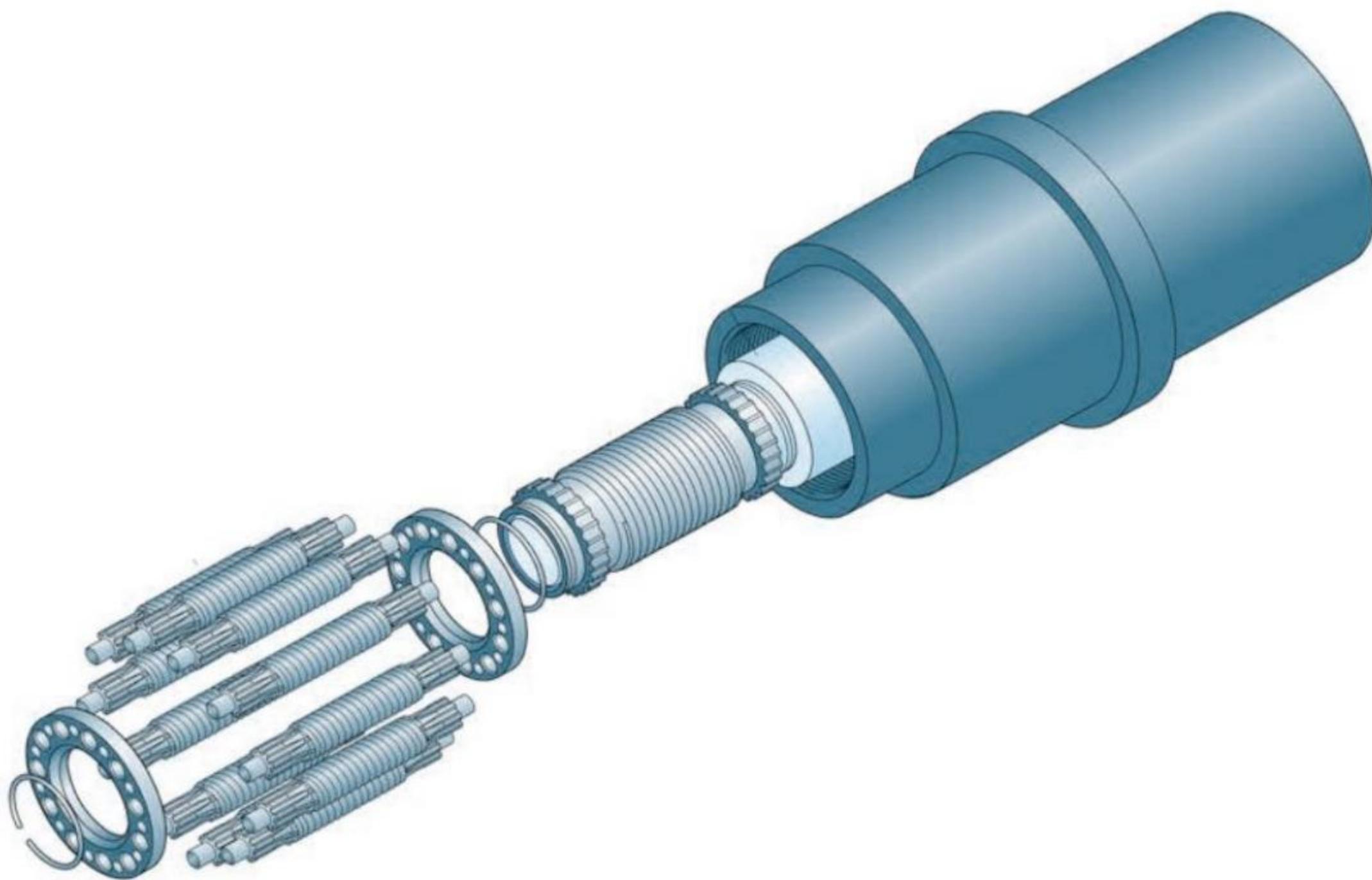
d1 External diameter
d2 Thread bottom diameter
Ca Dynamic load capacity
C0a Static load capacity

CHRI Series - Reversing Planetary Roller Screw

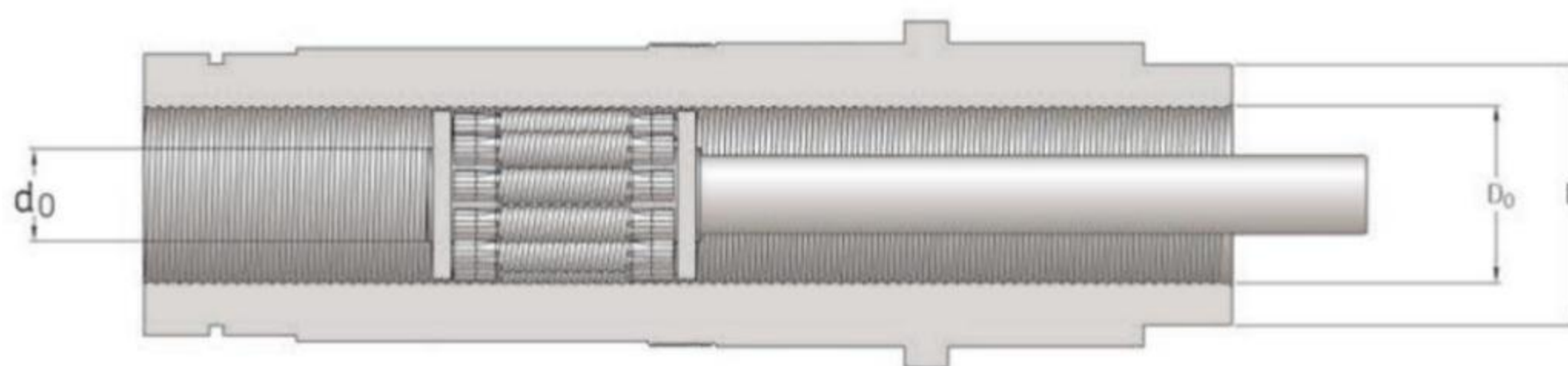
丝杠直径 (D)	丝杠头数 (N)	导程(P)																																			
		0.35	0.8	1	1.5	2	3	4	4.5	5	5.4	6	6.5	7	7.5	8	9	10	12	14	15	16	18	20	22	24	26	28	29	30	35	36	40	42	45	46	50
3	1	✓	✓		✓																																
6	2			✓		✓	✓	✓																													
7	2			✓		✓	✓	✓	✓																												
8	2			✓		✓	✓	✓	✓	✓																											
10.5	3					✓	✓		✓		✓	✓																									
12	3			✓		✓	✓		✓	✓		✓	✓	✓	✓	✓																					
13.5	3			✓		✓	✓		✓	✓		✓	✓	✓	✓	✓	✓																				
15	3			✓		✓	✓		✓	✓		✓	✓	✓	✓	✓		✓																			
18	3			✓		✓	✓		✓	✓		✓	✓	✓	✓	✓		✓	✓																		
21	3					✓	✓	✓	✓			✓	✓	✓	✓	✓		✓	✓	✓																	
24	3					✓	✓	✓		✓		✓				✓		✓	✓	✓		✓															
27	3					✓	✓	✓		✓		✓				✓		✓	✓	✓		✓	✓														
28	3					✓	✓	✓		✓		✓				✓		✓	✓	✓		✓	✓														
30	3					✓	✓	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓													
36	4					✓	✓	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓											
39	3						✓	✓		✓		✓		✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓									
44	4						✓	✓		✓		✓		✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓							
48	3						✓	✓		✓		✓		✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓						
51	3						✓	✓		✓		✓		✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓						
56	4							✓		✓		✓		✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓			✓			
60	4							✓		✓		✓		✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓			
64	4							✓		✓		✓		✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓		✓		✓		
70	5										✓					✓		✓	✓	✓	✓	✓	✓		✓	✓				✓		✓	✓			✓	
75	5										✓					✓		✓	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓		✓		✓		✓
80	4										✓					✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓		✓		✓

CHRI Series - Reversing Planetary Roller Screw

Size	Pagination
● CHRI 2.5/6/7/8/10.5/12	19
● CHRI 13.5/15/18	20
● CHRI 21/24/27	21
● CHRI 28/30/36	22
● CHRI 39/44	23
● CHRI 48/51	24
● CHRI 56/60	25
● CHRI 64/70	26
● CHRI 75/80	27



CHRI Series - Reversing Planetary Roller Screw Type CHRI -Inverted Roller screws



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 3x0.35	1	0.35	3	3.1	7.1	0.88	0.86	9	12
CHRI 3x0.8	1	0.8	3	3.1	7.1	0.88	0.86	9	12
CHRI 3x1.5	1	1.5	3	3.1	7.1	0.88	0.86	9	12
CHRI 6x1	2	1.0	6	6.2	11.8	0.87	0.85	12	15
CHRI 6x2	2	2.0	6	6.2	11.8	0.87	0.85	12	15
CHRI 6x3	2	3.0	6	6.2	11.8	0.87	0.85	12	15
CHRI 6x4	2	4.0	6	6.2	11.8	0.87	0.85	12	15
CHRI 7x1	2	1.0	7	8.1	16.5	0.87	0.85	14	17
CHRI 7x2	2	2.0	7	8.1	16.5	0.87	0.85	14	17
CHRI 7x3	2	3.0	7	8.1	16.5	0.87	0.85	14	17
CHRI 7x4	2	4.0	7	8.1	16.5	0.87	0.85	14	17
CHRI 7x4.5	2	4.5	7	8.1	16.5	0.87	0.85	14	17
CHRI 8x1	2	1.0	11	11	18.5	0.87	0.85	16	19
CHRI 8x2	2	2.0	11	11	18.5	0.87	0.85	16	19
CHRI 8x3	2	3.0	11	11	18.5	0.87	0.85	16	19
CHRI 8x4	2	4.0	11	11	18.5	0.87	0.85	16	19
CHRI 8x4.5	2	4.5	11	11	18.5	0.87	0.85	16	19
CHRI 8x5	2	5.0	11	11	18.5	0.87	0.85	16	19
CHRI 10.5x2	3	2.0	13	13.5	24	0.87	0.85	17.5	24
CHRI 10.5x3	3	3.0	13	13.5	24	0.87	0.85	17.5	24
CHRI 10.5x4.5	3	4.5	13	13.5	24	0.87	0.85	17.5	24
CHRI 10.5x5.4	3	5.4	13	13.5	24	0.87	0.85	17.5	24
CHRI 10.5x6	3	6.0	13	13.5	24	0.87	0.85	17.5	24
CHRI 12x1	3	1.0	12	15	33	0.78	0.71	20	26
CHRI 12x2	3	2.0	12	15	33	0.86	0.83	20	26
CHRI 12x3	3	3.0	12	20	42	0.86	0.83	20	26
CHRI 12x4.5	3	4.5	12	20	42	0.86	0.83	20	26
CHRI 12x5	3	5.0	12	20	42	0.86	0.83	20	26
CHRI 12x6	3	6.0	12	20	42	0.86	0.83	20	26
CHRI 12x6.5	3	6.5	12	20	42	0.86	0.83	20	26
CHRI 12x7	3	7.0	12	20	42	0.86	0.83	20	26
CHRI 12x7.5	3	7.5	12	20	42	0.86	0.83	20	26
CHRI 12x8	3	8.0	12	20	42	0.86	0.83	20	26

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

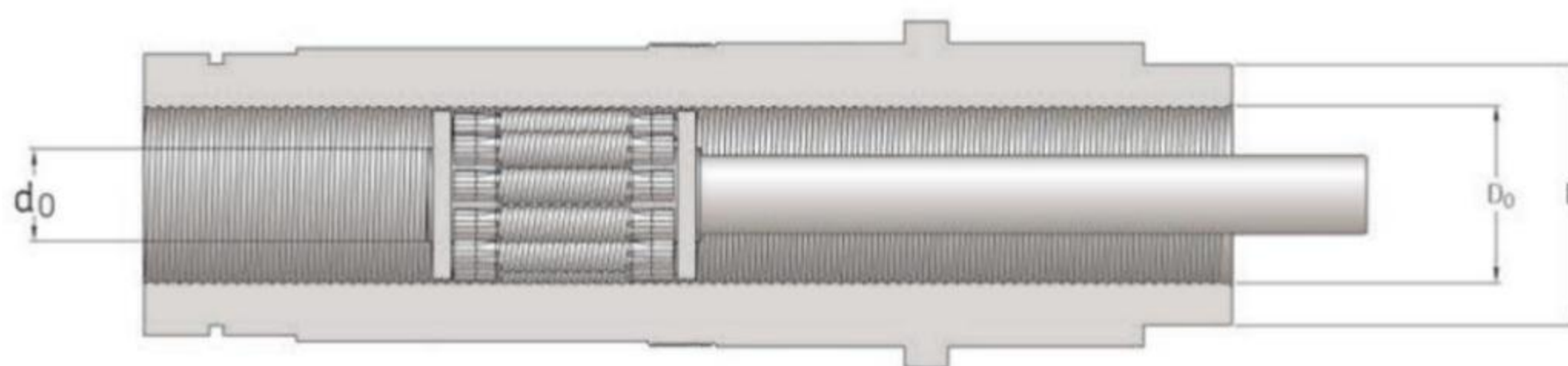
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRI Series - Reversing Planetary Roller Screw Type CHRI -Inverted Roller screws



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 13.5x1	3	1.0	13.5	16.1	31.5	0.76	0.68	22.5	30
CHRI 13.5x2	3	2.0	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x3	3	3.0	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x4.5	3	4.5	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x6	3	6.0	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x6.5	3	6.5	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x7	3	7.0	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x7.5	3	7.5	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x8	3	8.0	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 13.5x9	3	9.0	13.5	17.9	32.0	0.85	0.82	22.5	30
CHRI 15x1	3	1.0	15	23.7	56.0	0.74	0.65	25	32
CHRI 15x2	3	2.0	15	27.7	55.2	0.84	0.80	25	32
CHRI 15x3	3	3.0	15	29.1	51.5	0.87	0.85	25	32
CHRI 15x4.5	3	4.5	15	29.1	51.5	0.87	0.85	25	32
CHRI 15x6	3	6.0	15	29.1	51.5	0.87	0.85	25	32
CHRI 15x6.5	3	6.5	15	29.1	51.5	0.87	0.85	25	32
CHRI 15x7	3	7.0	15	29.1	51.5	0.87	0.85	25	32
CHRI 15x7.5	3	7.5	15	29.1	51.5	0.87	0.85	25	32
CHRI 15x8	3	8.0	15	29.1	51.5	0.87	0.85	25	32
CHRI 15x10	3	10.0	15	29.1	51.5	0.87	0.85	25	32
CHRI 18x1	3	1.0	18	30.6	76.8	0.71	0.58	30	38
CHRI 18x2	3	2.0	18	36.2	77.2	0.82	0.77	30	38
CHRI 18x3	3	3.0	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x4.5	3	4.5	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x6	3	6.0	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x6.5	3	6.5	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x7	3	7.0	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x7.5	3	7.5	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x8	3	8.0	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x10	3	10.0	18	39.1	74.9	0.86	0.83	30	38
CHRI 18x12	3	12.0	18	39.1	74.9	0.86	0.83	30	38

CHRI Series

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

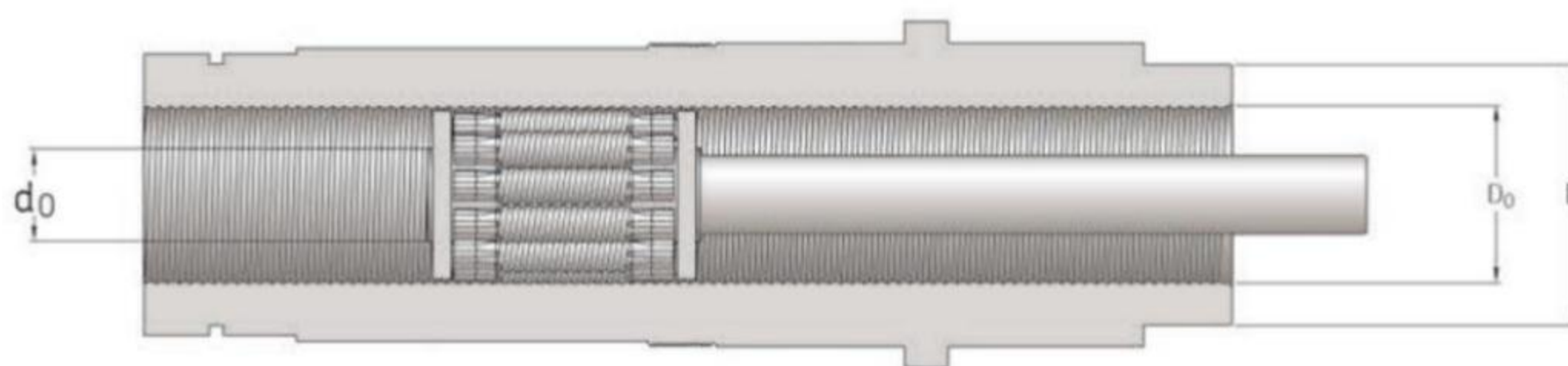
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRI Series - Reversing Planetary Roller Screw Type CHRI -Inverted Roller screws



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 21x2	3	2.0	21	54.5	106.0	0.80	0.74	35	45
CHRI 21x3	3	3.0	21	59.6	104.8	0.84	0.81	35	45
CHRI 21x4	3	4.0	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x4.5	3	4.5	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x6	3	6.0	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x6.5	3	6.5	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x7	3	7.0	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x7.5	3	7.5	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x8	3	8.0	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x10	3	10.0	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x12	3	12.0	21	63.3	103.7	0.87	0.85	35	45
CHRI 21x14	3	14.0	21	63.3	103.7	0.87	0.85	35	45
CHRI 24x2	3	2.0	24	73.8	161.0	0.78	0.71	40	50
CHRI 24x3	3	3.0	24	81.4	161.5	0.83	0.79	40	50
CHRI 24x4	3	4.0	24	87.3	162.0	0.86	0.83	40	50
CHRI 24x5	3	5.0	24	92.1	162.5	0.87	0.85	40	50
CHRI 24x6	3	6.0	24	92.1	162.5	0.87	0.85	40	50
CHRI 24x8	3	8.0	24	92.1	162.5	0.87	0.85	40	50
CHRI 24x10	3	10.0	24	92.1	162.5	0.87	0.85	40	50
CHRI 24x12	3	12.0	24	92.1	162.5	0.87	0.85	40	50
CHRI 24x14	3	14.0	24	92.1	162.5	0.87	0.85	40	50
CHRI 24x16	3	16.0	24	92.1	162.5	0.87	0.85	40	50
CHRI 27x2	3	2.0	27	81.2	177.2	0.76	0.68	45	55
CHRI 27x3	3	3.0	27	90.3	179.7	0.82	0.77	45	55
CHRI 27x4	3	4.0	27	94.8	174.3	0.85	0.82	45	55
CHRI 27x5	3	5.0	27	100.0	174.8	0.86	0.84	45	55
CHRI 27x6	3	6.0	27	100.0	174.8	0.86	0.84	45	55
CHRI 27x8	3	8.0	27	100.0	174.8	0.86	0.84	45	55
CHRI 27x10	3	10.0	27	100.0	174.8	0.86	0.84	45	55
CHRI 27x12	3	12.0	27	100.0	174.8	0.86	0.84	45	55
CHRI 27x14	3	14.0	27	100.0	174.8	0.86	0.84	45	55
CHRI 27x16	3	16.0	27	100.0	174.8	0.86	0.84	45	55
CHRI 27x18	3	18.0	27	100.0	174.8	0.86	0.84	45	55

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

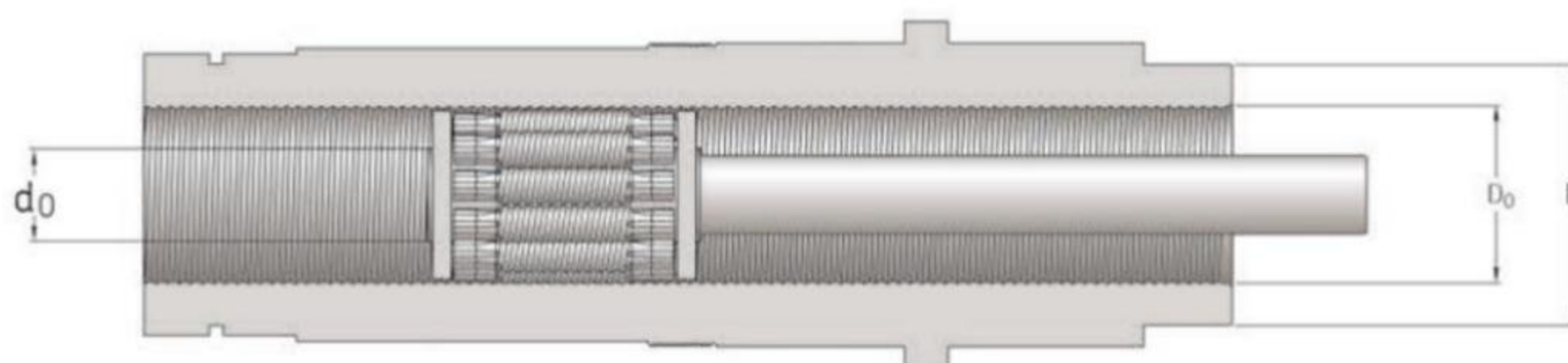
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRI Series - Reversing Planetary Roller Screw Type CHRI -Inverted Roller screws



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 28x2	3	2.0	28	61.4	140.0	0.75	0.67	42	52
CHRI 28x3	3	3.0	28	67.8	140.5	0.81	0.77	42	52
CHRI 28x4	3	4.0	28	71.7	137.8	0.84	0.81	42	52
CHRI 28x5	3	5.0	28	72.5	129.8	0.86	0.84	42	52
CHRI 28x6	3	6.0	28	76.3	131.6	0.87	0.86	42	52
CHRI 28x8	3	8.0	28	76.3	131.6	0.87	0.86	42	52
CHRI 28x10	3	10.0	28	76.3	131.6	0.87	0.86	42	52
CHRI 28x12	3	12.0	28	76.3	131.6	0.87	0.86	42	52
CHRI 28x14	3	14.0	28	76.3	131.6	0.87	0.86	42	52
CHRI 28x16	3	16.0	28	76.3	131.6	0.87	0.86	42	52
CHRI 28x18	3	18.0	28	76.3	131.6	0.87	0.86	42	52
CHRI 30x2	3	2.0	30	97.2	224.1	0.74	0.65	50	60
CHRI 30x3	3	3.0	30	107.3	224.7	0.80	0.75	50	60
CHRI 30x4	3	4.0	30	113.6	220.8	0.84	0.80	50	60
CHRI 30x5	3	5.0	30	119.2	219.2	0.86	0.83	50	60
CHRI 30x6	3	6.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 30x8	3	8.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 30x10	3	10.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 30x12	3	12.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 30x14	3	14.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 30x16	3	16.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 30x18	3	18.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 30x20	3	20.0	30	126.9	226.5	0.87	0.85	50	60
CHRI 36x2	4	2.0	36	86.9	215.4	0.71	0.58	54	64
CHRI 36x3	4	3.0	36	95.4	214.0	0.78	0.71	54	64
CHRI 36x4	4	4.0	36	101.8	212.6	0.82	0.77	54	64
CHRI 36x5	4	5.0	36	106.2	209.2	0.84	0.81	54	64
CHRI 36x6	4	6.0	36	111.0	209.8	0.86	0.83	54	64
CHRI 36x7	4	7.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x8	4	8.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x10	4	10.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x12	4	12.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x14	4	14.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x16	4	16.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x18	4	18.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x20	4	20.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x22	4	22.0	36	117.8	218.1	0.87	0.85	54	64
CHRI 36x24	4	24.0	36	117.8	218.1	0.87	0.85	54	64

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

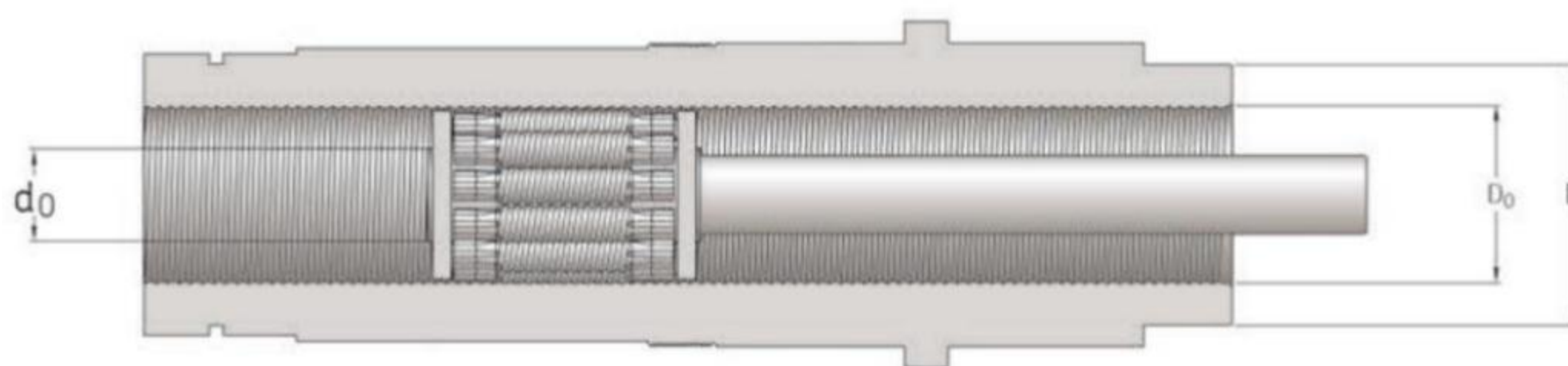
C0a—额定静载

d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 39x3	3	3.0	39	159.5	372.0	0.76	0.69	65	75
CHRI 39x4	3	4.0	39	170.3	369.9	0.81	0.76	65	75
CHRI 39x5	3	5.0	39	178.9	367.8	0.83	0.80	65	75
CHRI 39x6	3	6.0	39	186.1	365.7	0.85	0.82	65	75
CHRI 39x7	3	7.0	39	194.1	369.4	0.86	0.84	65	75
CHRI 39x8	3	8.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x10	3	10.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x12	3	12.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x14	3	14.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x16	3	16.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x18	3	18.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x20	3	20.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x22	3	22.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x24	3	24.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 39x26	3	26.0	39	201.4	373.1	0.87	0.85	65	75
CHRI 44x3	4	3.0	44	135.1	338.4	0.74	0.65	66	76
CHRI 44x4	4	4.0	44	145.6	341.5	0.79	0.73	66	76
CHRI 44x5	4	5.0	44	153.1	339.8	0.82	0.78	66	76
CHRI 44x6	4	6.0	44	157.9	333.2	0.84	0.81	66	76
CHRI 44x7	4	7.0	44	166.8	343.6	0.85	0.83	66	76
CHRI 44x8	4	8.0	44	169.2	334.6	0.86	0.84	66	76
CHRI 44x9	4	9.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x10	4	10.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x12	4	12.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x14	4	14.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x16	4	16.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x18	4	18.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x20	4	20.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x22	4	22.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x24	4	24.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x26	4	26.0	44	171.8	328.0	0.87	0.85	66	76
CHRI 44x29	4	29.0	44	171.8	328.0	0.87	0.85	66	76

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释：

Terms used in tables

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d0—公称直径

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Ca—额定运载

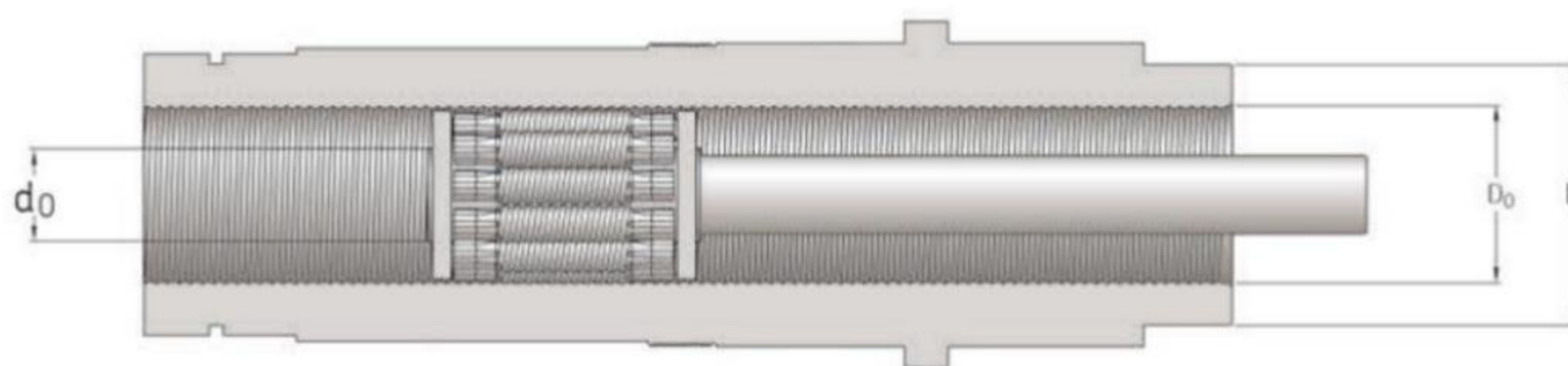
C0a—额定静载

d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 48x3	3	3.0	48	218.7	556.2	0.73	0.63	80	90
CHRI 48x4	3	4.0	48	234.6	557.2	0.78	0.71	80	90
CHRI 48x5	3	5.0	48	246.8	554.6	0.81	0.76	80	90
CHRI 48x6	3	6.0	48	259.0	559.1	0.83	0.79	80	90
CHRI 48x7	3	7.0	48	262.4	538.7	0.84	0.82	80	90
CHRI 48x8	3	8.0	48	277.7	561.1	0.86	0.83	80	90
CHRI 48x9	3	9.0	48	285.7	562.1	0.87	0.84	80	90
CHRI 48x10	3	10.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x12	3	12.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x14	3	14.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x16	3	16.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x18	3	18.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x20	3	20.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x22	3	22.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x24	3	24.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x26	3	26.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x28	3	28.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 48x30	3	30.0	48	286.0	541.7	0.87	0.85	80	90
CHRI 51x3	3	3.0	51	263.1	725.9	0.72	0.60	85	99
CHRI 51x4	3	4.0	51	279.5	715.2	0.77	0.70	85	99
CHRI 51x5	3	5.0	51	298.1	727.9	0.80	0.75	85	99
CHRI 51x6	3	6.0	51	308.5	717.3	0.82	0.78	85	99
CHRI 51x7	3	7.0	51	320.2	718.3	0.84	0.81	85	99
CHRI 51x8	3	8.0	51	326.2	703.9	0.85	0.83	85	99
CHRI 51x9	3	9.0	51	340.3	720.4	0.86	0.84	85	99
CHRI 51x10	3	10.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x12	3	12.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x14	3	14.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x16	3	16.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x18	3	18.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x20	3	20.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x22	3	22.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x24	3	24.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x26	3	26.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x28	3	28.0	51	346.6	713.7	0.87	0.85	85	99
CHRI 51x30	3	30.0	51	346.6	713.7	0.87	0.85	85	99

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释：

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d0—公称直径

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D Reference diameter

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d2—丝杠根径

Ca—额定运载

C0a—额定静载

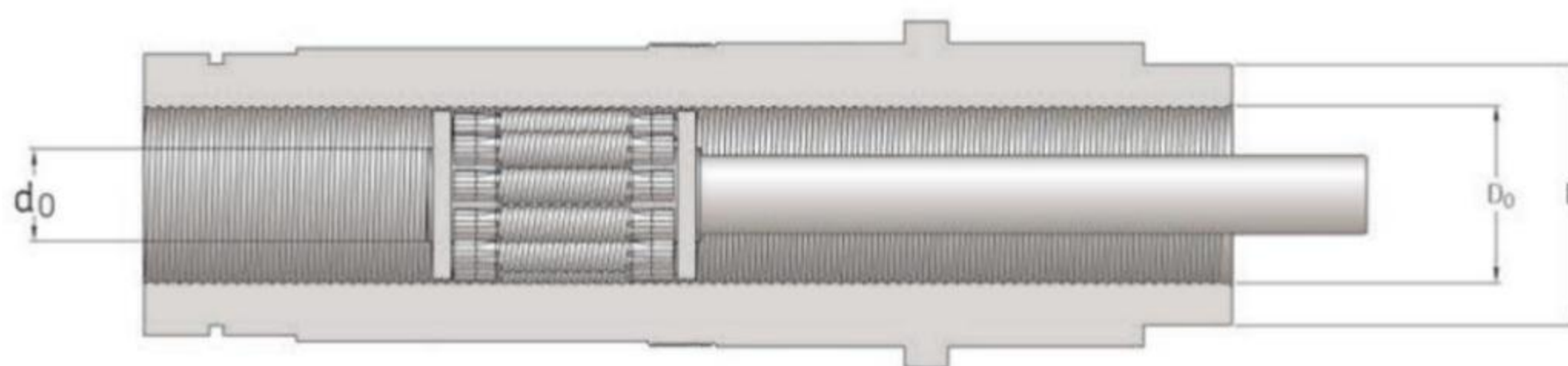
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRI Series - Reversing Planetary Roller Screw Type CHRI -Inverted Roller screws



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 56x4	4	4.0	56	219.6	584.9	0.75	0.67	84	98
CHRI 56x5	4	5.0	56	231.9	585.8	0.79	0.73	84	98
CHRI 56x6	4	6.0	56	240.8	580.4	0.81	0.77	84	98
CHRI 56x7	4	7.0	56	250.8	584.4	0.83	0.79	84	98
CHRI 56x8	4	8.0	56	256.5	575.9	0.84	0.81	84	98
CHRI 56x9	4	9.0	56	260.4	564.4	0.85	0.83	84	98
CHRI 56x10	4	10.0	56	274.4	590.0	0.86	0.84	84	98
CHRI 56x12	4	12.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x14	4	14.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x16	4	16.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x18	4	18.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x20	4	20.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x22	4	22.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x24	4	24.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x26	4	26.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x28	4	28.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x30	4	30.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 56x36	4	36.0	56	279.0	566.9	0.87	0.86	84	98
CHRI 60x4	4	4.0	60	248.6	689.4	0.74	0.65	90	108
CHRI 60x5	4	5.0	60	259.3	676.9	0.78	0.71	90	108
CHRI 60x6	4	6.0	60	272.7	684.5	0.80	0.75	90	108
CHRI 60x7	4	7.0	60	281.4	678.7	0.82	0.78	90	108
CHRI 60x8	4	8.0	60	290.7	679.7	0.84	0.80	90	108
CHRI 60x9	4	9.0	60	298.2	677.2	0.85	0.82	90	108
CHRI 60x10	4	10.0	60	306.9	681.5	0.86	0.83	90	108
CHRI 60x12	4	12.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x16	4	16.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x18	4	18.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x22	4	22.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x24	4	24.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x26	4	26.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x30	4	30.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x36	4	36.0	60	316.7	669.9	0.87	0.85	90	108
CHRI 60x40	4	40.0	60	316.7	669.9	0.87	0.85	90	108

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

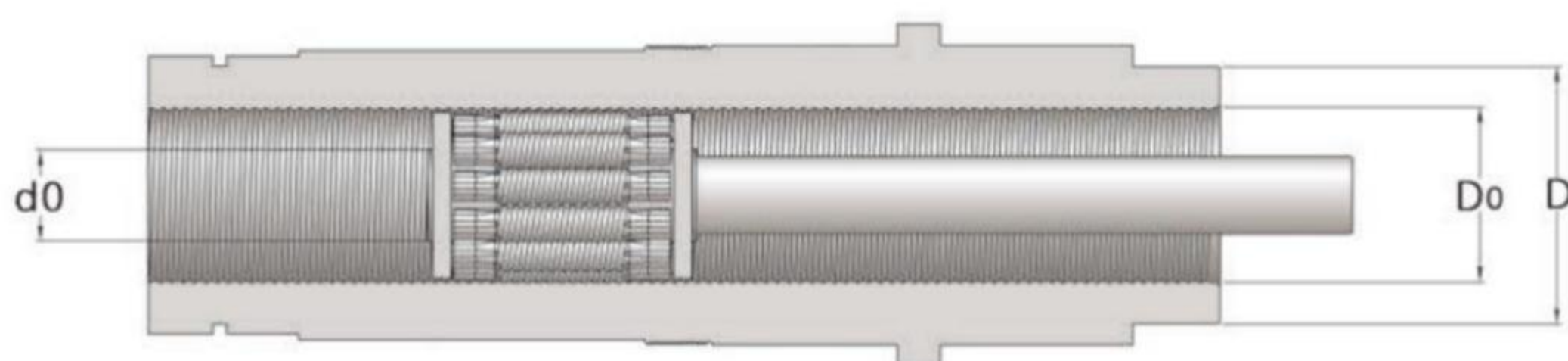
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRI Series - Reversing Planetary Roller Screw Type CHRI -Inverted Roller screws



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 64x4	4	4.0	64	278.7	802.2	0.73	0.63	96	114
CHRI 64x5	4	5.0	64	291.9	792.4	0.77	0.69	96	114
CHRI 64x6	4	6.0	64	306.0	797.0	0.79	0.74	96	114
CHRI 64x7	4	7.0	64	319.5	805.1	0.81	0.77	96	114
CHRI 64x8	4	8.0	64	326.4	791.8	0.83	0.79	96	114
CHRI 64x9	4	9.0	64	337.8	799.9	0.84	0.81	96	114
CHRI 64x10	4	10.0	64	340.6	779.5	0.85	0.83	96	114
CHRI 64x12	4	12.0	64	355.9	781.4	0.87	0.84	96	114
CHRI 64x14	4	14.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x16	4	16.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x18	4	18.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x22	4	22.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x24	4	24.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x26	4	26.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x30	4	30.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x36	4	36.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 64x42	4	42.0	64	377.8	811.8	0.88	0.86	96	114
CHRI 70x6	5	6.0	70	260.3	722.7	0.78	0.72	98	120
CHRI 70x8	5	8.0	70	276.2	712.1	0.82	0.78	98	120
CHRI 70x10	5	10.0	70	291.6	713.8	0.84	0.81	98	120
CHRI 70x12	5	12.0	70	308.0	727.8	0.86	0.84	98	120
CHRI 70x14	5	14.0	70	317.9	723.3	0.87	0.85	98	120
CHRI 70x15	5	15.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x18	5	18.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x22	5	22.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x24	5	24.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x26	5	26.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x30	5	30.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x36	5	36.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x40	5	40.0	70	317.2	702.6	0.87	0.86	98	120
CHRI 70x46	5	46.0	70	317.2	702.6	0.87	0.86	98	120

CHRI Series

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

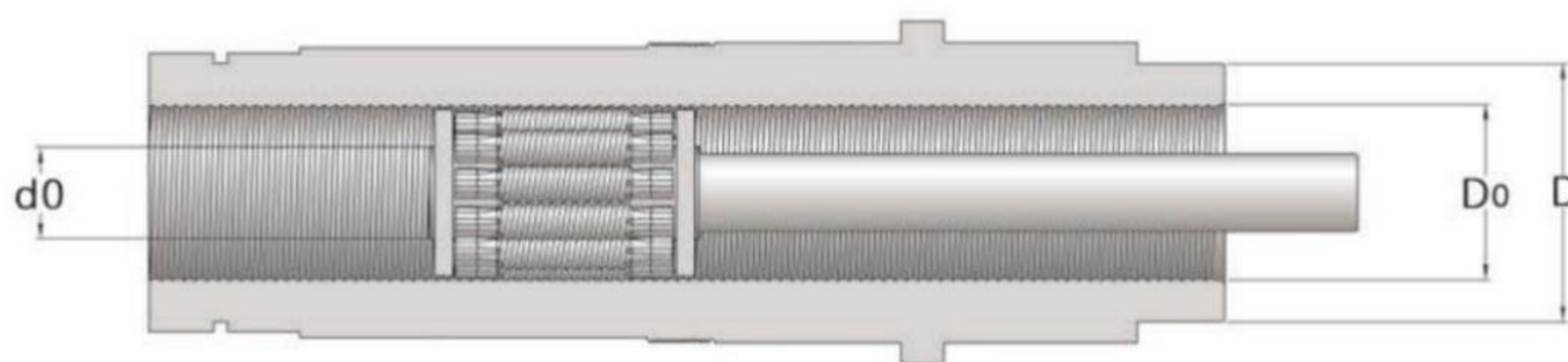
C0a—额定静载

d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity



Type	N	P	d0	Ca	C0a	η	η'	D0	D
		mm	mm	kN	kN			mm	mm
CHRI 75x6	5	6.0	75	294.7	851.9	0.77	0.70	105	127
CHRI 75x8	5	8.0	75	314.6	847.1	0.81	0.77	105	127
CHRI 75x10	5	10.0	75	330.5	842.3	0.84	0.80	105	127
CHRI 75x12	5	12.0	75	343.7	837.5	0.85	0.83	105	127
CHRI 75x14	5	14.0	75	358.5	845.9	0.87	0.84	105	127
CHRI 75x15	5	15.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x20	5	20.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x22	5	22.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x24	5	24.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x26	5	26.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x30	5	30.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x35	5	35.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x40	5	40.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x45	5	45.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 75x50	5	50.0	75	360.0	830.3	0.87	0.85	105	127
CHRI 80x6	4	6.0	80	387.4	1038.4	0.76	0.68	120	142
CHRI 80x8	4	8.0	80	415.6	1040.9	0.80	0.75	120	142
CHRI 80x10	4	10.0	80	443.2	1060.8	0.83	0.79	120	142
CHRI 80x12	4	12.0	80	458.6	1045.8	0.85	0.82	120	142
CHRI 80x14	4	14.0	80	476.0	1048.3	0.86	0.84	120	142
CHRI 80x16	4	16.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x20	4	20.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x22	4	22.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x24	4	24.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x26	4	26.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x30	4	30.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x35	4	35.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x40	4	40.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x45	4	45.0	80	559.4	1225.8	0.87	0.85	120	142
CHRI 80x50	4	50.0	80	559.4	1225.8	0.87	0.85	120	142

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

如果需要，可提供含润滑孔螺母

Maximum backlash of single nuts: 0.03mm (can be less on request).

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

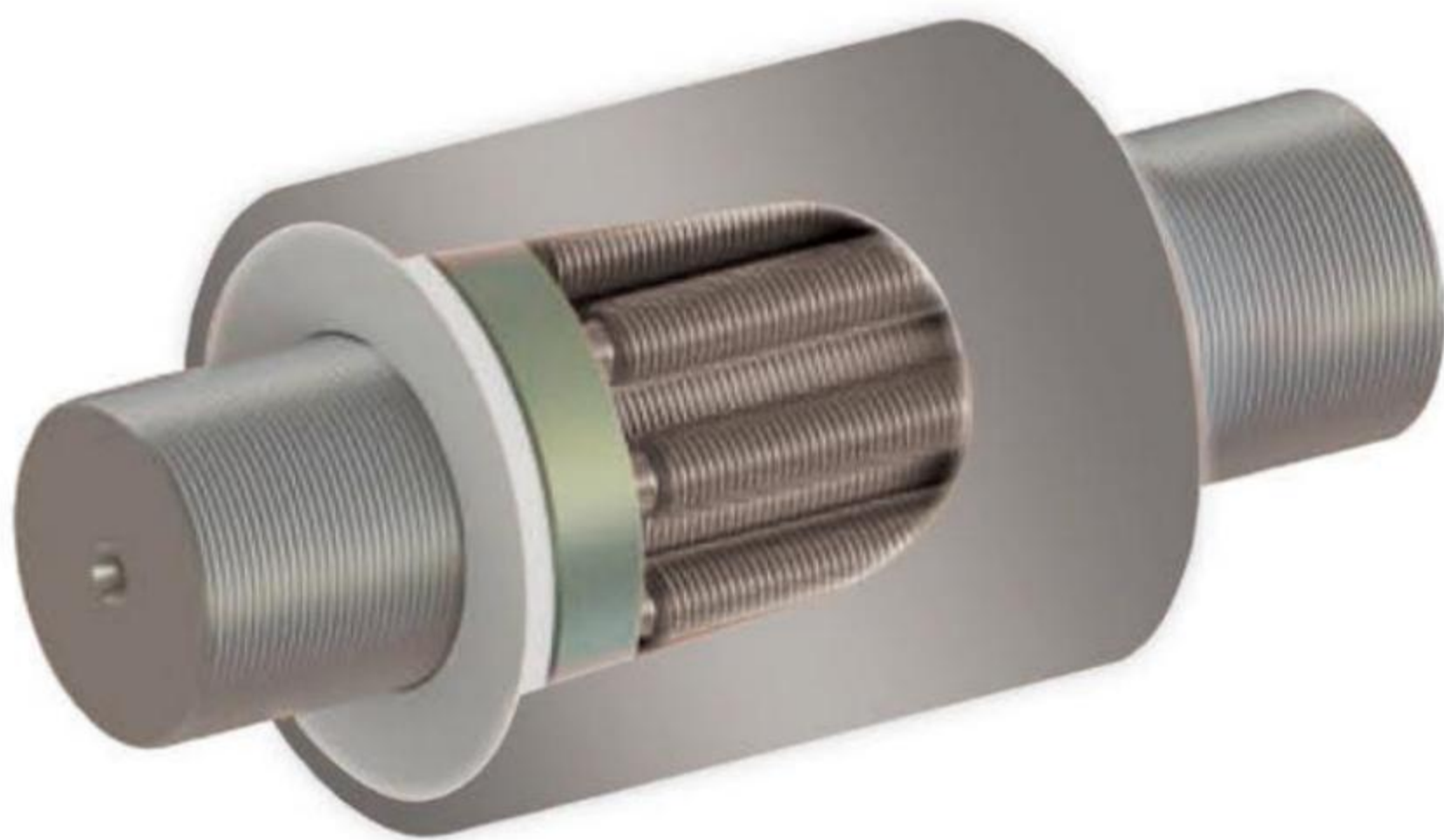
C0a Static load capacity

CHRD Series - Planetary Roller Screw

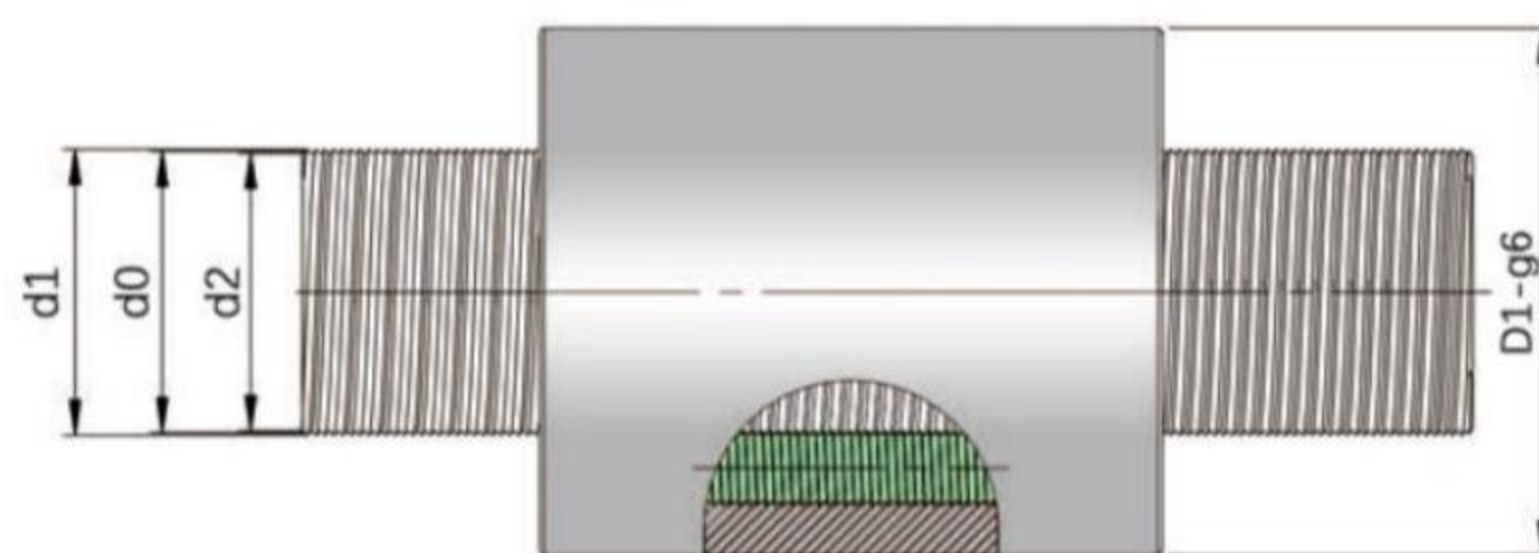
丝杠直径 (D)	导程(P)									
	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5
12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

CHRD Series - Planetary Roller Screw

Size	Pagination
● CHRD 12/15/18	30
● CHRD 21/24/27	31
● CHRD 30/33	32
● CHRD 36/39	33



CHRD Series - Planetary Roller Screw Type CHRD - Roller screws



Type	DxP	Ca	C0a	Fk	d1	d0	d2	D1
		kN	kN	N2/3μm	mm	mm	mm	mm
CHRD	12x0.05	9.0	11.1	27.4	12.14	12	11.82	26
CHRD	12x0.10	14.2	22.2	43.5	12.14	12	11.82	26
CHRD	12x0.15	15.6	21.9	34.9	12.20	12	11.72	26
CHRD	12x0.20	16.6	21.6	29.9	12.26	12	11.62	26
CHRD	12x0.25	18.0	22.6	27.3	12.32	12	11.51	26
CHRD	12x0.30	13.1	15.1	23.6	12.26	12	11.62	26
CHRD	12x0.35	15.2	24.4	46.4	12.14	12	11.82	26
CHRD	12x0.40	12.3	17.8	37.5	12.14	12	11.82	26
CHRD	12x0.45	12.6	17.7	35.2	12.16	12	11.79	26
CHRD	12x0.50	15.5	19.4	27.9	12.26	12	11.62	26
CHRD	15x0.05	12.2	16.3	32.2	15.14	15	14.82	32
CHRD	15x0.10	19.4	32.6	51.1	15.14	15	14.82	32
CHRD	15x0.15	21.6	32.8	41.5	15.21	15	14.72	32
CHRD	15x0.20	23.2	33.0	35.7	15.27	15	14.62	32
CHRD	15x0.25	24.9	33.7	32.2	15.33	15	14.52	32
CHRD	15x0.30	18.3	23.1	28.2	15.27	15	14.62	32
CHRD	15x0.35	20.6	35.9	54.4	15.14	15	14.82	32
CHRD	15x0.40	16.7	26.1	44.0	15.14	15	14.82	32
CHRD	15x0.45	17.1	25.8	41.2	15.16	15	14.79	32
CHRD	15x0.50	21.7	29.7	33.3	15.27	15	14.62	32
CHRD	18x0.05	18.7	30.1	42.4	18.14	18	17.82	36
CHRD	18x0.10	29.7	60.3	67.4	18.14	18	17.82	36
CHRD	18x0.15	33.0	60.5	54.4	18.21	18	17.72	36
CHRD	18x0.20	35.6	60.7	46.8	18.27	18	17.63	36
CHRD	18x0.25	37.8	60.9	41.7	18.34	18	17.53	36
CHRD	18x0.30	28.1	42.5	36.9	18.27	18	17.63	36
CHRD	18x0.35	31.6	66.3	71.8	18.14	18	17.82	36
CHRD	18x0.40	25.6	48.2	58.1	18.14	18	17.82	36
CHRD	18x0.45	26.3	47.8	54.1	18.16	18	17.80	36
CHRD	18x0.50	33.2	54.6	43.7	18.27	18	17.63	36

单螺母的最大轴向间隙: 0.03 (可提供更小的轴向间隙)

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要, 可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P-导程

D-标准直径

N-丝杠头数

do-公称直径

P Lead

D Reference diameter

N Number of starts

do Nominal diameter

d1-丝杠外径

d2-丝杠根径

Ca-额定运载

C0a-额定静载

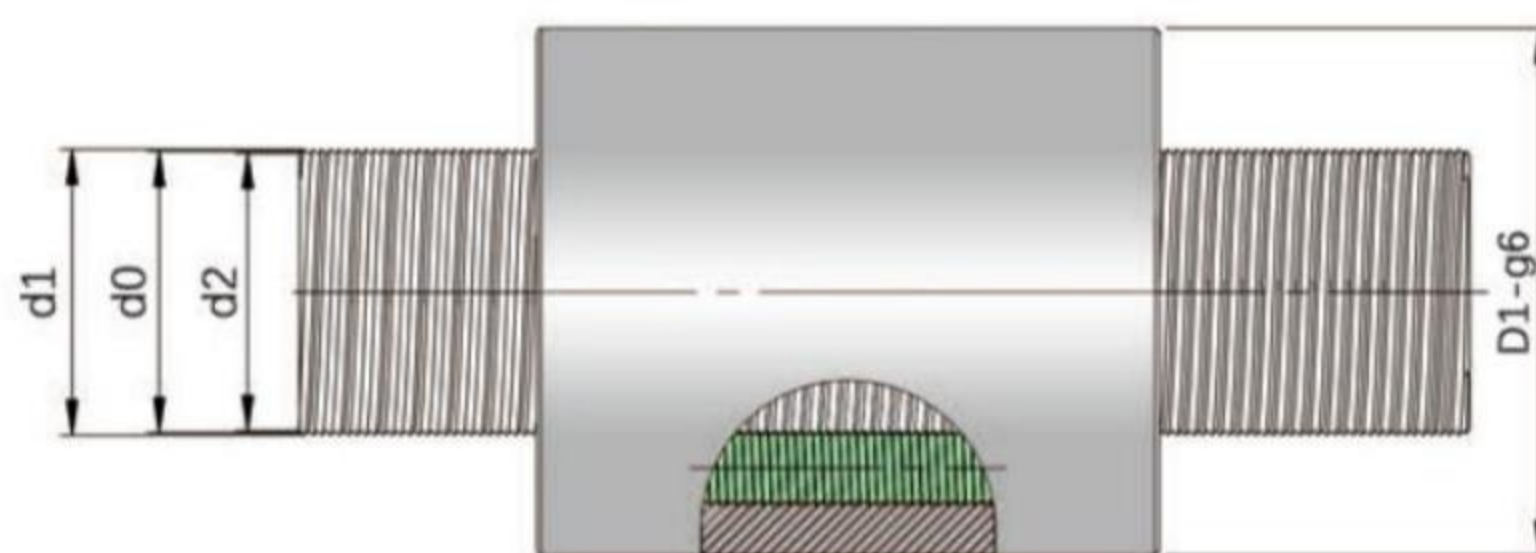
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRD Series - Planetary Roller Screw Type CHRD - Roller screws



Type	DxP	Ca	C0a	Fk	d1	d0	d2	D1
		kN	kN	N2/3μm	mm	mm	mm	mm
CHRD	21x0.05	25.7	46.9	51.8	21.14	21	20.82	41
CHRD	21x0.10	40.8	93.7	82.2	21.14	21	20.82	41
CHRD	21x0.15	45.1	93.1	65.7	21.21	21	20.73	41
CHRD	21x0.20	48.4	92.5	56.5	21.28	21	20.63	41
CHRD	21x0.25	52.2	95.3	50.9	21.34	21	20.53	41
CHRD	21x0.30	38.2	64.8	44.6	21.28	21	20.63	41
CHRD	21x0.35	43.4	103.1	87.6	21.14	21	20.82	41
CHRD	21x0.40	35.1	75.0	70.9	21.14	21	20.82	41
CHRD	21x0.45	36.0	74.4	66.2	21.16	21	20.80	41
CHRD	21x0.50	45.1	83.3	52.7	21.28	21	20.63	41
CHRD	24x0.05	35.1	73.0	63.3	24.14	24	23.82	46
CHRD	24x0.10	55.7	146.0	100.5	24.14	24	23.82	46
CHRD	24x0.15	61.5	144.3	80.0	24.21	24	23.73	46
CHRD	24x0.20	66.9	146.6	69.5	24.28	24	23.63	46
CHRD	24x0.25	70.9	146.8	61.9	24.34	24	23.53	46
CHRD	24x0.30	52.8	102.6	54.8	24.28	24	23.63	46
CHRD	24x0.35	59.4	160.6	107.1	24.14	24	23.82	46
CHRD	24x0.40	48.0	116.8	86.6	24.14	24	23.82	46
CHRD	24x0.45	49.1	115.3	80.8	24.16	24	23.80	46
CHRD	24x0.50	62.4	131.9	64.8	24.28	24	23.63	46
CHRD	27x0.05	38.7	80.7	65.6	27.14	27	26.82	53
CHRD	27x0.10	61.5	161.4	104.1	27.14	27	26.82	53
CHRD	27x0.15	68.4	161.7	83.8	27.21	27	26.73	53
CHRD	27x0.20	73.8	162.0	71.9	27.28	27	26.63	53
CHRD	27x0.25	78.6	163.4	64.4	27.35	27	26.54	53
CHRD	27x0.30	58.2	113.4	56.7	27.28	27	26.63	53
CHRD	27x0.35	65.5	177.5	110.9	27.14	27	26.82	53
CHRD	27x0.40	53.0	129.1	89.7	27.14	27	26.82	53
CHRD	27x0.45	54.8	129.8	84.6	27.16	27	26.80	53
CHRD	27x0.50	68.8	145.8	67.0	27.28	27	26.63	53

单螺母的最大轴向间隙: 0.03 (可提供更小的轴向间隙)

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要, 可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

do—公称直径

P Lead

D Reference diameter

N Number of starts

do Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

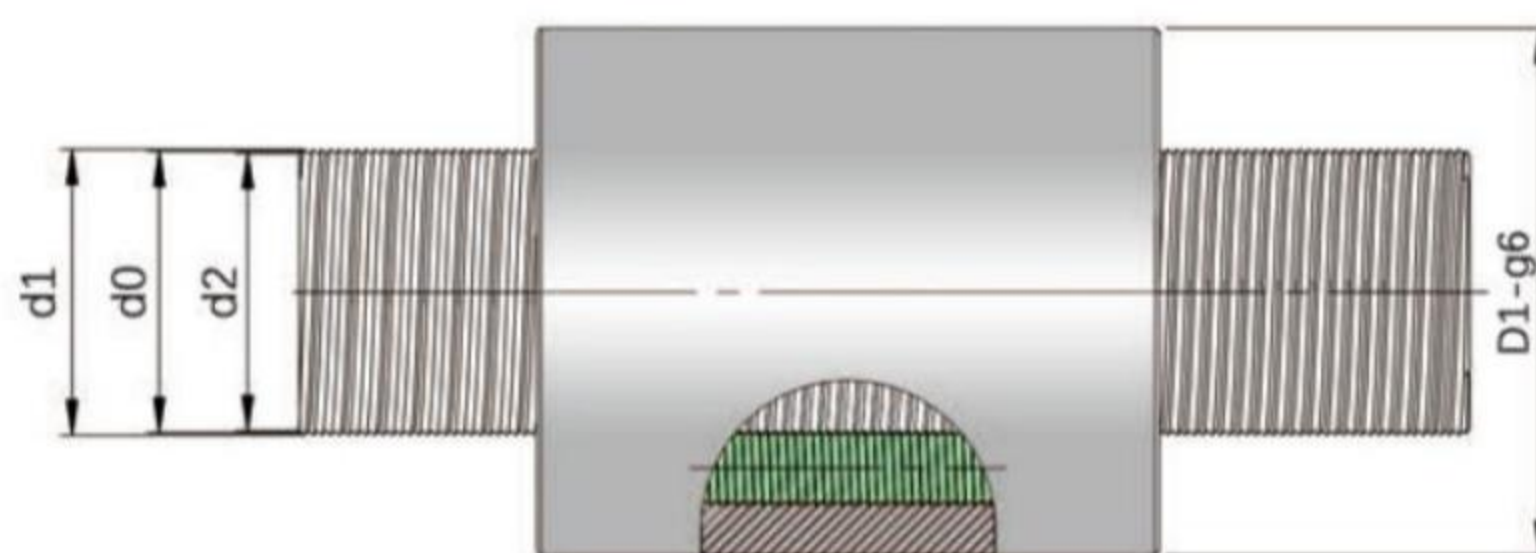
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRD Series - Planetary Roller Screw Type CHRD - Roller screws



Type	DxP	Ca	C0a	Fk	d1	d0	d2	D1
		kN	kN	N2/3μm	mm	mm	mm	mm
CHRD	30x0.05	46.8	104.1	73.6	30.14	30	29.82	60
CHRD	30x0.10	74.3	208.2	116.8	30.14	30	29.82	60
CHRD	30x0.15	82.7	208.5	94.0	30.21	30	29.73	60
CHRD	30x0.20	88.5	206.4	79.8	30.28	30	29.64	60
CHRD	30x0.25	94.9	210.4	71.9	30.35	30	29.54	60
CHRD	30x0.30	69.8	144.5	62.9	30.28	30	29.64	60
CHRD	30x0.35	79.1	229.0	124.5	30.14	30	29.82	60
CHRD	30x0.40	64.0	166.5	100.7	30.14	30	29.82	60
CHRD	30x0.45	66.0	166.6	94.3	30.16	30	29.80	60
CHRD	30x0.50	82.5	185.7	74.4	30.28	30	29.64	60
CHRD	33x0.05	42.7	84.3	66.3	33.15	33	32.82	67
CHRD	33x0.10	67.8	168.6	105.2	33.15	33	32.82	67
CHRD	33x0.15	75.8	170.2	84.9	33.22	33	32.73	67
CHRD	33x0.20	80.7	166.8	71.7	33.28	33	32.64	67
CHRD	33x0.25	86.7	171.0	64.5	33.35	33	32.54	67
CHRD	33x0.30	63.6	116.8	56.5	33.28	33	32.64	67
CHRD	33x0.35	72.2	185.4	112.1	33.15	33	32.82	67
CHRD	33x0.40	58.4	134.9	90.7	33.15	33	32.82	67
CHRD	33x0.45	60.1	134.4	84.9	33.16	33	32.80	67
CHRD	33x0.50	75.2	150.1	66.8	33.28	33	32.64	67

CHRD Series

单螺母的最大轴向间隙: 0.03 (可提供更小的轴向间隙)

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要, 可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P-导程

D-标准直径

N-丝杠头数

d0-公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1-丝杠外径

d2-丝杠根径

Ca-额定运载

C0a-额定静载

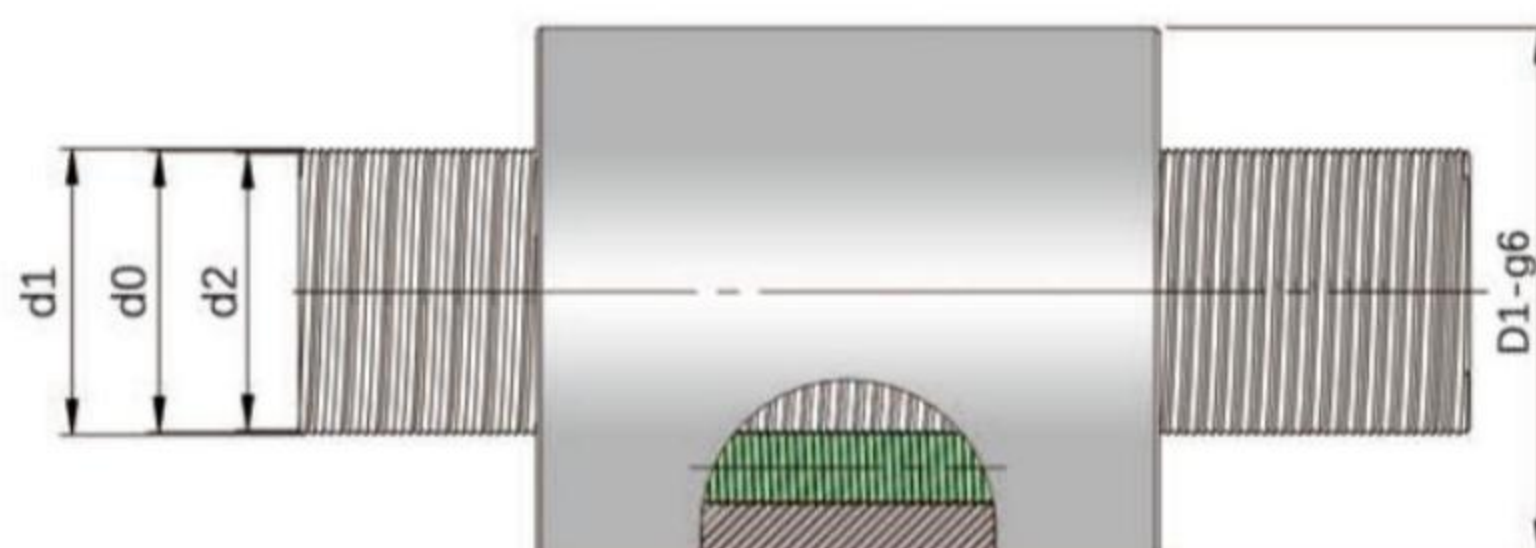
d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

CHRD Series - Planetary Roller Screw Type CHRD - Roller screws



Type	DxP	Ca	C0a	Fk	d1	d0	d2	D1
		kN	kN	N2/3μm	mm	mm	mm	mm
CHRD	36x0.05	45.4	88.3	67.4	36.15	36	35.82	74
CHRD	36x0.10	72.0	176.6	107.1	36.15	36	35.82	74
CHRD	36x0.15	80.5	178.3	86.4	36.22	36	35.73	74
CHRD	36x0.20	85.7	174.7	73.1	36.29	36	35.64	74
CHRD	36x0.25	92.1	179.2	65.5	36.35	36	35.54	74
CHRD	36x0.30	67.6	122.3	57.7	36.29	36	35.64	74
CHRD	36x0.35	76.7	194.2	114.1	36.15	36	35.82	74
CHRD	36x0.40	62.1	141.2	92.3	36.15	36	35.82	74
CHRD	36x0.45	63.9	140.8	86.5	36.16	36	35.80	74
CHRD	36x0.50	79.9	157.3	68.2	36.29	36	35.64	74
CHRD	39x0.05	67.2	164.4	89.5	39.15	39	38.82	82
CHRD	39x0.10	106.7	328.9	142.1	39.15	39	38.82	82
CHRD	39x0.15	118.1	326.2	113.4	39.22	39	38.73	82
CHRD	39x0.20	127.4	326.6	97.5	39.29	39	38.64	82
CHRD	39x0.25	136.0	330.2	86.4	39.35	39	38.54	82
CHRD	39x0.30	100.5	228.6	76.9	39.29	39	38.64	82
CHRD	39x0.35	113.7	361.8	151.4	39.15	39	38.82	82
CHRD	39x0.40	92.0	263.1	122.5	39.15	39	38.82	82
CHRD	39x0.45	94.3	260.7	114.6	39.16	39	38.80	82
CHRD	39x0.50	118.8	293.9	90.9	39.29	39	38.64	82

单螺母的最大轴向间隙: 0.03 (可提供更小的轴向间隙)

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要, 可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

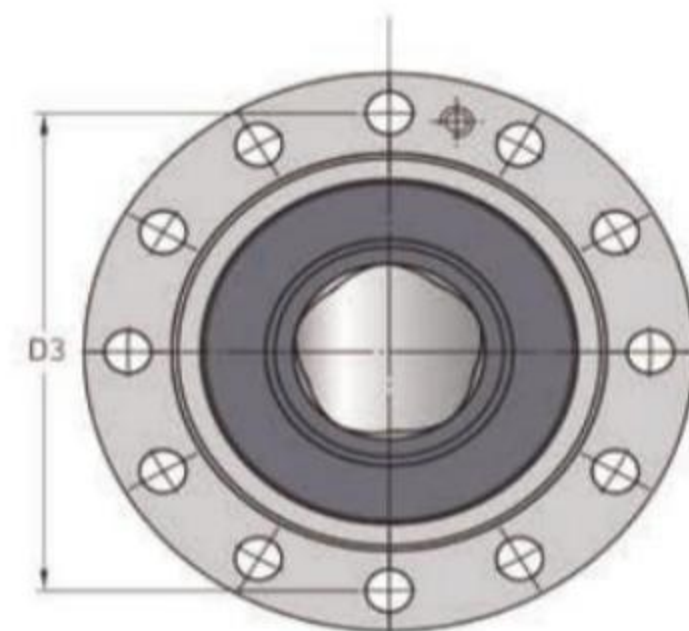
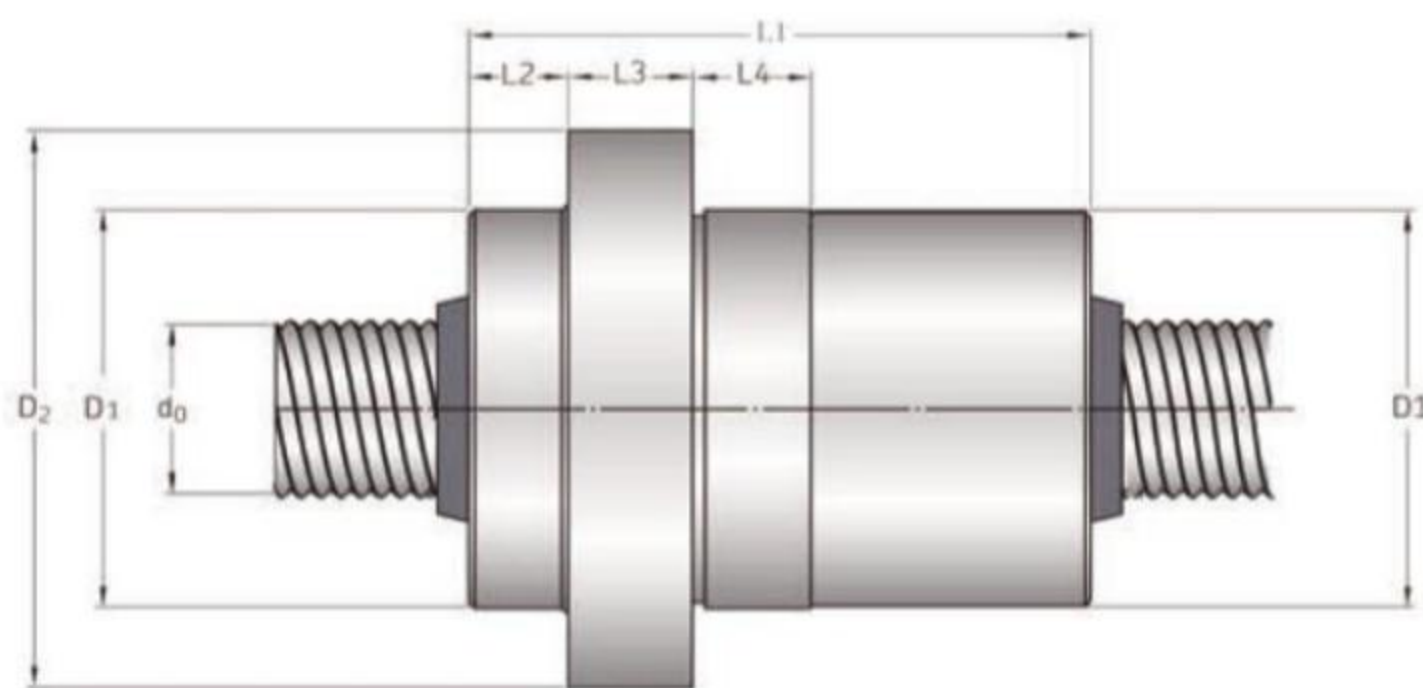
CHRW/M Series - Planetary Roller Screw

丝杠直径 (D)	导程(P)						
	0.5	1	1.5	2	3	4	5
3	✓	✓					
4	✓	✓	✓				
5	✓	✓	✓	✓			
6	✓	✓	✓	✓			
7	✓	✓	✓	✓			
8	✓	✓	✓	✓			
10	✓	✓	✓	✓			
12	✓	✓	✓	✓			
15	✓	✓	✓	✓			
20		✓		✓			
25		✓		✓			
32		✓		✓			
40		✓		✓			
50		✓		✓	✓	✓	
63		✓		✓	✓	✓	
80		✓		✓	✓	✓	
100		✓		✓	✓	✓	✓
125		✓		✓	✓	✓	✓

CHRW/M Series - Planetary Roller Screw

Size	Pagination
● CHRW 3/4/5/6/7/8/10/12/15	36
● CHRM 20/25/32/40/50/63/80/100/125	37





Type	DxP	d0	Ca	C0a	L1	D1	D2	D3	L2	L3	L4
		mm	kN	kN	mm	mm	mm	mm	mm	mm	mm
CHRW	3X0.5	3	2.1	3.5	25	11					
CHRW	3X1	3	2.1	3.5	25	11					
CHRW	4X0.5	4	3.5	5.9	29	12					
CHRW	4X1	4	3.5	5.9	29	12					
CHRW	4X1.5	4	3.5	5.9	29	12					
CHRW	5X0.5	5	4.6	7.8	30	13					
CHRW	5X1	5	4.6	7.8	30	13					
CHRW	5X1.5	5	4.6	7.8	30	13					
CHRW	5X2	5	4.6	7.8	30	13					
CHRW	6X0.5	6	5.5	9.3	31	14.5					
CHRW	6X1	6	5.5	9.3	31	14.5					
CHRW	6X1.5	6	5.5	9.3	31	14.5					
CHRW	6X2	6	5.5	9.3	31	14.5					
CHRW	7X0.5	7	6.3	10.7	31	15.5					
CHRW	7X1	7	6.3	10.7	31	15.5					
CHRW	7X1.5	7	6.3	10.7	31	15.5					
CHRW	7X2	7	6.3	10.7	31	15.5					
CHRW	8X0.5	8	8.1	13.7	31	16.5					
CHRW	8X1	8	8.1	13.7	31	16.5					
CHRW	8X1.5	8	8.1	13.7	31	16.5					
CHRW	8X2	8	8.1	13.7	31	16.5					
CHRW	10X0.5	10	11.2	19.0	31	18.5					
CHRW	10X1	10	11.2	19.0	31	18.5					
CHRW	10X1.5	10	11.2	19.0	31	18.5					
CHRW	10X2	10	11.2	19.0	31	18.5					
CHRW	12X0.5	12	14.3	24.3	31	20.5					
CHRW	12X1	12	14.3	24.3	31	20.5					
CHRW	12X1.5	12	14.3	24.3	31	20.5					
CHRW	12X2	12	14.3	24.3	31	20.5					
CHRW	15X0.5	15	26.3	44.7	40	23.5					
CHRW	15X1	15	26.3	44.7	40	23.5					
CHRW	15X1.5	15	26.3	44.7	40	23.5					
CHRW	15X2	15	26.3	44.7	40	23.5					

单螺母的最大轴向间隙：0.03（可提供更小的轴向间隙）

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要，可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释：

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

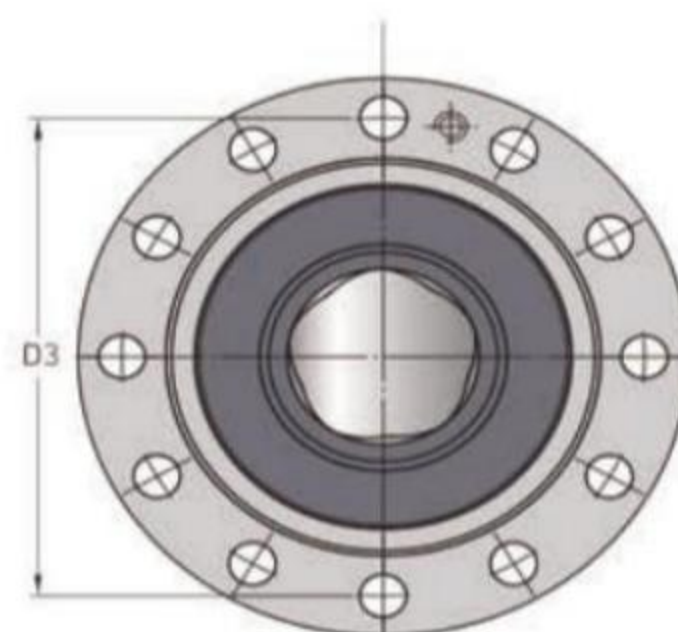
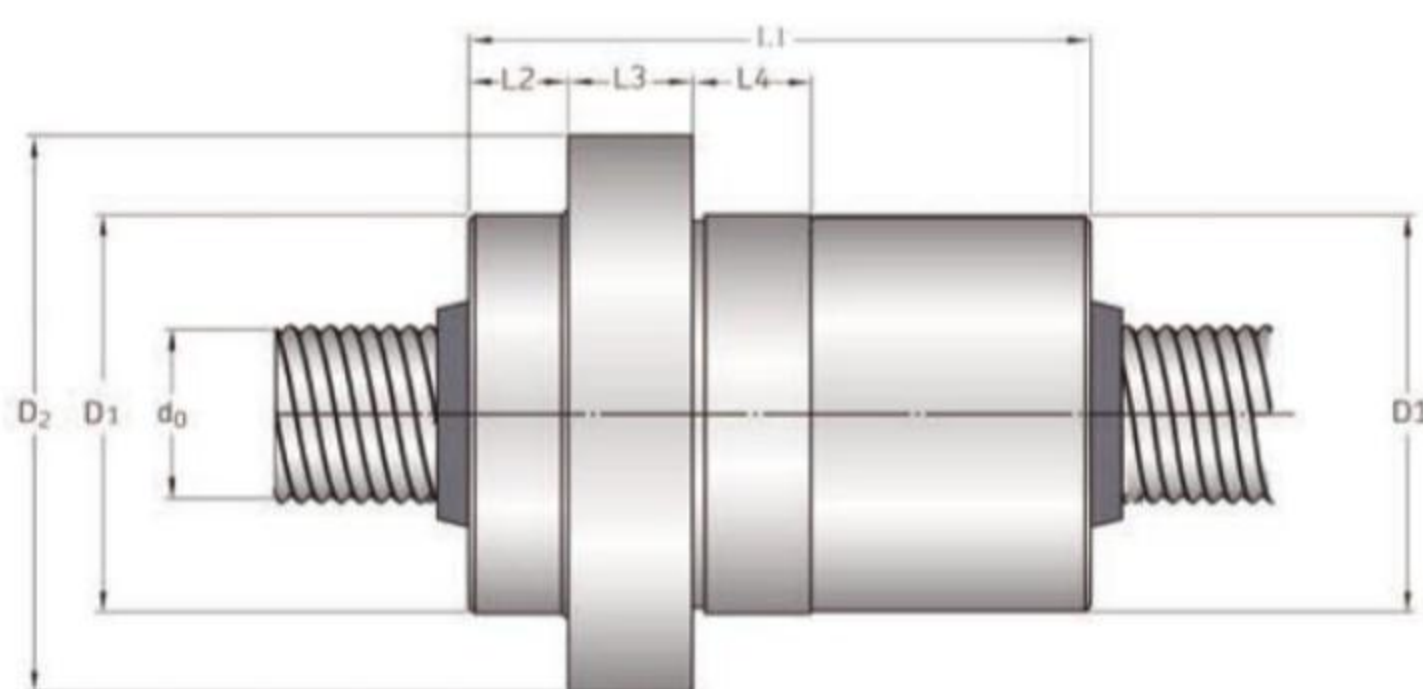
C0a—额定静载

d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity



Type	DxP	d0	Ca	C0a	L1	D1	D2	D3	L2	L3	L4
		mm	kN	kN	mm	mm	mm	mm	mm	mm	mm
CHRM	20X1	20	45	40	55	35					
CHRM	20X2	20	45	40	55	35					
CHRM	25X1	25	33	66	64	45					
CHRM	25X2	25	33	66	64	45					
CHRM	32X1	32	64	128	71	56					
CHRM	32X2	32	64	128	71	56					
CHRM	40X1	40	80	160	90	68					
CHRM	40X2	40	80	160	90	68					
CHRM	50X1	50	150	300	125	82					
CHRM	50X2	50	150	300	125	82					
CHRM	50X3	50	150	300	125	82					
CHRM	50X4	50	150	300	125	82					
CHRM	63X1	63	260	520	118	105					
CHRM	63X2	63	260	520	118	105					
CHRM	63X3	63	260	520	118	105					
CHRM	63X4	63	260	520	118	105					
CHRM	80X1	80	380	760	130	140					
CHRM	80X2	80	380	760	130	140					
CHRM	80X3	80	380	760	130	140					
CHRM	80X4	80	380	760	130	140					
CHRM	100X1	100	560	1120	250	180					
CHRM	100X2	100	560	1120	250	180					
CHRM	100X3	100	560	1120	250	180					
CHRM	100X4	100	560	1120	250	180					
CHRM	100X5	100	560	1120	250	180					
CHRM	125X1	125	790	1580	280	220					
CHRM	125X2	125	790	1580	280	220					
CHRM	125X3	125	790	1580	280	220					
CHRM	125X4	125	790	1580	280	220					
CHRM	125X5	125	790	1580	280	220					

单螺母的最大轴向间隙: 0.03 (可提供更小的轴向间隙)

Maximum backlash of single nuts: 0.03mm (can be less on request).

如果需要, 可提供含润滑孔螺母

If possible, provide a lubrication hole in the nut

参数注释:

Terms used in tables

P—导程

D—标准直径

N—丝杠头数

d0—公称直径

P Lead

D Reference diameter

N Number of starts

d0 Nominal diameter

d1—丝杠外径

d2—丝杠根径

Ca—额定运载

C0a—额定静载

d1 External diameter

d2 Thread bottom diameter

Ca Dynamic load capacity

C0a Static load capacity

Application Selection List

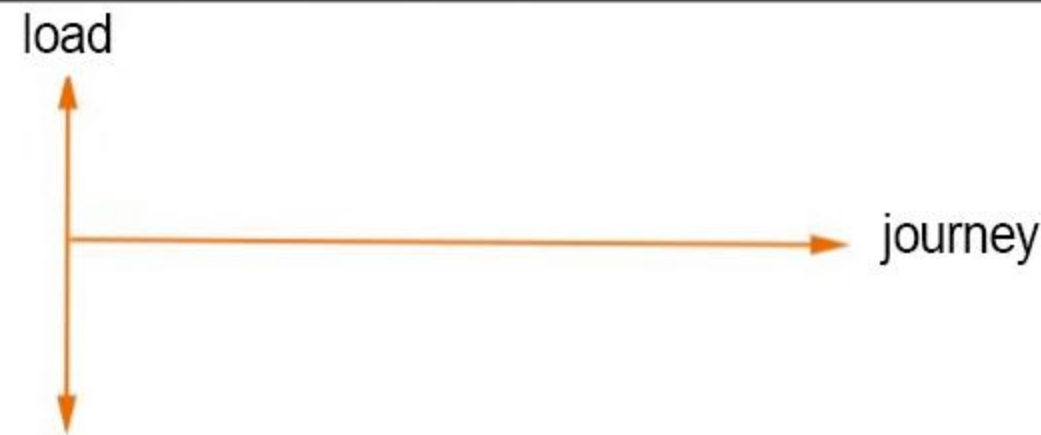
Application conditions description

usage quantity

Maximum static load

Maximum dynamic load

If possible, please provide the load curve graph.



Maximum linear motion speed

journey :

Length of the screw rod :

Main load : ☐ pressure

☐ pull

Rotation method : ☐ nut

☐ screw

Thread rod installation method : ☐ vertical

☐ level

specific environment : ☐ shake

☐ impact load

expected life run loop :

Overall duration: one year:

work environment : Dampness / Liquids / Dust

temperature range

Size limit requirements : Maximum diameter/length of the nut/lead screw

size of interface

motor torque

Lubrication requirements :

Pitch accuracy : ☐ G5 (23 μ m/300mm) ☐ G3 (12 μ m/300mm) ☐ G1 (6 μ m/300mm)

Processing tolerance (in accordance with ISO 3408-3 standard)

☐ Grade 5

☐ Grade 3

☐ Grade 1

axial clearance : ☐ standard

☐ No axial clearance

☐ Tightening/Stiffness

Type of nut : ☐ flange nut

☐ Cylindrical nut

☐ double nut

☐ flange nut

Fixed - Free : ☐ XX—

Fixed support : ☐ XX—X

Fixed - Fixed: : ☐ XX—XX

Support - Support : ☐ X—X

Other requirements, remarks or drawings:



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