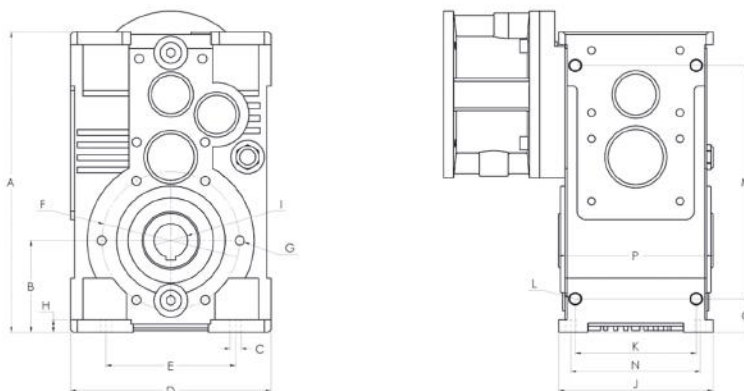




**ROM series parallel shaft reducers**

At [www.rodavigo.net](http://www.rodavigo.net) Family: Transmission elements  
Product: CIDEPA motor and reducer

**ROM**

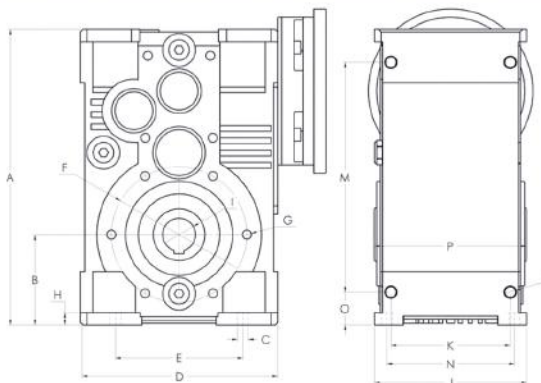


**ROM**

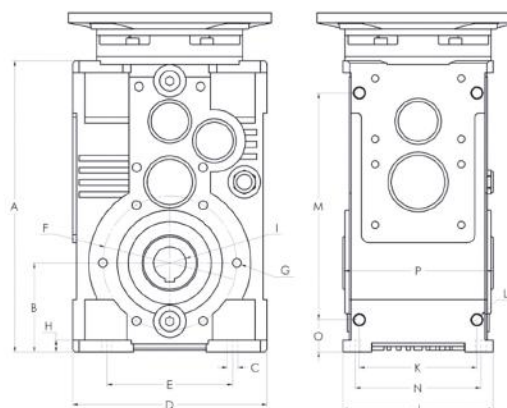
SIZE	Cv min	Cv MAX	i min	i MAX	TORQUE MAX (Nm)	ØAXIS
0	0,16	0,5	7,1	122	365,4	30
1	0,25	7,5	6,97	114,5	562,7	35-38
2	0,5	15	7,28	110,9	1.439,6	40-45-48-50
3	0,75	20	7,1	112,8	2.000,6	50-60
4	1	30	6,89	110,7	2.999,8	60-70
5	1,5	40	7,12	120,6	4.908,8	70-80
6	4	100	7,03	115,8	9.431,7	80-90

**CROM - VCROM Series Orthogonal Gear Reducers**

**CROM**



**VCROM**



**CROM - VCROM**

SIZE	Cv min	Cv MAX	i min	i MAX	TORQUE MAX (Nm)	ØAXIS
0	0,12	2,2	7,1	440,4	363,9	30
1	0,12	4	6,84	446,7	568,4	35-38
2	0,18	11	7,23	432,7	1.440,1	40-45-48-50
3	0,18	15	7,05	440,2	2.315,3	50-60
4	0,25	22	7,12	432	3.113,9	60-70
5	0,25	30	7,21	475,6	5.115,7	70-80
6	0,75	50	7,01	451,5	9.722,2	80-90

# TRANSMISSION ELEMENTS

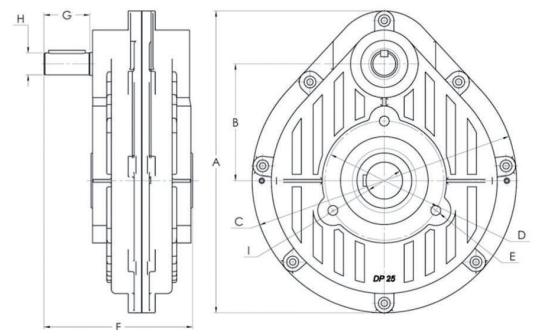
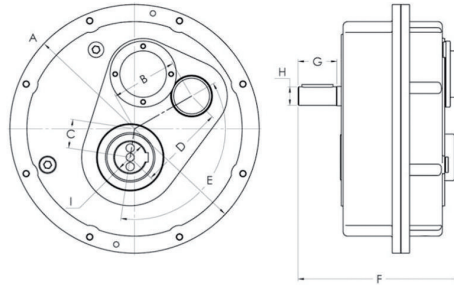


## >>> Reducers and gearmotors

At [www.rodavigo.net](http://www.rodavigo.net)

Family: Transmission elements  
Product: CIDEPA motor and reducer

DP and DPS Series Pendular



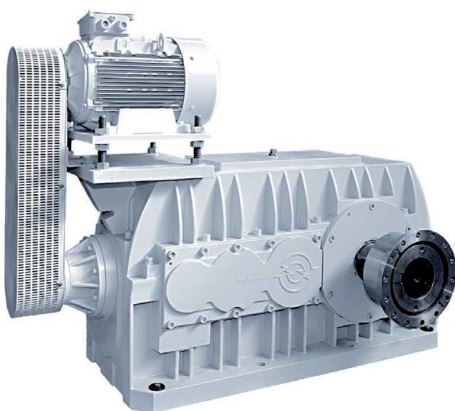
### DP

SIZE	Cv min	Cv MAX	i min	i MAX	TORQUE MAX (Nm)	ØAXIS
40	7,5	10	10	20	795,8	40-45
45	7,5	20	10	20	1.193,7	45-50-55
50	7,5	30	10	20	2.170,3	50-55-60
60	10	50	10	20	3.581	60-70
70	10	75	10	20	4.524	70-85

### DPS

SIZE	Cv min	Cv MAX	i min	i MAX	TORQUE MAX (Nm)	ØAXIS
15	1,5	4	6	8	171,9	25-30-35
25	2	5,5	6	8	229,2	35-40-45
30	3	10	8	8	458,4	40-45

## RL and CRL Series Tandem



### RL

SIZE	Cv MAX	i min	i MAX	TORQUE MAX (Nm)
200	108	6,3	630	11.510
225	134	6,3	630	16.249
250	167	6,3	630	27.759
280	210	6,3	630	36.561
315	268	6,3	630	52.134
355	329	6,3	630	73.123
400	407	6,3	630	98.852
500	630	6,3	630	148.955

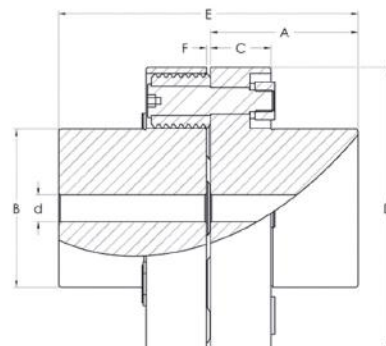
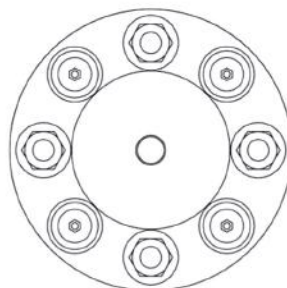
### CRL

SIZE	Cv MAX	i min	i MAX	TORQUE MAX (Nm)
200	141	6,3	630	11.620
225	174	6,3	630	14.421
250	218	6,3	630	24.516
280	274	6,3	630	26.439
315	351	6,3	630	39.899
355	432	6,3	630	54.321
400	533	6,3	630	71.146
500	914	6,3	630	171.616





Coupling plate



T PLATE



SELECTION BOX

TYPE	Hp/RPM	Max. Torque Nm	H.P. a 100 RPM	Max. Speed	d MAX	d min
51	0,053	37,19	0,53	9,500	20	7
52	0,010	70,17	1,00	7,800	28	9
53	0,017	119,29	1,70	6,300	35	10
54	0,042	294,71	4,20	5,300	40	12
55	0,079	554,33	7,90	4,500	50	15
56	0,13	912,18	13,00	3,700	63	18
57	0,22	1.543,70	22,00	3,200	75	20
58	0,40	2.806,72	40,00	5,600	90	25
59	0,66	4.631,09	66,00	2,200	110	30
510	1,00	7.016,80	100,00	1,900	120	35
5011	1,40	9.823,56	140,00	1,300	140	80
5012	1,70	11.928,56	170,00	1,000	160	90
5013	2,60	18.243,68	260,00	700	200	100

DIMENSIONS

TYPE	D	a	b	c	e	f	g	Nº Bolts	Weight Kg	Kgm²
51	70	30	32	20	63	3	M4x10	6	1,1	0,0019
52	85	40	45	20	83	3	M6x15	8	1,9	0,0040
53	105	50	56	25	103	3	M6x20	6	3,4	0,0122
54	125	55	64	25	113	3	M6x20	8	5,0	0,0263
55	150	65	80	32	133	3	M8x25	6	9,2	0,0705
56	180	85	105	32	173	3	M10x35	8	16,7	0,139
57	210	110	120	45	225	5	M12x40	8	28,6	0,400
58	250	120	150	45	245	5	M12x50	12	45,00	0,903
59	300	130	176	55	265	5	M16x55	12	62,5	1,840
510	350	150	190	55	305	5	M16x60	12	106,0	3,630
5011	400	180	225	55	365	5	M16x70	16	206,0	10,000
5012	475	220	270	75	445	5	M20x90	14	360,0	27,000
5013	555	250	350	75	505	5	M20x125	16	540,0	82,000

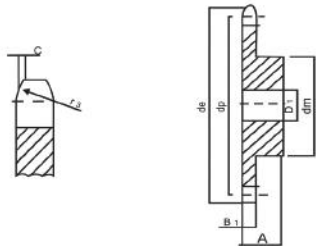
## >>> Chain sprockets



### Sprockets 8x3.0 mm 05 B-1

for roller chains DIN 8187 ISO / R 606

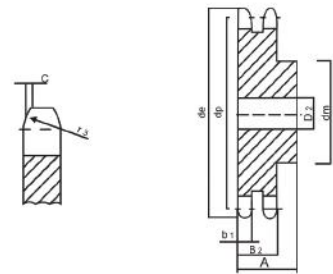
Sprocket	mm
Tooth radius $r_3$	8
Radius length C	0,8
Tooth width $B_1$	2,8
Tooth width $b_1$	2,7
Tooth width $B_2$	8,3
Chain	mm
Pitch	8
Inner width	3
Roller - $\emptyset$	5



### Sprockets 8x3.0 mm 05 B-2

for roller chains DIN 8187 ISO / R 606

Sprocket	mm
Tooth radius $r_3$	8
Radius length C	0,8
Tooth width $B_1$	2,8
Tooth width $b_1$	2,7
Tooth width $B_2$	8,3
Chain	mm
Pitch	8
Inner width	3
Roller - $\emptyset$	5



Code	Dimensions					
	Z	de	Dp	S <sub>dm</sub>	D1	A
	mm					
1918P81	8	23,4	20,90	13	6	12
1919P81	9	25,9	23,39	15	6	12
19110P81	10	28,4	25,89	17	6	12
19111P81	11	31,0	28,39	18	7	13
19112P81	12	33,7	30,91	20	7	13
19113P81	13	36,7	33,42	23	7	13
19114P81	14	39,2	35,95	25	7	13
19115P81	15	41,7	38,48	28	7	13
19116P81	16	44,2	41,01	30	7	14
19117P81	17	46,7	43,53	30	8	14
19118P81	18	49,2	46,07	30	8	14
19119P81	19	51,7	48,61	30	8	14
19120P81	20	54,2	51,14	30	8	14
19121P81	21	57,2	53,67	35	8	14
19122P81	22	59,4	56,21	35	8	14
19123P81	23	62,2	58,75	35	8	14
19124P81	24	64,7	61,29	35	8	14
19125P81	25	67,2	63,83	35	8	14
19126P81	26	69,7	66,37	40	10	16
19127P81	27	72,3	69,91	40	10	16
19128P81	28	74,7	71,45	40	10	16
19129P81	29	77,2	73,99	40	10	16
19130P81	30	80,2	76,53	40	10	16
19131P81	31	82,7	79,08	40	12	16
19132P81	32	85,2	81,61	40	12	16
19133P81	33	87,7	84,16	40	12	16
19134P81	34	90,2	86,70	40	12	16
19135P81	35	92,7	89,24	40	12	16
19136P81	36	95,2	91,79	40	12	16
19137P81	37	97,7	94,33	40	12	16
19138P81	38	100,2	96,88	40	12	16
19139P81	39	102,7	99,42	40	12	16
19140P81	40	105,7	101,97	40	12	16
19145P81	45	118,6	114,69	60	12	20
19148P81	48	131,5	127,41	60	12	20
19157P81	57	149,3	145,22	80	14	20

Material Fe 50

Code	Dimensions					
	Z	de	Dp	D <sub>dm</sub>	D2	A
	mm					
1918P82	8	23,4	20,90	12	6	18
1919P82	9	25,9	23,39	15	6	18
19110P82	10	28,4	25,89	17	8	18
19111P82	11	31,0	28,39	19	8	18
19112P82	12	33,7	30,91	21	8	18
19113P82	13	36,7	33,42	24	8	18
19114P82	14	39,2	35,95	26	8	18
19115P82	15	41,7	38,48	29	8	18
19116P82	16	44,2	41,01	32	10	20
19117P82	17	46,7	43,53	34	10	20
19118P82	18	49,2	46,07	37	10	20
19119P82	19	51,7	48,61	39	10	20
19120P82	20	54,2	51,14	40	10	20
19121P82	21	57,2	53,67	45	12	20
19122P82	22	59,4	56,21	45	12	20
19123P82	23	62,2	58,75	45	12	20
19124P82	24	64,7	61,29	45	12	20
19125P82	25	67,2	63,83	45	12	20
19126P82	26	69,7	66,37	50	12	22
19127P82	27	72,3	69,91	50	12	22
19128P82	28	74,7	71,45	50	12	22
19129P82	29	77,2	73,99	50	12	22
19130P82	30	80,2	76,53	50	12	22
19131P82	31	82,7	79,08	60	12	22
19132P82	32	85,2	81,61	60	12	22
19133P82	33	87,7	84,16	60	12	22
19134P82	34	90,2	86,70	60	12	22
19135P82	35	92,7	89,24	60	12	22
19136P82	36	95,2	91,79	60	12	22
19137P82	37	97,7	94,33	60	12	22
19138P82	38	100,2	96,88	60	12	22
19139P82	39	102,7	99,42	60	12	22
19140P82	40	105,7	101,97	60	12	22
19145P82	45	118,6	114,69	-	-	-
19148P82	48	131,5	127,41	-	-	-
19157P82	57	149,3	145,22	-	-	-

Material Fe 50





>>> Chain sprockets

At www.rodavigo.net Family: Transmission elements  
Product: Chain sprockets

3/8 "x3 / 72" sprockets  
9.525x5.72 mm 06 B-1

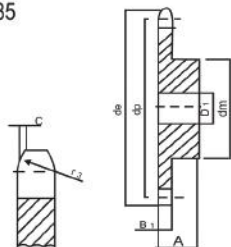
3/8 "x3 / 72" sprockets  
9.525x5.72 mm 06 B-2

3/8 "x3 / 72" sprockets  
9.525x5.72 mm 06 B-3

**Sprocket** mm for roller chains  
DIN 8187 ISO / R 606

Tooth radius  $r_3$  10  
Radius length C 1  
Tooth width  $B_1$  5,3  
Tooth width  $b_1$  5,2  
Tooth width  $B_2$  15,4  
Tooth width  $B_3$  25,6

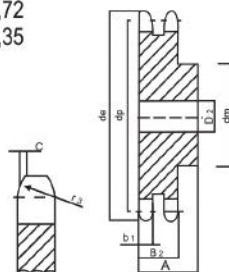
**Chain** mm  
Pitch 9,525  
Inner width 5,72  
Roller -  $\varnothing$  6,35



**Sprocket** mm for roller chains  
DIN 8187 ISO / R 606

Tooth radius  $r_3$  10  
Radius length C 1  
Tooth width  $B_1$  5,3  
Tooth width  $b_1$  5,2  
Tooth width  $B_2$  15,4  
Tooth width  $B_3$  25,6

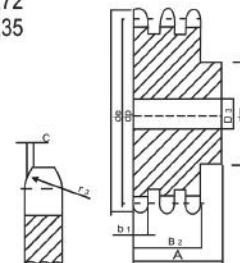
**Chain** mm  
Pitch 9,525  
Inner width 5,72  
Roller -  $\varnothing$  6,35



**Sprocket** mm for roller chains  
DIN 8187 ISO / R 606

Tooth radius  $r_3$  10  
Radius length C 1  
Tooth width  $B_1$  5,3  
Tooth width  $b_1$  5,2  
Tooth width  $B_2$  15,4  
Tooth width  $B_3$  25,6

**Chain** mm  
Pitch 9,525  
Inner width 5,72  
Roller -  $\varnothing$  6,35



Code	Dimensions					
	Z	$d_e$	$D_p$	S $d_m$	$D_1$	A

mm						
1918381	8	26,8	24,89	15	8	20
1919381	9	31,5	27,85	18	8	20
19110381	10	34,5	30,82	20	8	20
19111381	11	37,5	33,80	22	8	25
19112381	12	40,5	36,80	25	8	25
19113381	13	43,5	39,80	28	10	25
19114381	14	46,5	42,80	31	10	25
19115381	15	49,5	45,81	34	10	25
19116381	16	52,5	48,82	37	10	28
19117381	17	55,5	51,83	40	10	28
19118381	18	58,6	54,85	43	10	28
19119381	19	61,6	57,87	45	10	28
19120381	20	64,6	60,89	46	10	28
19121381	21	67,6	63,91	48	12	28
19122381	22	70,6	66,93	50	12	28
19123381	23	73,7	69,95	52	12	28
19124381	24	76,7	72,97	54	12	28
19125381	25	79,7	76,00	57	12	28
19126381	26	82,7	79,02	60	12	28
19127381	27	85,7	82,04	60	12	28
19128381	28	88,8	85,07	60	12	28
19129381	29	91,8	88,09	60	12	28
19130381	30	94,8	91,12	60	12	30
19131381	31	97,9	94,15	65	14	30
19132381	32	100,9	97,17	65	14	30
19133381	33	103,9	100,20	65	14	30
19134381	34	106,9	103,23	65	14	30
19135381	35	110,0	106,26	65	14	30
19136381	36	113,0	109,29	70	16	30
19137381	37	116,0	112,32	70	16	30
19138381	38	119,0	115,34	70	16	30
19139381	39	122,1	118,37	70	16	30
19140381	40	125,1	121,40	70	16	30

Material Fe 50

Code	Dimensions					
	Z	$d_e$	$D_p$	D $d_m$	$D_2$	A

mm						
1918382	8	26,8	24,89	15	8	25
1919382	9	31,5	27,85	18	8	25
19110382	10	34,5	30,82	20	8	25
19111382	11	37,5	33,80	22	10	30
19112382	12	40,5	36,80	25	10	30
19113382	13	43,5	39,80	28	10	30
19114382	14	46,5	42,80	31	10	30
19115382	15	49,5	45,81	34	10	30
19116382	16	52,5	48,82	37	12	30
19117382	17	55,5	51,83	40	12	30
19118382	18	58,6	54,85	43	12	30
19119382	19	61,6	57,87	46	12	30
19120382	20	64,6	60,89	49	12	30
19121382	21	67,6	63,91	52	16	30
19122382	22	70,6	66,93	55	16	30
19123382	23	73,7	69,95	58	16	30
19124382	24	76,7	72,97	61	16	30
19125382	25	79,7	76,00	64	16	30
19126382	26	82,7	79,02	67	16	30
19127382	27	85,7	82,04	70	16	30
19128382	28	88,8	85,07	73	16	30
19129382	29	91,8	88,09	76	16	30
19130382	30	94,8	91,12	79	16	30
19131382	31	97,9	94,15	80	16	30
19132382	32	100,9	97,17	80	16	30
19133382	33	103,9	100,20	80	16	30
19134382	34	106,9	103,23	80	16	30
19135382	35	110,0	106,26	80	16	30
19136382	36	113,0	109,29	90	16	30
19137382	37	116,0	112,32	90	16	30
19138382	38	119,0	115,34	90	16	30
19139382	39	122,1	118,37	90	16	30
19140382	40	125,1	121,40	90	16	30

Material Fe 50

Code	Dimensions					
	Z	$d_e$	$D_p$	T $d_m$	$D_3$	A

mm						
1918383	8	26,8	24,89	15	8	32
1919383	9	31,5	27,85	18	8	32
19110383	10	34,5	30,82	20	8	32
19111383	11	37,5	33,80	22	10	35
19112383	12	40,5	36,80	25	10	35
19113383	13	43,5	39,80	28	10	35
19114383	14	46,5	42,80	31	10	35
19115383	15	49,5	45,81	34	10	35
19116383	16	52,5	48,82	37	12	35
19117383	17	55,5	51,83	40	12	35
19118383	18	58,6	54,85	43	12	35
19119383	19	61,6	57,87	46	12	35
19120383	20	64,6	60,89	49	12	35
19121383	21	67,6	63,91	52	16	40
19122383	22	70,6	66,93	55	16	40
19123383	23	73,7	69,95	58	16	40
19124383	24	76,7	72,97	61	16	40
19125383	25	79,7	76,00	64	16	40
19126383	26	82,7	79,02	67	16	40
19127383	27	85,7	82,04	70	16	40
19128383	28	88,8	85,07	73	16	40
19129383	29	91,8	88,09	76	16	40
19130383	30	94,8	91,12	79	16	40
19131383	31	97,9	94,15	80	16	40
19132383	32	100,9	97,17	80	16	40
19133383	33	103,9	100,20	80	16	40
19134383	34	106,9	103,23	85	16	40
19135383	35	110,0	106,26	85	16	40
19136383	36	113,0	109,29	90	16	40
19137383	37	116,0	112,32	90	16	40
19138383	38	119,0	115,34	90	16	40
19139383	39	122,1	118,37	90	16	40
19140383	40	125,1	121,40	90	16	40

Material Fe 50



# TRANSMISSION ELEMENTS

At [www.rodavigo.net](http://www.rodavigo.net) Family: Transmission elements  
Product: Chain sprockets

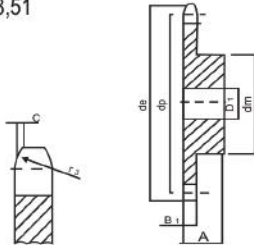
## >>> Chain sprockets

**1/2 "x5 / 16" sprockets**  
12.7x7.75mm 08 B-1

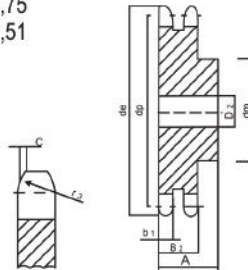
**1/2 "x5 / 16" sprockets**  
12.7x7.75mm 08 B-2

**1/2 "x5 / 16" sprockets**  
12.7x7.75mm 08 B-3

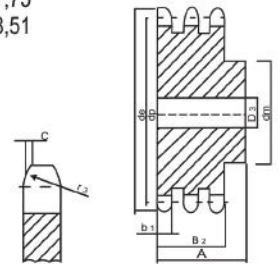
Sprocket	mm	for roller chains
Tooth radius $r_3$	13	DIN 8187 ISO / R 606
Radius length C	1,3	
Tooth width $B_1$	7,2	
Tooth width $b_1$	7	
Tooth width $B_2$	21	
Tooth width $B_3$	34,9	
Chain	mm	
Pitch	12,7	
Inner width	7,75	
Roller - $\varnothing$	8,51	



Sprocket	mm	for roller chains
Tooth radius $r_3$	13	DIN 8187 ISO / R 606
Radius length C	1,3	
Tooth width $B_1$	7,2	
Tooth width $b_1$	7	
Tooth width $B_2$	21	
Tooth width $B_3$	34,9	
Chain	mm	
Pitch	12,7	
Inner width	7,75	
Roller - $\varnothing$	8,51	



Sprocket	mm	for roller chains
Tooth radius $r_3$	13	DIN 8187 ISO / R 606
Radius length C	1,3	
Tooth width $B_1$	7,2	
Tooth width $b_1$	7	
Tooth width $B_2$	21	
Tooth width $B_3$	34,9	
Chain	mm	
Pitch	12,7	
Inner width	7,75	
Roller - $\varnothing$	8,51	



Code	Dimensions					
	Z	de	Dp	S dm	D1	A

mm						
1918121	8	38,0	33,18	20	10	25
1919121	9	42,0	37,13	24	10	25
19110121	10	45,9	41,10	26	10	25
19111121	11	49,9	45,07	29	10	25
19112121	12	53,9	49,07	33	10	28
19113121	13	57,9	53,06	37	10	28
19114121	14	61,9	57,07	41	10	28
19115121	15	65,9	61,09	45	10	28
19116121	16	69,9	65,10	50	12	28
19117121	17	74,0	69,11	56	12	28
19118121	18	78,0	73,14	60	12	28
19119121	19	82,0	77,16	64	12	28
19120121	20	86,0	81,19	68	14	28
19121121	21	90,1	85,22	70	14	28
19122121	22	94,1	89,24	70	14	28
19123121	23	98,1	93,27	70	14	28
19124121	24	102,1	97,29	70	14	28
19125121	25	106,2	101,33	70	14	28
19126121	26	110,2	105,36	70	16	30
19127121	27	114,2	109,40	70	16	30
19128121	28	118,3	113,42	70	16	30
19129121	29	122,3	117,46	80	16	30
19130121	30	126,3	121,50	80	16	30
19131121	31	130,4	125,54	90	16	30
19132121	32	134,4	129,56	90	16	30
19133121	33	138,4	133,60	90	16	30
19134121	34	142,4	137,64	90	16	30
19135121	35	146,5	141,68	90	16	30
19136121	36	150,6	145,72	90	16	35
19137121	37	154,6	149,76	90	16	35
19138121	38	158,6	153,80	90	16	35
19139121	39	162,7	157,83	90	16	35
19140121	40	166,7	161,87	90	16	35

Material C - 43

Code	Dimensions					
	Z	de	Dp	D dm	D2	A

mm						
1918122	8	38,0	33,18	20	10	32
1919122	9	42,0	37,13	24	10	32
19110122	10	45,9	41,10	28	10	32
19111122	11	49,9	45,07	32	12	35
19112122	12	53,9	49,07	35	12	35
19113122	13	57,9	53,06	38	12	35
19114122	14	61,9	57,07	42	12	35
19115122	15	65,9	61,09	46	12	35
19116122	16	69,9	65,10	50	16	38
19117122	17	74,0	69,11	54	16	38
19118122	18	78,0	73,14	58	16	38
19119122	19	82,0	77,16	62	16	38
19120122	20	86,0	81,19	66	16	38
19121122	21	90,1	85,22	70	16	40
19122122	22	94,1	89,24	70	16	40
19123122	23	98,1	93,27	70	16	40
19124122	24	102,1	97,29	75	16	40
19125122	25	106,2	101,33	80	16	40
19126122	26	110,2	105,36	85	16	40
19127122	27	114,2	109,40	85	16	40
19128122	28	118,3	113,42	90	16	40
19129122	29	122,3	117,46	95	16	40
19130122	30	126,3	121,50	100	16	40
19131122	31	130,4	125,54	100	20	40
19132122	32	134,4	129,56	100	20	40
19133122	33	138,4	133,60	100	20	40
19134122	34	142,4	137,64	100	20	40
19135122	35	146,5	141,68	100	20	40
19136122	36	150,6	145,72	100	20	40
19137122	37	154,6	149,76	100	20	40
19138122	38	158,6	153,80	100	20	40
19139122	39	162,7	157,83	100	20	40
19140122	40	166,7	161,87	100	20	40

Material C - 43

Code	Dimensions					
	Z	de	Dp	T dm	D3	A

mm						
1918123	8	38,0	33,18	20	10	46
1919123	9	42,0	37,13	24	12	46
19110123	10	45,9	41,10	28	12	46
19111123	11	49,9	45,07	32	16	50
19112123	12	53,9	49,07	35	16	50
19113123	13	57,9	53,06	38	16	50
19114123	14	61,9	57,07	42	16	50
19115123	15	65,9	61,09	46	16	50
19116123	16	69,9	65,10	50	16	50
19117123	17	74,0	69,11	54	16	50
19118123	18	78,0	73,14	58	16	50
19119123	19	82,0	77,16	62	16	50
19120123	20	86,0	81,19	66	16	50
19121123	21	90,1	85,22	70	16	55
19122123	22	94,1	89,24	70	16	55
19123123	23	98,1	93,27	70	16	55
19124123	24	102,1	97,29	75	16	55
19125123	25	106,2	101,33	80	16	55
19126123	26	110,2	105,36	85	20	55
19127123	27	114,2	109,40	85	20	55
19128123	28	118,3	113,42	90	20	55
19129123	29	122,3	117,46	95	20	55
19130123	30	126,3	121,50	100	20	55
19131123	31	130,4	125,54	110	20	55
19132123	32	134,4	129,56	110	20	55
19133123	33	138,4	133,60	110	20	55
19134123	34	142,4	137,64	110	20	55
19135123	35	146,5	141,68	110	20	55
19136123	36	150,6	145,72	120	25	55
19137123	37	154,6	149,76	120	25	55
19138123	38	158,6	153,80	120	25	55
19139123	39	162,7	157,83	120	25	55
19140123	40	166,7	161,87	120	25	55

Material C - 43





>>> Chain sprockets

At www.rodavigo.net

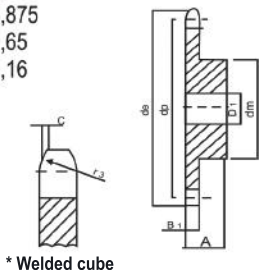
Family: Transmission elements  
Product: Chain sprockets

**Sprockets 5/8 "x3 / 8"**  
15,875x9.65 mm 10 B-1

**Sprockets 5/8 "x3 / 8"**  
15,875x9.65 mm 10 B-2

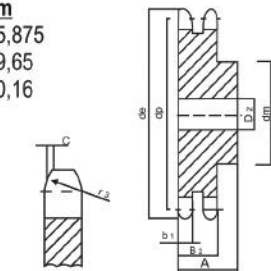
**Sprockets 5/8 "x3 / 8"**  
15,875x9.65 mm 10 B-3

**Sprocket** mm for roller chains  
DIN 8187 ISO / R 606  
Tooth radius  $r_3$  16  
Radius length C 1,6  
Tooth width  $B_1$  9,1  
Tooth width  $b_1$  9  
Tooth width  $B_2$  25,5  
Tooth width  $B_3$  42,1  
**Chain** mm  
Pitch 15,875  
Inner width 9,65  
Roller -  $\varnothing$  10,16



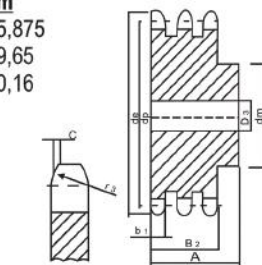
\* Welded cube

**Sprocket** mm for roller chains  
DIN 8187 ISO / R 606  
Tooth radius  $r_3$  16  
Radius length C 1,6  
Tooth width  $B_1$  9,1  
Tooth width  $b_1$  9  
Tooth width  $B_2$  25,5  
Tooth width  $B_3$  42,1  
**Chain** mm  
Pitch 15,875  
Inner width 9,65  
Roller -  $\varnothing$  10,16



\* Welded cube

**Sprocket** mm for roller chains  
DIN 8187 ISO / R 606  
Tooth radius  $r_3$  16  
Radius length C 1,6  
Tooth width  $B_1$  9,1  
Tooth width  $b_1$  9  
Tooth width  $B_2$  25,5  
Tooth width  $B_3$  42,1  
**Chain** mm  
Pitch 15,875  
Inner width 9,65  
Roller -  $\varnothing$  10,16



\* Welded cube

Code	Dimensions				
	Z	d <sub>e</sub>	D <sub>p</sub>	S d <sub>m</sub>	D <sub>1</sub> A
	mm				
1918581	8	48,4	41,08	25	10 25
1919581	9	53,3	46,42	30	10 25
19110581	10	58,3	51,37	35	10 25
19111581	11	63,2	56,34	37	12 30
19112581	12	68,2	61,34	42	12 30
19113581	13	73,2	66,32	47	12 30
19114581	14	78,2	71,34	52	12 30
19115581	15	83,2	76,36	57	12 30
19116581	16	88,3	81,37	60	12 30
19117581	17	93,3	86,39	60	12 30
19118581	18	98,3	91,42	70	14 30
19119581	19	103,3	96,45	70	14 30
19120581	20	108,4	101,49	75	14 30
19121581	21	113,4	106,52	75	16 30
19122581	22	118,4	111,55	80	16 30
19123581	23	123,5	116,58	80	16 30
19124581	24	128,5	121,62	80	16 30
19125581	25	133,6	126,66	80	16 30
19126581	26	138,6	131,70	85	20 35
19127581	27	143,6	136,75	85	20 35
19128581	28	148,7	141,78	90	20 35
19129581	29	153,7	146,83	90	20 35
19130581	30	158,8	151,87	90	20 35
19131581	31	163,8	156,92	95	20 35
19132581	32	168,9	161,95	95	20 35
19133581	33	173,9	167,00	95	20 35
19134581	34	178,9	172,05	95	20 35
19135581	35	184,0	177,10	95	20 35
19136581	36	189,0	182,15	100	20 35
19137581	37	194,1	187,20	100	20 35
19138581	38	199,1	192,24	100	20 35
19139581	39	204,2	197,29	100	20 35
19140581	40	209,2	202,34	100	20 35

Material C - 43  
\*Material Fe

Code	Dimensions				
	Z	d <sub>e</sub>	D <sub>p</sub>	D d <sub>m</sub>	D <sub>2</sub> A
	mm				
1918582	8	48,4	41,08	25	12 40
1919582	9	53,3	46,42	30	12 40
19110582	10	58,3	51,37	35	12 40
19111582	11	63,2	56,34	39	16 40
19112582	12	68,2	61,34	44	16 40
19113582	13	73,2	66,32	49	16 40
19114582	14	78,2	71,34	54	16 40
19115582	15	83,2	76,36	59	16 40
19116582	16	88,3	81,37	64	16 45
19117582	17	93,3	86,39	69	16 45
19118582	18	98,3	91,42	74	16 45
19119582	19	103,3	96,45	79	16 45
19120582	20	108,4	101,49	84	16 45
19121582	21	113,4	106,52	85	16 45
19122582	22	118,4	111,55	90	16 45
19123582	23	123,5	116,58	95	16 45
19124582	24	128,5	121,62	100	16 45
19125582	25	133,6	126,66	105	16 45
19126582	26	138,6	131,70	110	20 45
19127582	27	143,6	136,75	110	20 45
19128582	28	148,7	141,78	115	20 45
19129582	29	153,7	146,83	115	20 45
19130582	30	158,8	151,87	120	20 45
19131582	31	163,8	156,92	*120	20 45
19132582	32	168,9	161,95	*120	20 45
19133582	33	173,9	167,00	*120	20 45
19134582	34	178,9	172,05	*120	20 45
19135582	35	184,0	177,10	*120	20 45
19136582	36	189,0	182,15	*120	20 45
19137582	37	194,1	187,20	*120	20 45
19138582	38	199,1	192,24	*120	20 45
19139582	39	204,2	197,29	*120	20 45
19140582	40	209,2	202,34	*120	20 45

Material C - 43  
\*Material Fe

Code	Dimensions				
	Z	d <sub>e</sub>	D <sub>p</sub>	T d <sub>m</sub>	D <sub>3</sub> A
	mm				
1918583	8	48,4	41,08	25	12 55
1919583	9	53,3	46,42	30	12 55
19110583	10	58,3	51,37	35	12 55
19111583	11	63,2	56,34	39	16 55
19112583	12	68,2	61,34	44	16 55
19113583	13	73,2	66,32	49	16 55
19114583	14	78,2	71,34	54	16 55
19115583	15	83,2	76,36	59	16 55
19116583	16	88,3	81,37	64	16 60
19117583	17	93,3	86,39	69	16 60
19118583	18	98,3	91,42	74	16 60
19119583	19	103,3	96,45	79	16 60
19120583	20	108,4	101,49	84	16 60
19121583	21	113,4	106,52	85	20 60
19122583	22	118,4	111,55	90	20 60
19123583	23	123,5	116,58	95	20 60
19124583	24	128,5	121,62	100	20 60
19125583	25	133,6	126,66	105	20 60
19126583	26	138,6	131,70	110	20 60
19127583	27	143,6	136,75	110	20 60
19128583	28	148,7	141,78	115	20 60
19129583	29	153,7	146,83	115	20 60
19130583	30	158,8	151,87	120	20 60
19131583	31	163,8	156,92	*120	20 60
19132583	32	168,9	161,95	*120	20 60
19133583	33	173,9	167,00	*120	20 60
19134583	34	178,9	172,05	*120	20 60
19135583	35	184,0	177,10	*120	20 60
19136583	36	189,0	182,15	*120	25 60
19137583	37	194,1	187,20	*120	25 60
19138583	38	199,1	192,24	*120	25 60
19139583	39	204,2	197,29	*120	25 60
19140583	40	209,2	202,34	*120	25 60

Material C - 43  
\*Material Fe



# TRANSMISSION ELEMENTS

At [www.rodavigo.net](http://www.rodavigo.net)

Family: Transmission elements  
Product: Chain sprockets

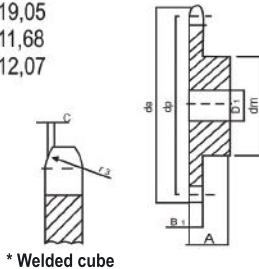
## >>> Chain sprockets

**Sprockets 3/4 "x7 / 16"**  
**19.05x11.68 mm 12 B-1**

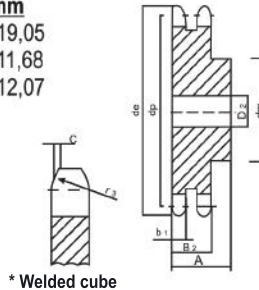
**Sprockets 3/4 "x7 / 16"**  
**19.05x11.68 mm 12 B-2**

**Sprockets 3/4 "x7 / 16"**  
**19.05x11.68 mm 12 B-3**

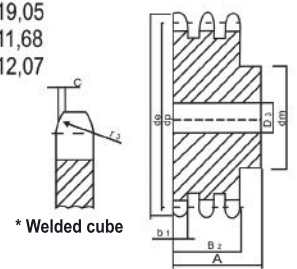
Sprocket	mm	for roller chains
Tooth radius $r_3$	19	DIN 8187 ISO / R 606
Radius length C	2	
Tooth width $B_1$	11,2	
Tooth width $b_1$	10,8	
Tooth width $B_2$	30,3	
Tooth width $B_3$	49,8	
Chain	mm	
Pitch $\emptyset$	19,05	
Inner width	11,68	
Roller - $\emptyset$	12,07	



Sprocket	mm	for roller chains
Tooth radius $r_3$	19	DIN 8187 ISO / R 606
Radius length C	2	
Tooth width $B_1$	11,2	
Tooth width $b_1$	10,8	
Tooth width $B_2$	30,3	
Tooth width $B_3$	49,8	
Chain	mm	
Pitch $\emptyset$	19,05	
Inner width	11,68	
Roller - $\emptyset$	12,07	



Sprocket	mm	for roller chains
Tooth radius $r_3$	19	DIN 8187 ISO / R 606
Radius length C	2	
Tooth width $B_1$	11,2	
Tooth width $b_1$	10,8	
Tooth width $B_2$	30,3	
Tooth width $B_3$	49,8	
Chain	mm	
Pitch $\emptyset$	19,05	
Inner width	11,68	
Roller - $\emptyset$	12,07	



Code	Dimensions					
	Z	de	Dp	S	D1	A
	mm					
1918341	8	58,0	49,78	31	12	30
1919341	9	63,9	55,70	37	12	30
19110341	10	69,8	61,64	42	12	30
19111341	11	75,8	67,61	46	16	35
19112341	12	81,8	73,60	52	16	35
19113341	13	87,8	79,59	58	16	35
19114341	14	93,8	85,61	64	16	35
19115341	15	99,8	91,63	70	16	35
19116341	16	105,8	97,65	75	16	35
19117341	17	111,9	103,67	80	16	35
19118341	18	117,9	109,71	80	16	35
19119341	19	123,0	115,71	80	16	35
19120341	20	130,0	121,78	80	16	35
19121341	21	136,0	127,82	90	20	40
19122341	22	142,0	133,86	90	20	40
19123341	23	148,1	133,90	90	20	40
19124341	24	154,1	145,94	90	20	40
19125341	25	160,2	152,00	90	20	40
19126341	26	166,2	158,04	95	20	40
19127341	27	172,3	164,09	95	20	40
19128341	28	178,3	170,13	95	20	40
19129341	29	184,4	176,19	95	20	40
19130341	30	190,4	182,25	95	20	40
19131341	31	196,5	188,31	95	20	40
19132341	32	202,5	194,35	95	20	40
19133341	33	208,6	200,40	95	20	40
19134341	34	214,6	206,46	95	20	40
19135341	35	220,7	212,52	95	20	40
19136341	36	226,8	218,58	100	20	40
19137341	37	232,8	224,64	100	20	40
19138341	38	238,9	230,69	100	20	40
19139341	39	244,9	236,75	100	20	40
19140341	40	251,0	242,81	100	20	40

Material C - 43  
\*Material Fe

Code	Dimensions					
	Z	de	Dp	D	D2	A
	mm					
1918342	8	58,0	49,78	31	12	45
1919342	9	63,9	55,70	37	12	45
19110342	10	69,8	61,64	42	12	45
19111342	11	75,8	67,61	47	16	50
19112342	12	81,8	73,60	53	16	50
19113342	13	87,8	79,59	59	16	50
19114342	14	93,8	85,61	65	16	50
19115342	15	99,8	91,63	71	16	50
19116342	16	105,8	97,65	77	20	50
19117342	17	111,9	103,67	83	20	50
19118342	18	117,9	109,71	89	20	50
19119342	19	123,0	115,71	95	20	50
19120342	20	130,0	121,78	100	20	50
19121342	21	136,0	127,82	100	20	50
19122342	22	142,0	133,86	100	20	50
19123342	23	148,1	133,90	110	20	50
19124342	24	154,1	145,94	110	20	50
19125342	25	160,2	152,00	120	20	50
19126342	26	166,2	158,04	120	20	50
19127342	27	172,3	164,09	120	20	50
19128342	28	178,3	170,13	120	20	50
19129342	29	184,4	176,19	120	20	50
19130342	30	190,4	182,25	120	20	50
19131342	31	196,5	188,31	*120	20	50
19132342	32	202,5	194,35	*120	20	50
19133342	33	208,6	200,40	*120	20	50
19134342	34	214,6	206,46	*120	20	50
19135342	35	220,7	212,52	*120	20	50
19136342	36	226,8	218,58	*120	25	50
19137342	37	232,8	224,64	*120	25	50
19138342	38	238,9	230,69	*120	25	50
19139342	39	244,9	236,75	*120	25	50
19140342	40	251,0	242,81	*120	25	50

Material C - 43  
\*Material Fe

Code	Dimensions					
	Z	de	Dp	T	D3	A
	mm					
1918343	8	58,0	49,78	31	16	65
1919343	9	63,9	55,70	37	16	65
19110343	10	69,8	61,64	42	16	65
19111343	11	75,8	67,61	47	20	70
19112343	12	81,8	73,60	53	20	70
19113343	13	87,8	79,59	59	20	70
19114343	14	93,8	85,61	65	20	70
19115343	15	99,8	91,63	71	20	70
19116343	16	105,8	97,65	77	20	70
19117343	17	111,9	103,67	83	20	70
19118343	18	117,9	109,71	89	20	70
19119343	19	123,0	115,71	95	20	70
19120343	20	130,0	121,78	100	20	70
19121343	21	136,0	127,82	100	20	70
19122343	22	142,0	133,86	100	20	70
19123343	23	148,1	133,90	110	20	70
19124343	24	154,1	145,94	110	20	70
19125343	25	160,2	152,00	120	20	70
19126343	26	166,2	158,04	120	20	70
19127343	27	172,3	164,09	120	20	70
19128343	28	178,3	170,13	120	20	70
19129343	29	184,4	176,19	120	20	70
19130343	30	190,4	182,25	120	20	70
19131343	31	196,5	188,31	*130	25	70
19132343	32	202,5	194,35	*130	25	70
19133343	33	208,6	200,40	*130	25	70
19134343	34	214,6	206,46	*130	25	70
19135343	35	220,7	212,52	*130	25	70
19136343	36	226,8	218,58	*130	25	70
19137343	37	232,8	224,64	*130	25	70
19138343	38	238,9	230,69	*130	25	70
19139343	39	244,9	236,75	*130	25	70
19140343	40	251,0	242,81	*130	25	70

Material C - 43  
\*Material Fe





>>> Chain sprockets

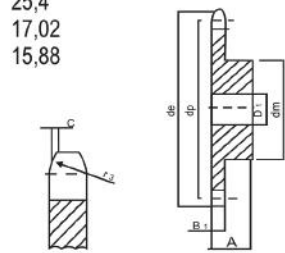
At www.rodavigo.net Family: Transmission elements  
Product: Chain sprockets

**Sprockets 1"x17.02 mm**  
25.4x17.02 mm 16 B-1

**Sprockets 1"x17.02 mm**  
25.4x17.02 mm 16 B-2

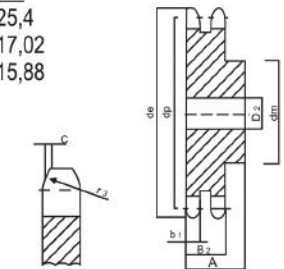
**Sprockets 1"x17.02 mm**  
25.4x17.02 mm 16 B-3

**Sprocket mm** for roller chains  
DIN 8187 ISO / R 606  
Tooth radius  $r_3$  26  
Radius length C 2,5  
Tooth width  $B_1$  16,2  
Tooth width  $b_1$  15,8  
Tooth width  $B_2$  47,7  
Tooth width  $B_3$  79,6  
**Chain mm**  
Pitch 25,4  
Inner width 17,02  
Roller - Ø 15,88



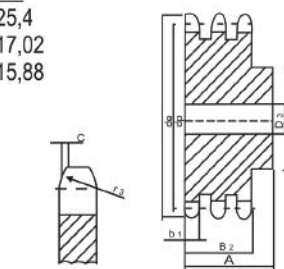
\* Welded cube

**Sprocket mm** for roller chains  
DIN 8187 ISO / R 606  
Tooth radius  $r_3$  26  
Radius length C 2,5  
Tooth width  $B_1$  16,2  
Tooth width  $b_1$  15,8  
Tooth width  $B_2$  47,7  
Tooth width  $B_3$  79,6  
**Chain mm**  
Pitch 25,4  
Inner width 17,02  
Roller - Ø 15,88



\* Welded cube

**Sprocket mm** for roller chains  
DIN 8187 ISO / R 606  
Tooth radius  $r_3$  26  
Radius length C 2,5  
Tooth width  $B_1$  16,2  
Tooth width  $b_1$  15,8  
Tooth width  $B_2$  47,7  
Tooth width  $B_3$  79,6  
**Chain mm**  
Pitch 25,4  
Inner width 17,02  
Roller - Ø 15,88



\* Welded cube

Code	Dimensions					
	Z	de	Dp	S dm	D1	A
mm						
191811	8	77,9	66,37	42	16	35
191911	9	85,8	74,27	50	16	35
1911011	10	93,8	82,19	55	16	35
1911111	11	101,7	90,14	61	16	40
1911211	12	109,7	98,14	69	16	40
1911311	13	117,7	106,12	78	16	40
1911411	14	125,7	114,15	84	16	40
1911511	15	133,7	122,17	92	16	40
1911611	16	141,8	130,20	100	20	45
1911711	17	149,8	138,22	100	20	45
1911811	18	157,8	146,28	100	20	45
1911911	19	165,9	154,33	100	20	45
1912011	20	173,9	168,38	100	20	45
1912111	21	182,0	170,43	110	20	50
1912211	22	190,1	178,48	110	20	50
1912311	23	198,1	186,53	110	20	50
1912411	24	206,2	194,59	110	20	50
1912511	25	214,2	202,66	110	20	50
1912611	26	222,3	210,72	120	20	50
1912711	27	230,4	218,79	120	20	50
1912811	28	238,4	226,85	120	20	50
1912911	29	246,5	234,92	120	20	50
1913011	30	254,6	243,00	120	20	50
1913111	31	262,6	251,08	*120	25	50
1913211	32	270,7	259,13	*120	25	50
1913311	33	278,8	267,21	*120	25	50
1913411	34	286,9	275,28	*120	25	50
1913511	35	294,9	283,36	*120	25	50
1913611	36	303,0	291,44	*120	25	50
1913711	37	311,1	299,51	*120	25	50
1913811	38	319,2	307,59	*120	25	50
1913911	39	327,2	315,67	*120	25	50
1914011	40	335,3	323,73	*120	25	50

Material C - 43  
\*Material Fe

Code	Dimensions					
	Z	de	Dp	D dm	D2	A
mm						
191812	8	77,9	66,37	42	20	65
191912	9	85,8	74,27	50	20	65
1911012	10	93,8	82,19	56	20	65
1911112	11	101,7	90,14	64	20	70
1911212	12	109,7	98,14	72	20	70
1911312	13	117,7	106,12	80	20	70
1911412	14	125,7	114,15	88	20	70
1911512	15	133,7	122,17	96	20	70
1911612	16	141,8	130,20	104	20	70
1911712	17	149,8	138,22	112	20	70
1911812	18	157,8	146,28	120	20	70
1911912	19	165,9	154,33	128	20	70
1912012	20	173,9	168,38	130	20	70
1912112	21	182,0	170,43	130	25	70
1912212	22	190,1	178,48	*130	25	70
1912312	23	198,1	186,53	*130	25	70
1912412	24	206,2	194,59	*130	25	70
1912512	25	214,2	202,66	*130	25	70
1912612	26	222,3	210,72	*130	25	70
1912712	27	230,4	218,79	*130	25	70
1912812	28	238,4	226,85	*130	25	70
1912912	29	246,5	234,92	*130	25	70
1913012	30	254,6	243,00	*130	25	70
1913112	31	262,6	251,08	*140	25	70
1913212	32	270,7	259,13	*140	25	70
1913312	33	278,8	267,21	*140	25	70
1913412	34	286,9	275,28	*140	25	70
1913512	35	294,9	283,36	*140	25	70
1913612	36	303,0	291,44	*140	25	70
1913712	37	311,1	299,51	*140	25	70
1913812	38	319,2	307,59	*140	25	70
1913912	39	327,2	315,67	*140	25	70
1914012	40	335,3	323,73	*140	25	70

Material C - 43  
\*Material Fe

Code	Dimensions					
	Z	de	Dp	T dm	D3	A
mm						
191813	8	77,9	66,37	42	20	95
191913	9	85,8	74,27	50	20	95
1911013	10	93,8	82,19	56	20	95
1911113	11	101,7	90,14	64	25	100
1911213	12	109,7	98,14	72	25	100
1911313	13	117,7	106,12	80	25	100
1911413	14	125,7	114,15	88	25	100
1911513	15	133,7	122,17	96	25	100
1911613	16	141,8	130,20	104	25	100
1911713	17	149,8	138,22	112	25	100
1911813	18	157,8	146,28	120	25	100
1911913	19	165,9	154,33	128	25	100
1912013	20	173,9	168,38	130	25	100
1912113	21	182,0	170,43	*130	25	100
1912213	22	190,1	178,48	*130	25	100
1912313	23	198,1	186,53	*130	25	100
1912413	24	206,2	194,59	*130	25	100
1912513	25	214,2	202,66	*130	25	100
1912613	26	222,3	210,72	*130	30	100
1912713	27	230,4	218,79	*130	30	100
1912813	28	238,4	226,85	*130	30	100
1912913	29	246,5	234,92	*130	30	100
1913013	30	254,6	243,00	*130	30	100
1913113	31	262,6	251,08	*140	30	100
1913213	32	270,7	259,13	*140	30	100
1913313	33	278,8	267,21	*140	30	100
1913413	34	286,9	275,28	*140	30	100
1913513	35	294,9	283,36	*140	30	100
1913613	36	303,0	291,44	*140	30	100
1913713	37	311,1	299,51	*140	30	100
1913813	38	319,2	307,59	*140	30	100
1913913	39	327,2	315,67	*140	30	100
1914013	40	335,3	323,73	*140	30	100

Material C - 43  
\*Material Fe



# TRANSMISSION ELEMENTS

At [www.rodavigo.net](http://www.rodavigo.net) Family: Transmission elements  
Product: Chain sprockets

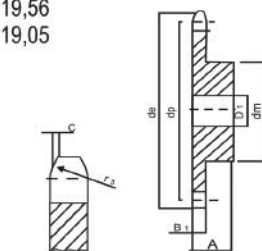
## >>> Chain sprockets

**Sprockets 1 1/4 "x3 / 4"**  
31.75x19.56 mm 20 B-1

**Sprockets 1 1/4 "x3 / 4"**  
31.75x19.56 mm 20 B-2

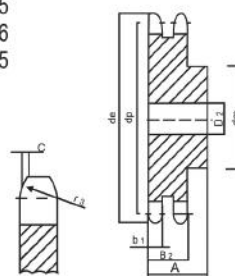
**Sprockets 1 1/4 "x3 / 4"**  
31.75x19.56 mm 20 B-3

Sprocket	mm	for roller chains
Tooth radius $r_3$	32	DIN 8187 ISO / R 606
Radius length C	3,5	
Tooth width $B_1$	18,5	
Tooth width $b_1$	18,2	
Tooth width $B_2$	54,6	
Tooth width $B_3$	91	
Chain	mm	
Pitch $\emptyset$	31,75	
Inner width	19,56	
Roller - $\emptyset$	19,05	



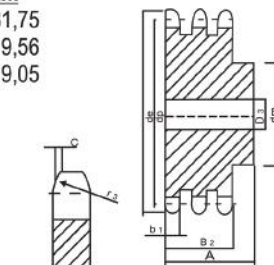
\* Welded cube

Sprocket	mm	for roller chains
Tooth radius $r_3$	32	DIN 8187 ISO / R 606
Radius length C	3,5	
Tooth width $B_1$	18,5	
Tooth width $b_1$	18,2	
Tooth width $B_2$	54,6	
Tooth width $B_3$	91	
Chain	mm	
Pitch $\emptyset$	31,75	
Inner width	19,56	
Roller - $\emptyset$	19,05	



\* Welded cube

Sprocket	mm	for roller chains
Tooth radius $r_3$	32	DIN 8187 ISO / R 606
Radius length C	3,5	
Tooth width $B_1$	18,5	
Tooth width $b_1$	18,2	
Tooth width $B_2$	54,6	
Tooth width $B_3$	91	
Chain	mm	
Pitch $\emptyset$	31,75	
Inner width	19,56	
Roller - $\emptyset$	19,05	



\* Welded cube

Code	Dimensions				
	Z	de	Dp	S	A
	mm			dm	D1

19181141	8	96,0	82,96	53	20	40
19191141	9	106,5	92,84	63	20	40
191101141	10	117,0	102,74	70	20	40
191111141	11	127,0	112,68	77	20	45
191121141	12	137,0	122,68	88	20	45
191131141	13	147,5	132,65	98	20	45
191141141	14	157,6	142,68	108	20	45
191151141	15	167,7	152,72	118	20	45
191161141	16	177,7	162,75	120	25	50
191171141	17	187,7	172,68	120	25	50
191181141	18	197,8	182,85	120	25	50
191191141	19	207,9	192,91	120	25	50
191201141	20	217,9	202,98	120	25	50
191211141	21	228,0	213,04	140	25	55
191221141	22	238,1	223,11	140	25	55
191231141	23	248,2	233,17	140	25	55
191241141	24	258,3	243,23	140	25	55
191251141	25	268,4	253,33	140	25	55
191261141	26	278,4	263,40	*150	30	55
191271141	27	288,5	273,48	*150	30	55
191281141	28	298,5	283,56	*150	30	55
191291141	29	308,6	293,65	*150	30	55
191301141	30	318,7	303,65	*150	30	55
191311141	31	328,8	313,85	*150	30	55
191321141	32	338,9	323,91	*150	30	55
191331141	33	349,0	334,01	*150	30	55
191341141	34	359,1	344,10	*150	30	55
191351141	35	369,2	354,20	*150	30	55
191361141	36	379,2	364,30	*150	30	55
191371141	37	389,3	374,39	*150	30	55
191381141	38	399,4	384,49	*150	30	55
191391141	39	409,5	394,59	*150	30	55
191401141	40	419,6	404,66	*150	30	55

Material C - 43  
\*Material Fe

Code	Dimensions				
	Z	de	Dp	D	A
	mm			dm	D2

19181142	8	96,0	82,96	53	20	75
19191142	9	106,5	92,84	63	20	75
191101142	10	117,0	102,74	70	20	75
191111142	11	127,0	112,68	80	25	80
191121142	12	137,0	122,68	90	25	80
191131142	13	147,5	132,65	100	25	80
191141142	14	157,6	142,68	110	25	80
191151142	15	167,7	152,72	120	25	80
191161142	16	177,7	162,75	120	30	80
191171142	17	187,7	172,68	120	30	80
191181142	18	197,8	182,85	*120	30	80
191191142	19	207,9	192,91	*120	30	80
191201142	20	217,9	202,98	*120	30	80
191211142	21	228,0	213,04	*140	30	80
191221142	22	238,1	223,11	*140	30	80
191231142	23	248,2	233,17	*140	30	80
191241142	24	258,3	243,23	*140	30	80
191251142	25	268,4	253,33	*140	30	80
191261142	26	278,4	263,40	*150	30	80
191271142	27	288,5	273,48	*150	30	80
191281142	28	298,5	283,56	*150	30	80
191291142	29	308,6	293,65	*150	30	80
191301142	30	318,7	303,65	*150	30	80
191311142	31	328,8	313,85	*150	30	80
191321142	32	338,9	323,91	*150	30	80
191331142	33	349,0	334,01	*150	30	80
191341142	34	359,1	344,10	*150	30	80
191351142	35	369,2	354,20	*150	30	80
191361142	36	379,2	364,30	*150	30	80
191371142	37	389,3	374,39	*150	30	80
191381142	38	399,4	384,49	*150	30	80
191391142	39	409,5	394,59	*150	30	80
191401142	40	419,6	404,66	*150	30	80

Material C - 43  
\*Material Fe

Code	Dimensions				
	Z	de	Dp	T	A
	mm			dm	D3

19181143	8	96,0	82,96	53	25	110
19191143	9	106,5	92,84	63	25	110
191101143	10	117,0	102,74	70	25	110
191111143	11	127,0	112,68	80	30	115
191121143	12	137,0	122,68	90	30	115
191131143	13	147,5	132,65	100	30	115
191141143	14	157,6	142,68	110	30	115
191151143	15	167,7	152,72	120	30	115
191161143	16	177,7	162,75	120	30	115
191171143	17	187,7	172,68	120	30	115
191181143	18	197,8	182,85	*120	30	115
191191143	19	207,9	192,91	*120	30	115
191201143	20	217,9	202,98	*120	30	115
191211143	21	228,0	213,04	*140	30	115
191221143	22	238,1	223,11	*140	30	115
191231143	23	248,2	233,17	*140	30	115
191241143	24	258,3	243,23	*140	30	115
191251143	25	268,4	253,33	*140	30	115
191261143	26	278,4	263,40	*150	30	115
191271143	27	288,5	273,48	*150	30	115
191281143	28	298,5	283,56	*150	30	115
191291143	29	308,6	293,65	*150	30	115
191301143	30	318,7	303,65	*150	30	115
191311143	31	328,8	313,85	*150	30	115
191321143	32	338,9	323,91	*150	30	115
191331143	33	349,0	334,01	*150	30	115
191341143	34	359,1	344,10	*150	30	115
191351143	35	369,2	354,20	*150	30	115
191361143	36	379,2	364,30	*150	30	115
191371143	37	389,3	374,39	*150	30	115
191381143	38	399,4	384,49	*150	30	115
191391143	39	409,5	394,59	*150	30	115
191401143	40	419,6	404,66	*150	30	115

Material C - 43  
\*Material Fe





>>> Chain sprockets

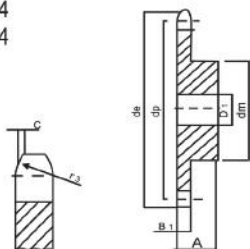
At www.rodavigo.net Family: Transmission elements  
Product: Chain sprockets

**Sprockets 1 1/2 "x1"**  
38.1x25.4mm 24 B-1

**Sprockets 1 1/2 "x1"**  
38.1x25.4mm 24 B-2

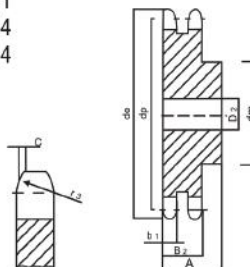
**Sprockets 1 1/2 "x1"**  
38.1x25.4 mm 24 B-3

Sprocket	mm	for roller chains
Tooth radius $r_3$	38	DIN 8187 ISO / R 606
Radius length C	4	
Tooth width $B_1$	24,1	
Tooth width $b_1$	23,6	
Tooth width $B_2$	72	
Tooth width $B_3$	120,3	
Chain	mm	
Pitch	38,1	
Inner width	25,4	
Roller - $\varnothing$	25,4	



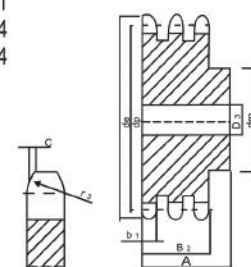
\* Welded cube

Sprocket	mm	for roller chains
Tooth radius $r_3$	38	DIN 8187 ISO / R 606
Radius length C	4	
Tooth width $B_1$	24,1	
Tooth width $b_1$	23,6	
Tooth width $B_2$	72	
Tooth width $B_3$	120,3	
Chain	mm	
Pitch	38,1	
Inner width	25,4	
Roller - $\varnothing$	25,4	



\* Welded cube

Sprocket	mm	for roller chains
Tooth radius $r_3$	38	DIN 8187 ISO / R 606
Radius length C	4	
Tooth width $B_1$	24,1	
Tooth width $b_1$	23,6	
Tooth width $B_2$	72	
Tooth width $B_3$	120,3	
Chain	mm	
Pitch	38,1	
Inner width	25,4	
Roller - $\varnothing$	25,4	



\* Welded cube

Code	Dimensions				
	Z	d <sub>e</sub>	D <sub>p</sub>	S	A

	mm				
19181121	8	113,0	99,50	58	20 45
19191121	9	125,0	111,40	70	20 45
191101121	10	137,0	123,29	80	20 45
191111121	11	149,0	135,21	90	25 50
191121121	12	161,0	147,22	102	25 50
191131121	13	173,0	159,18	114	25 50
191141121	14	185,0	171,22	128	25 50
191151121	15	197,0	183,26	132	25 50
191161121	16	209,0	195,30	*136	25 55
191171121	17	221,0	207,34	*136	25 55
191181121	18	233,0	219,42	*136	25 55
191191121	19	245,5	231,49	*136	25 55
191201121	20	257,5	243,57	*136	25 55
191211121	21	270,5	255,65	*150	30 60
191221121	22	282,5	267,73	*150	30 60
191231121	23	249,5	279,80	*150	30 60
191241121	24	307,0	291,88	*150	30 60
191251121	25	319,0	304,00	*150	30 60
191261121	26	331,0	316,08	*150	30 60
191271121	27	343,0	328,19	*150	30 60
191281121	28	355,0	340,27	*150	30 60
191291121	29	367,5	352,38	*150	30 60
191301121	30	379,5	364,50	*150	30 60
191311121	31	391,5	376,62	*150	30 60
191321121	32	403,5	388,69	*150	30 60
191331121	33	415,5	400,81	*150	30 60
191341121	34	428,0	412,83	*150	30 60
191351121	35	440,0	425,04	*150	30 60
191361121	36	452,0	437,16	*150	30 60
191371121	37	464,0	449,27	*150	30 60
191381121	38	476,5	461,39	*150	30 60
191391121	39	488,5	473,50	*150	30 60
191401121	40	501,5	485,62	*150	30 60

Material C - 43  
\*Material Fe

Code	Dimensions				
	Z	d <sub>e</sub>	D <sub>p</sub>	D	A

	mm				
19181122	8	113,0	99,50	58	25 95
19191122	9	125,0	111,40	70	25 95
191101122	10	137,0	123,29	80	25 95
191111122	11	149,0	135,21	90	25 100
191121122	12	161,0	147,22	102	25 100
191131122	13	173,0	159,18	114	25 100
191141122	14	185,0	171,22	128	25 100
191151122	15	197,0	183,26	132	25 100
191161122	16	209,0	195,30	*136	30 100
191171122	17	221,0	207,34	*136	30 100
191181122	18	233,0	219,42	*160	30 100
191191122	19	245,5	231,49	*160	30 100
191201122	20	257,5	243,57	*160	30 100
191211122	21	270,5	255,65	*160	30 100
191221122	22	282,5	267,73	*160	30 100
191231122	23	249,5	279,80	*160	30 100
191241122	24	307,0	291,88	*160	30 100
191251122	25	319,0	304,00	*160	30 100
191261122	26	331,0	316,08	*160	30 100
191271122	27	343,0	328,19	*160	30 100
191281122	28	355,0	340,27	*160	30 100
191291122	29	367,5	352,38	*160	30 100
191301122	30	379,5	364,50	*160	30 100
191311122	31	391,5	376,62	*160	40 100
191321122	32	403,5	388,69	*160	40 100
191331122	33	415,5	400,81	*160	40 100
191341122	34	428,0	412,83	*160	40 100
191351122	35	440,0	425,04	*160	40 100
191361122	36	452,0	437,16	*160	40 100
191371122	37	464,0	449,27	*160	40 100
191381122	38	476,5	461,39	*160	40 100
191391122	39	488,5	473,50	*160	40 100
191401122	40	501,5	485,62	*160	40 100

Material C - 43  
\*Material Fe

Code	Dimensions				
	Z	d <sub>e</sub>	D <sub>p</sub>	T	A

	mm				
19181123	8	113,0	99,50	58	25 140
19191123	9	125,0	111,40	70	25 140
191101123	10	137,0	123,29	80	25 140
191111123	11	149,0	135,21	90	30 150
191121123	12	161,0	147,22	102	30 150
191131123	13	173,0	159,18	114	30 150
191141123	14	185,0	171,22	128	30 150
191151123	15	197,0	183,26	132	30 150
191161123	16	209,0	195,30	*136	30 150
191171123	17	221,0	207,34	*136	30 150
191181123	18	233,0	219,42	*160	30 150
191191123	19	245,5	231,49	*160	30 150
191201123	20	257,5	243,57	*160	30 150
191211123	21	270,5	255,65	*160	40 150
191221123	22	282,5	267,73	*160	40 150
191231123	23	249,5	279,80	*160	40 150
191241123	24	307,0	291,88	*160	40 150
191251123	25	319,0	304,00	*160	40 150
191261123	26	331,0	316,08	*160	40 150
191271123	27	343,0	328,19	*160	40 150
191281123	28	355,0	340,27	*160	40 150
191291123	29	367,5	352,38	*160	40 150
191301123	30	379,5	364,50	*160	40 150
191311123	31	391,5	376,62	*160	40 150
191321123	32	403,5	388,69	*160	40 150
191331123	33	415,5	400,81	*160	40 150
191341123	34	428,0	412,83	*160	40 150
191351123	35	440,0	425,04	*160	40 150
191361123	36	452,0	437,16	*160	40 150
191371123	37	464,0	449,27	*160	40 150
191381123	38	476,5	461,39	*160	40 150
191391123	39	488,5	473,50	*160	40 150
191401123	40	501,5	485,62	*160	40 150

Material C - 43  
\*Material Fe



At [www.rodavigo.net](http://www.rodavigo.net) Family: Transmission elements  
Product: Sprockets for taper

## >>> Chain sprockets with tapered bore



fig.1



fig.2



fig.3



### Simplex tapered bushing sprockets

Code	Z	Core	Fig.	Cube diam. Dm	Total width A	Pitch	Code	Z	Core	Fig.	Cube diam. Dm	Total width A	Pitch
194173811008	17	1008	1	44,5	22	3/8" 06-B	194285812012	28	2012	1	90	32	5/8 "10-B
194183811008	18	1008	1	45	22		194305812012	30	2012	1	90	32	
194193811008	19	1008	1	46	22		194385812012	38	2012	1	102	32	
194203811008	20	1008	1	46	22		194455812012	45	2012	1	111	32	
194213811008	21	1008	1	46	22		194575812012	57	2012	1	111	32	
194223811108	22	1108	1	52	22		194765812012	76	2012	1	111	32	
194233811210	23	1210	1	62	25		194955812517	95	2517	1	124	45	
194243811210	24	1210	1	63	25		1941145812517	114	2517	1	124	45	
194253811210	25	1210	1	63	25		194133411210	13	1210	1	63	25	3/4" 12-B
194263811210	26	1210	1	63	25		194143411210	14	1210	1	71	25	
194273811210	27	1210	1	63	25		194153411610	15	1610	1	71	25	
194283811210	28	1210	1	63	25		194163411610	16	1610	1	75	25	
194303811210	30	1210	1	63	25		194173411610	17	1610	1	76	25	
194383811210	38	1210	1	73	25		194183412012	18	2012	1	90	32	
194453811210	45	1210	1	73	25		194193412012	19	2012	1	90	32	
194573811210	57	1210	1	83	25		194203412012	20	2012	1	90	32	
194763811210	76	1210	1	83	25		194213412517	21	2517	1	102	45	
194953811210	95	1210	1	83	25		194223412517	22	2517	1	102	45	
1941143811210	114	1210	1	83	38		194233412517	23	2517	1	108	45	
194153811008	15	1008	1	46	22		194243412517	24	2517	1	108	45	
194161211108	16	1108	1	52	22	1/2" 08-B	194253412517	25	2517	1	108	45	
194171211210	17	1210	1	59,5	25		194263412517	26	2517	1	108	45	
194181211210	18	1210	1	60	25		194273412517	27	2517	1	108	45	
194191211210	19	1210	1	63	25		194283412517	28	2517	1	108	45	
194201211610	20	1610	1	71	25		194303412517	30	2517	1	108	45	
194211211610	21	1610	1	71	25		194383412517	38	2517	1	124	45	
194221211610	22	1610	1	76	25		194453412517	45	2517	1	124	45	
194231211610	23	1610	1	76	25		194573412517	57	2517	1	124	45	
194241211610	24	1610	1	76	25		194763412517	76	2517	1	124	45	
194251211610	25	1610	1	76	25		194953412517	95	2517	1	124	45	
194261211610	26	1610	1	76	25		1941143412525	114	2525	1	124	63	
194271211610	27	1610	1	76	25		19413111615	13	1615	1	78	25	1"16-B
194281211610	28	1610	1	90	32		19414111615	14	1615	1	78	25	
194301212012	30	2012	1	90	32		19415111615	15	1615	1	78	25	
194381212012	38	2012	1	102	32		19416112012	16	2012	1	90	32	
194451212012	45	2012	1	102	32		19417112012	17	2012	1	90	32	
194571212012	57	2012	1	111	32		19418112517	18	2517	1	108	45	
194761212012	76	2012	1	111	32		19419112517	19	2517	1	108	45	
194951212012	95	2012	1	111	32		19420112517	20	2517	1	108	45	
1941141212517	114	2517	1	124	45		19421112517	21	2517	1	108	45	
194135811008	13	1008	1	46	22	5/8 "10-B	19422112517	22	2517	1	108	45	
194145811008	14	1008	1	52	22		19423112517	23	2517	1	108	45	
194155811210	15	1210	1	63	25		19424112517	24	2517	1	108	45	
194165811210	16	1210	1	70	25		19425112517	25	2517	1	108	45	
194175811610	17	1610	1	71	25		19426112517	26	2517	1	108	45	
194185811610	18	1610	1	75	25		19427112517	27	2517	1	108	45	
194195811610	19	1610	1	76	25		19428112517	28	2517	1	108	45	
194205811610	20	1610	1	76	25		19430112517	30	2517	1	108	51	
194215811610	21	1610	1	76	25		19438113020	38	3020	1	108	51	
194225811610	22	1610	1	76	25		19445113020	45	3020	1	159	51	
194235811610	23	1610	1	76	25		19457113020	57	3020	1	159	51	
194245812012	24	2012	1	90	32		19476113020	76	3020	1	159	51	
194255812012	25	2012	1	90	32		19495113020	95	3020	1	159	51	
194265812012	26	2012	1	90	32		194114113030	114	3030	1	150	76	
194275812012	27	2012	1	90	32								





## >>> Chain sprockets with tapered bore

### Simplex tapered bushing sprockets

At [www.rodavigo.net](http://www.rodavigo.net)

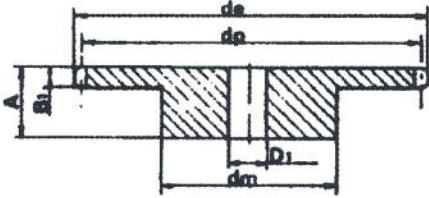
Family: Transmission elements  
Product: Sprockets for taper

Code	Z	Core	Fig.	Cube diam. Dm	Total width A	Pitch	Code	Z	Core	Fig.	Cube diam. Dm	Total width A	Pitch
194173821008	17	1008	2	42,5	22	3/8" 06-B	194153431615	15	1615	3	-	30,3	3/4" 12-B
194183821008	18	1008	2	45	22		194163431610	16	1610	3	-	30,3	
194193821008	19	1008	2	47	22		194173431615	17	1615	3	-	30,3	
194203821008	20	1008	2	48	22		194183421615	18	1615	2	90	30,3	
194213821008	21	1008	2	49	22		194193422012	19	2012	2	95	32	
194223821008	22	1008	2	52	22		194203422012	20	2012	2	108	32	
194233821210	23	1210	2	59	25		194213422517	21	2517	2	108	45	
194243821210	24	1210	2	63	25		194223422517	22	2517	2	108	45	
194253821210	25	1210	2	65	25		194233422517	23	2517	2	108	45	
194263821210	26	1210	2	65	25		194243422517	24	2517	2	108	45	
194273821210	27	1210	2	65	25		194253422517	25	2517	2	108	45	
194283821210	28	1210	2	65	25		194263422517	26	2517	2	108	45	
194303821210	30	1210	2	65	25		194273422517	27	2517	2	108	45	
194383821610	38	1610	2	76	25		194283422517	28	2517	2	108	45	
194453821610	45	1610	2	89	25		194303422517	30	2517	2	108	45	
194573821610	57	1610	2	89	25		194383423020	38	3020	2	152	51	
194763821610	76	1610	2	89	25		194453423020	45	3020	2	154	51	
194953821610	95	1610	2	89	25		194573423020	57	3020	2	159	51	
194151221008	15	1008	2	48	22	1/2" 08-B	194763423020	76	3020	2	159	51	
194161221008	16	1008	2	50	22		194953423020	95	3020	2	159	51	
194171221210	17	1210	2	56	25		19415132012	15	2012	3	-	47,7	1"16-B
194181221210	18	1210	2	60	25		19416132517	16	2517	3	-	47,7	
194191221210	19	1210	2	64	25		19417132517	17	2517	3	-	47,7	
194201221210	20	1210	2	68	25		19418132517	18	2517	3	-	47,7	
194211221610	21	1610	2	71	25		19419133030	19	3030	3	-	47,7	
194221221610	22	1610	2	76	25		19420132517	20	2517	3	-	47,7	
194231221610	23	1610	2	79	25		19421123020	21	3020	2	143	51	
194241221610	24	1610	2	84	32		19422123020	22	3020	2	150	51	
194251222012	25	2012	2	87	32		19423123020	23	3020	2	159	51	
194261222012	26	2012	2	87	32		19424123020	24	3020	2	166	51	
194271222012	27	2012	2	87	32		19425123020	25	3020	2	175	51	
194281222012	28	2012	2	87	32		19426123020	26	3020	2	175	51	
194301222012	30	2012	2	87	32		19427123020	27	3020	2	175	51	
194381222012	38	2012	2	102	32		19428123020	28	3020	2	175	51	
194451222012	45	2012	2	111	32		19430123535	30	3535	2	175	51	
194571222012	57	2012	2	111	32		19438123535	38	3535	2	146	51	
194761222012	76	2012	2	111	32		19445123535	45	3535	2	146	51	
194951222012	95	2012	2	111	32		19457123535	57	3535	2	198	65	
194155831210	15	1210	3	-	25,5	5/8 "10-B	19476123535	76	3535	2	198	65	
194165831210	16	1210	3	-	25,5		19495124040	95	4040	2	216	65	
194175831610	17	1610	3	-	25,5								
194185831610	18	1610	3	-	25,5								
194195831610	19	1610	3	-	25,5								
194205831610	20	1610	3	-	25,5								
194215831610	21	1610	3	-	25,5								
194225831610	22	1610	3	-	25,5								
194235831610	23	1610	3	-	25,5								
194245821610	24	1610	2	90	32								
194255822012	25	2012	2	90	32								
194265822012	26	2012	2	90	32								
194275822012	27	2012	2	90	32								
194285822012	28	2012	2	90	32								
194305822012	30	2012	2	90	32								
194385822517	38	2517	2	108	45								
194455822517	45	2517	2	108	45								
194575822517	57	2517	2	108	45								
194765822517	76	2517	2	108	45								
194955822517	95	2517	2	108	45								

# TRANSMISSION ELEMENTS

At [www.rodavigo.net](http://www.rodavigo.net) Family: Transmission elements  
Product: Stainless chain sprockets

## >>> Stainless chain sprockets



Sprockets for roller chains according to DIN 8187 - ISO / R606  
Material: stainless steel  
AISI 304 L

### Single stainless sprockets

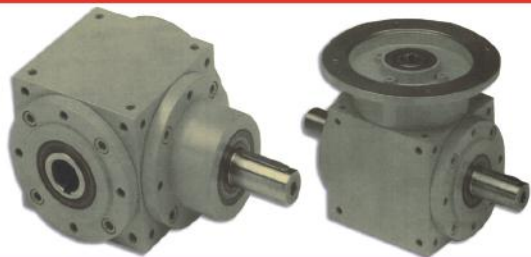
Dimens.	12	13	15	16	17	18	19	20	21	23	25	30	Pitch
<b>Code</b>	-	19013381	19015381	19016381	19017381	19018381	19019381	19020381	19021381	19023381	19025381	19030381	3/8" x 7/32"
de	-	43,0	49,3	52,3	55,3	58,3	61,3	64,3	68,0	73,5	80,0	94,7	
dp	-	39,79	45,81	48,82	51,83	54,85	57,87	60,89	63,91	69,95	76,00	91,12	
dm	-	28	34	37	40	43	45	46	48	52	57	60	
D1	-	10	10	10	10	10	10	10	12	12	12	12	
A	-	25	25	28	28	28	28	28	28	28	28	30	
<b>Code</b>	19012121	19013121	19015121	19016121	19017121	19018121	19019121	19020121	19021121	19023121	19025121	19030121	1/2" x 5/16"
de	53,0	57,9	65,9	69,9	74,0	78,0	82,0	86,0	90,1	98,1	106,2	126,3	
dp	49,07	53,6	61,09	65,10	69,11	73,14	77,16	81,19	85,22	93,27	101,33	121,50	
dm	33	37	45	50	52	56	60	64	68	70	80	80	
D1	10	10	10	12	12	12	12	12	14	14	14	16	
A	28	28	28	28	28	28	28	28	28	28	28	30	
<b>Code</b>	-	19013581	19015581	19016581	19017581	19018581	19019581	19020581	19021581	19023581	19025581	19030581	5/8" x 3/8"
de	-	73,0	83,0	88,0	93,0	98,3	103,3	108,4	113,4	123,4	134,0	158,8	
dp	-	66,32	76,36	81,37	86,39	91,42	96,45	101,49	106,52	116,58	126,66	151,87	
dm	-	47	57	60	60	70	75	75	80	80	80	90	
D1	-	12	12	12	12	12	14	14	16	16	16	20	
A	-	30	30	30	30	30	30	30	30	30	30	35	
<b>Code</b>	-	19013341	19015341	19016341	19017341	19018341	19019341	19020341	19021341	19023341	19025341	19030341	3/4" x 7/16"
de	-	87,5	99,8	105,5	111,5	118,0	124,2	129,7	136,0	149,0	160,0	-	
dp	-	79,59	91,63	97,65	103,67	109,71	115,75	121,78	127,82	139,90	152,0	-	
dm	-	58	70	75	80	80	80	80	90	90	90	-	
D1	-	16	16	16	16	16	16	16	20	20	20	-	
A	-	35	35	35	35	35	35	35	40	40	40	-	
<b>Code</b>	-	1901311	1901511	1901611	1901711	1901811	1901911	1902011	1902111	-	-	-	1" x 17,02
de	-	117,0	133,0	141,0	149,0	157,0	165,2	173,0	181,2	-	-	-	
dp	-	106,12	122,17	130,20	138,22	146,28	154,33	162,38	170,43	-	-	-	
dm	-	78	92	100	100	100	100	100	110	-	-	-	
D1	-	16	16	19	20	20	20	20	20	-	-	-	
A	-	40	40	45	45	45	45	45	50	-	-	-	



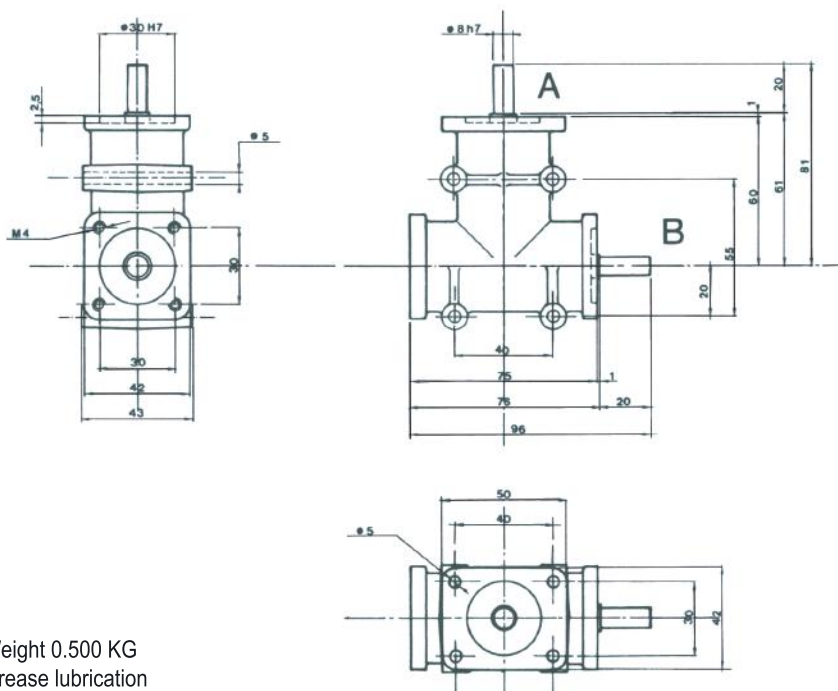


>>> **Bevel gearboxes**

At www.rodavigo.net Family: Transmission elements  
Product: Transmission spindles



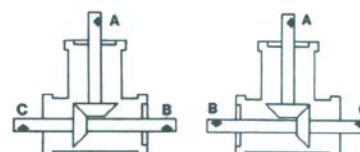
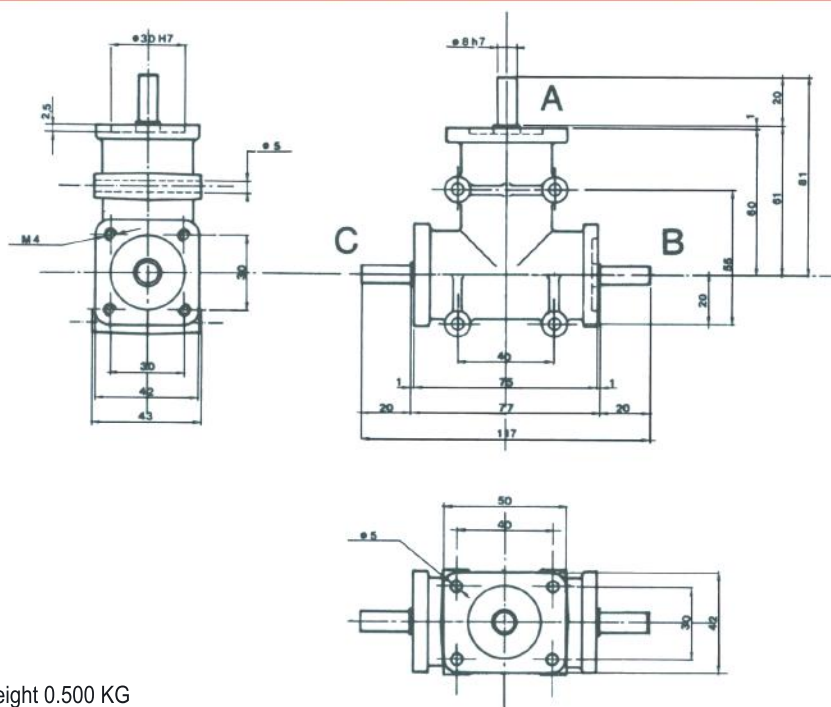
**2-way bevel gearbox, art 2000**



Weight 0.500 KG  
Grease lubrication

Code	Type	Ratio	Provision
0262000R11D1	R-2000	1:1	1
0262000R11D2	R-2000	1:1	2
0262000R21D1	R-2000	2:1	1
0262000R21D2	R-2000	2:1	2

**3-way bevel gearbox, art 2002**



Weight 0.500 KG  
Grease lubrication

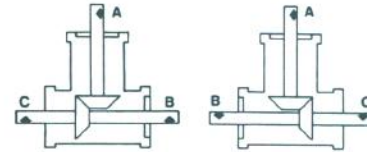
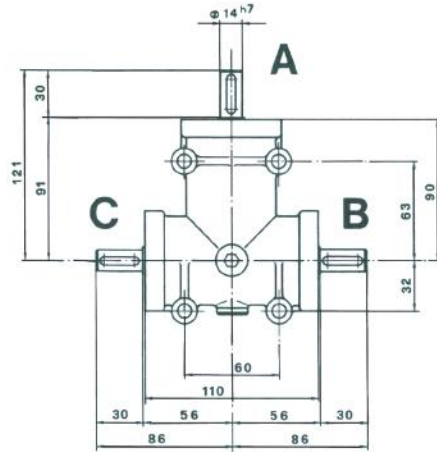
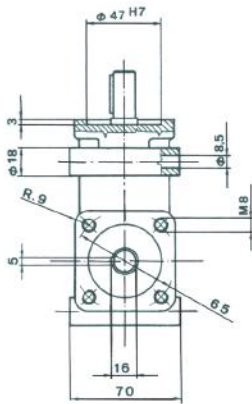
Code	Type	Ratio	Provision
0262002R11D1	R-2002	1:1	1
0262002R11D2	R-2002	1:1	2
0262002R21D1	R-2002	2:1	1
0262002R21D2	R-2002	2:1	2

# TRANSMISSION ELEMENTS

## >>> Bevel gearboxes

At [www.rodavigo.net](http://www.rodavigo.net) Family: Transmission elements  
Product: Transmission spindles

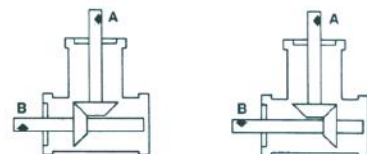
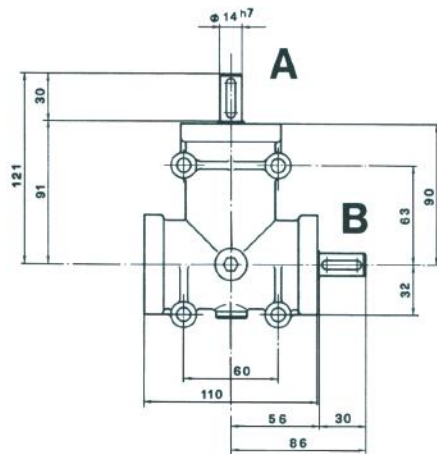
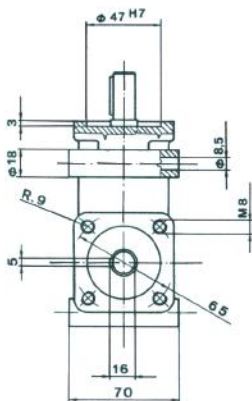
3-way bevel gearbox, art 2008



Weight 2,000 Kg  
Oil lubrication 75 gr

Code	Type	Ratio	Provision
0262008R11D1	R-2008	1:1	1
0262008R11D2	R-2008	1:1	2
0262008R21D1	R-2008	2:1	1
0262008R21D2	R-2008	2:1	2
0262008R31D1	R-2008	3:1	1
0262008R31D2	R-2008	3:1	2

2-way bevel gearbox, art 2011



Weight 2,000 Kg  
Oil lubrication 75 gr

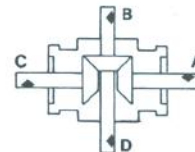
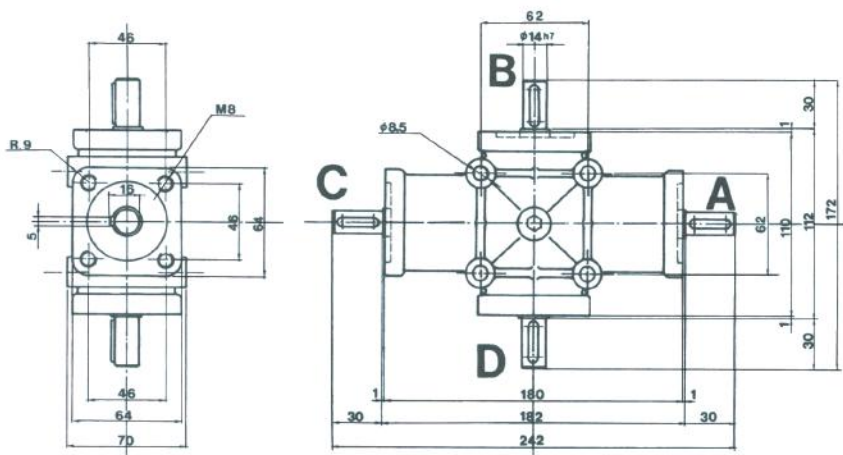
Code	Type	Ratio	Provision
0262011R11D1	R-2011	1:1	1
0262011R11D2	R-2011	1:1	2
0262011R21D1	R-2011	2:1	1
0262011R21D2	R-2011	2:1	2
0262011R31D1	R-2011	3:1	1
0262011R31D2	R-2011	3:1	2



## >>> Bevel gearboxes

4-way bevel gearbox, art 2006

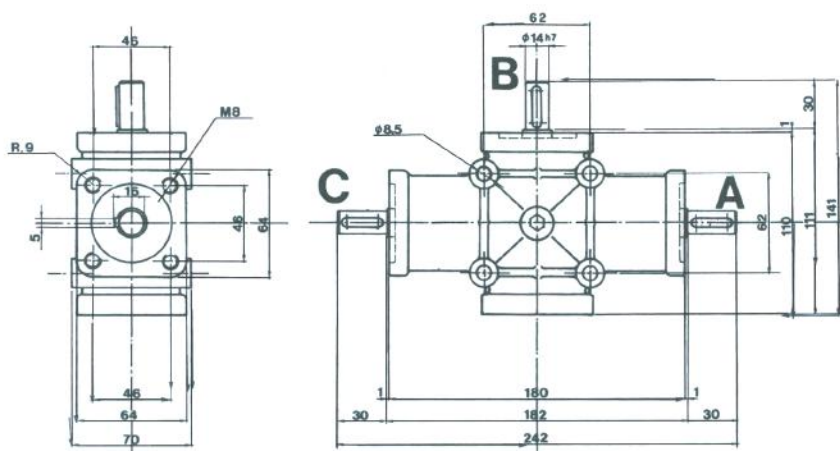
At www.rodavigo.net Family: Transmission elements  
Product: Transmission spindles



Weight 3,250 Kg  
Lubrication with oil 100gr

Code	Type	Ratio	Provision
0262006R11D1	R-2006	1:1	1
0262006R21D1	R-2006	2:1	1
0262006R31D1	R-2006	3:1	1

3-way bevel gearbox, art 2008



Weight 3,250 Kg  
Lubrication with oil 100gr

Code	Type	Ratio	Provision
0262008R11D1	R-2008	1:1	1
0262008R11D2	R-2008	1:1	2
0262008R21D1	R-2008	2:1	1
0262008R21D2	R-2008	2:1	2
0262008R31D1	R-2008	3:1	1
0262008R31D2	R-2008	3:1	2

1) Price and possibility of supply on request.

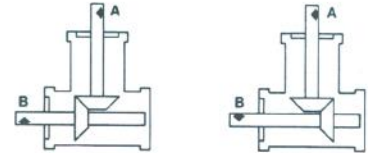
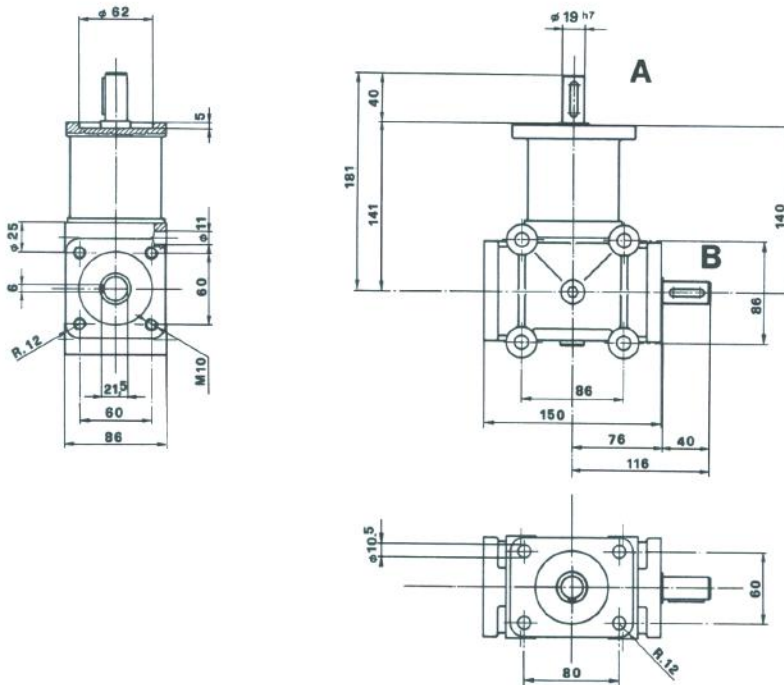
# TRANSMISSION ELEMENTS

## >>> Bevel gearboxes

At [www.rodavigo.net](http://www.rodavigo.net)

Family: Transmission elements  
Product: Transmission spindles

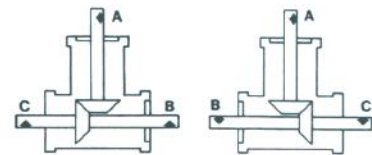
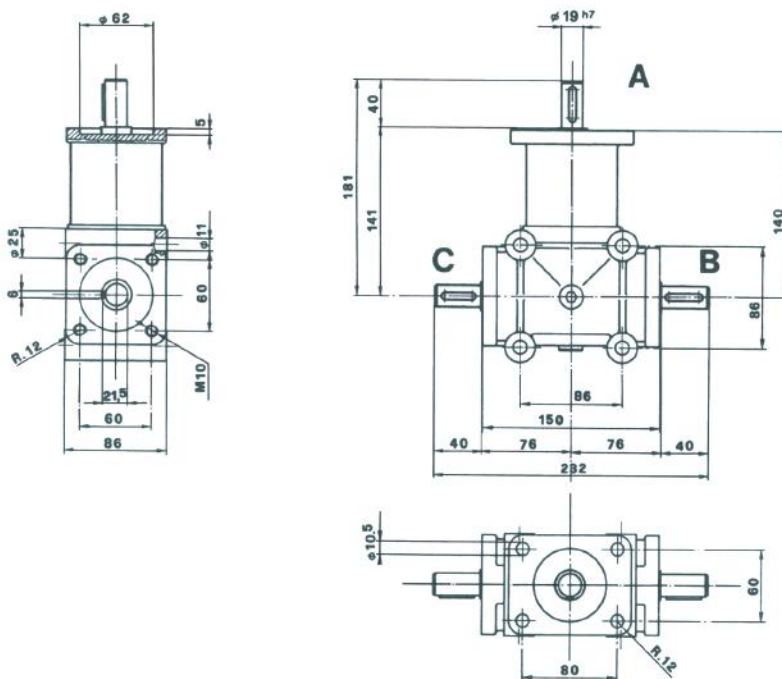
2-way bevel gearbox, art 2030



Weight 4,400 Kg  
Oil lubrication 135 gr

Code	Type	Ratio	Provision
0262030R11D1	R-2030	1:1	1
0262030R11D2	R-2030	1:1	2
0262030R21D1	R-2030	2:1	1
0262030R21D2	R-2030	2:1	2
0262030R31D1	R-2030	3:1	1
0262030R31D2	R-2030	3:1	2

3-way bevel gearbox, art 2031



Weight 4,400 Kg  
Oil lubrication 135 gr

Code	Type	Ratio	Provision
0262031R11D1	R-2031	1:1	1
0262031R11D2	R-2031	1:1	2
0262031R21D1	R-2031	2:1	1
0262031R21D2	R-2031	2:1	2
0262031R31D1	R-2031	3:1	1
0262031R31D2	R-2031	3:1	2

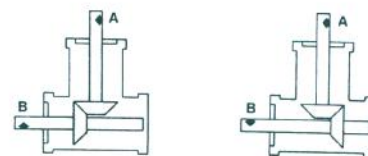
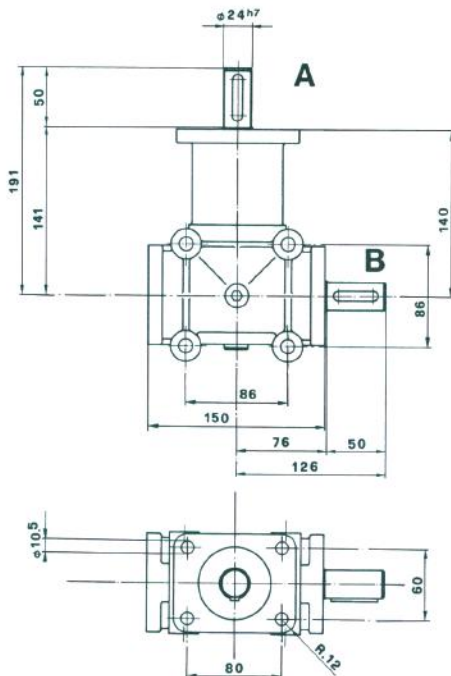
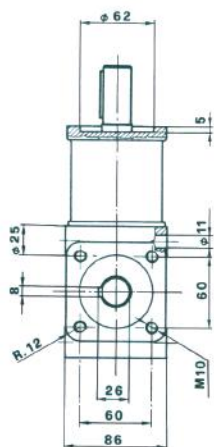


## >>> Bevel gearboxes

### 2-way bevel gearbox, art 2032

At www.rodavigo.net

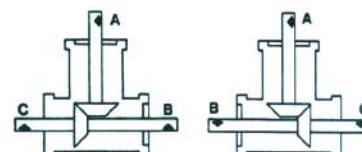
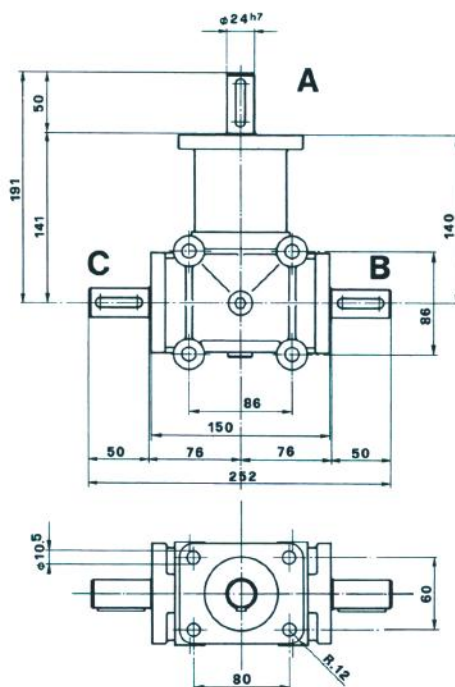
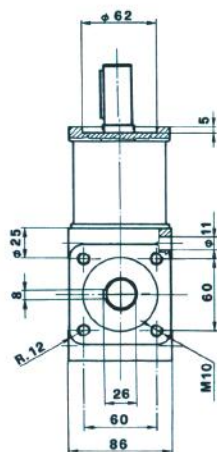
Family: Transmission elements  
Product: Transmission spindles



Weight 4,400 Kg  
Grease lubrication 135 g

Code	Type	Ratio	Provision
0262032R11D1	R-2032	1:1	1
0262032R11D2	R-2032	1:1	2
0262032R21D1	R-2032	2:1	1
0262032R21D2	R-2032	2:1	2
0262032R31D1	R-2032	3:1	1
0262032R31D2	R-2032	3:1	2

### 3-way bevel gearbox, art 2033



Weight 4,400 Kg  
Grease lubrication 135 g

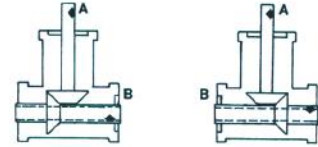
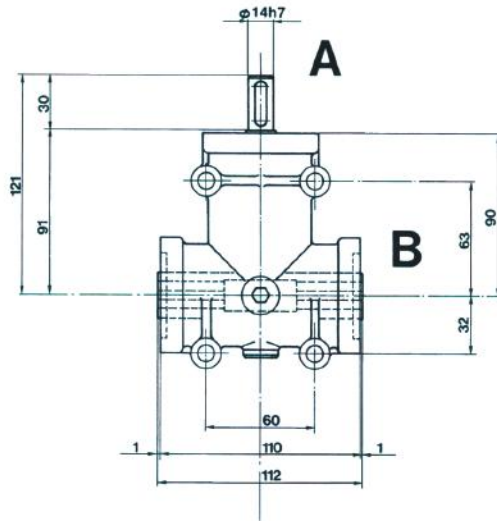
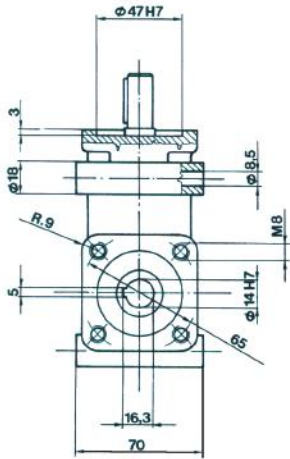
Code	Type	Ratio	Provision
0262033R11D1	R-2033	1:1	1
0262033R11D2	R-2033	1:1	2
0262033R21D1	R-2033	2:1	1
0262033R21D2	R-2033	2:1	2
0262033R31D1	R-2033	3:1	1
0262033R31D2	R-2033	3:1	2

# TRANSMISSION ELEMENTS

## >>> Bevel gearboxes

At [www.rodavigo.net](http://www.rodavigo.net) Family: Transmission elements  
Product: Transmission spindles

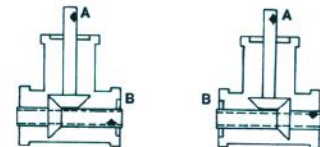
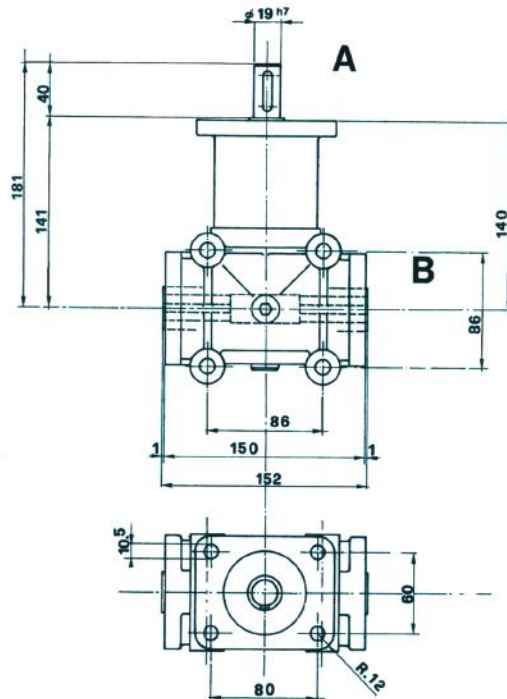
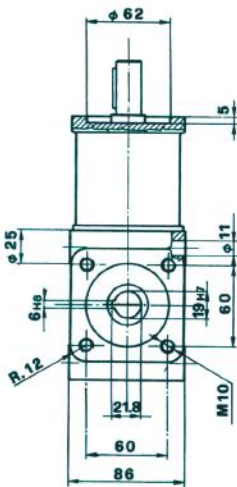
3-way Bevel Gearbox with Hollow Shaft, Art 2012



Weight 2,000 Kg  
Oil lubrication 70 gr

Code	Type	Ratio	Provision
0262012R11D1	R-2012	1:1	1
0262012R11D2	R-2012	1:1	2
0262012R21D1	R-2012	2:1	1
0262012R21D2	R-2012	2:1	2
0262012R31D1	R-2012	3:1	1
0262012R31D2	R-2012	3:1	2

3-way bevel gearbox with hollow shaft, art 2028



Weight 4,800 Kg  
Oil lubrication 130 gr

Code	Type	Ratio	Provision
0262028R11D1	R-2028	1:1	1
0262028R11D2	R-2028	1:1	2
0262028R21D1	R-2028	2:1	1
0262028R21D2	R-2028	2:1	2
0262028R31D1	R-2028	3:1	1
0262028R31D2	R-2028	3:1	2



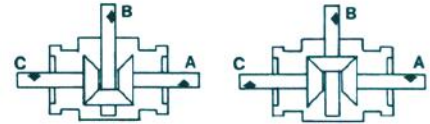
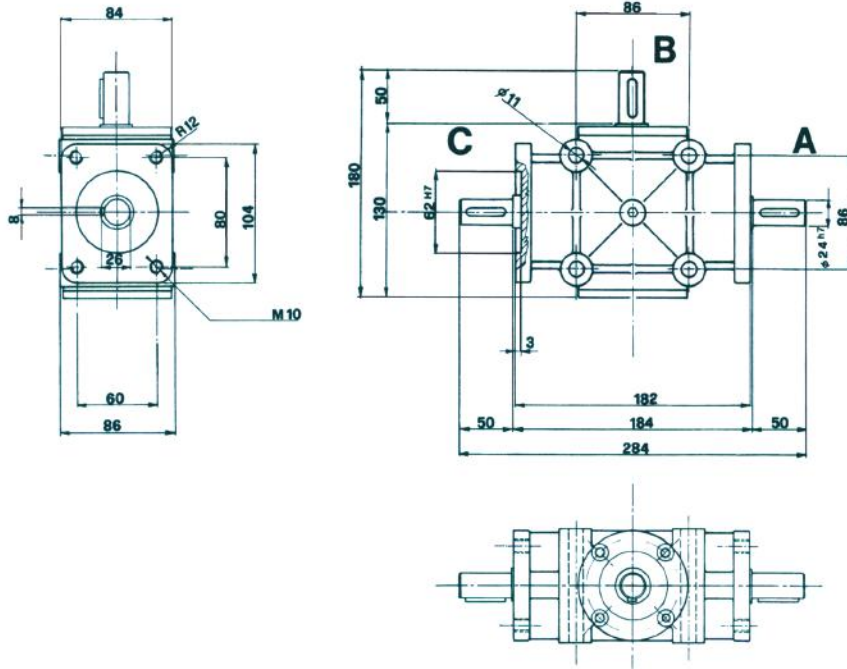


**>>> Bevel gearboxes**

Independent 3-way bevel gearbox, art 2025

At www.rodavigo.net

Family: Transmission elements  
Product: Transmission spindles

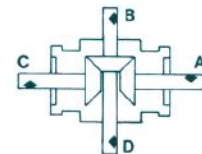
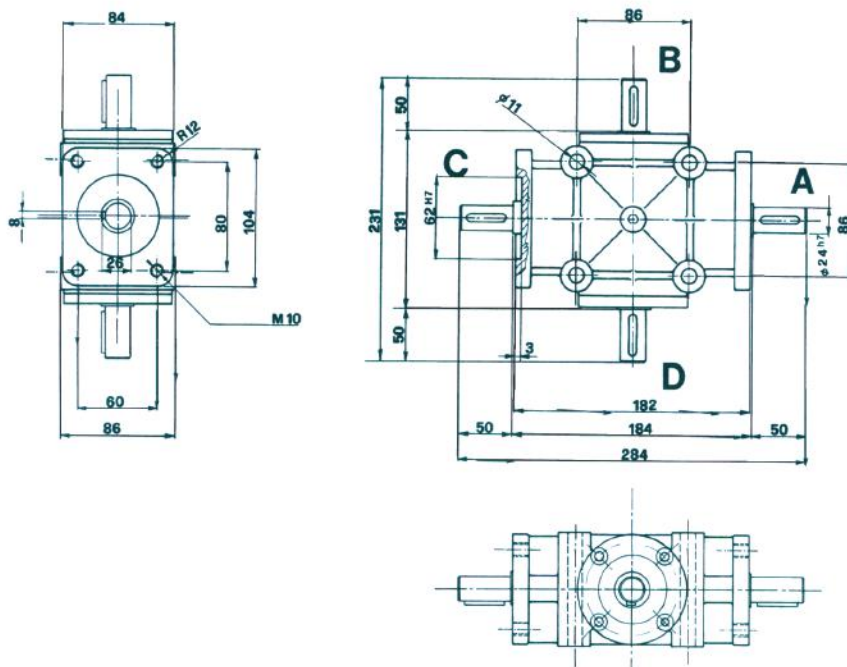


Code	Type	Ratio	Provision
0262025R11D1	R-2025	1:1	1
0262025R11D2	R-2025	1:1	2
0262025R21D1	R-2025	2:1	1
0262025R21D2	R-2025	2:1	2
0262025R31D1	R-2025	3:1	1
0262025R31D2	R-2025	3:1	2

1) Price and supply possibilities on request.

Weight 5,250 Kg  
Oil lubrication 150 gr

4-way bevel gearbox, art 2026



Code	Type	Ratio	Provision
0262026R11D1	R-2026	1:1	1
0262026R21D1	R-2026	2:1	1

Weight 5,350 Kg  
Oil lubrication 150 gr

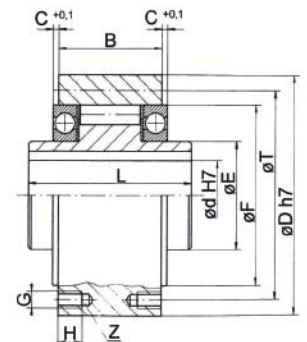
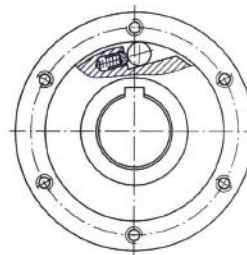


FGR Series Freewheels

Reference Dimensions

Reference	M <sub>nom</sub>	d	B	C	D	E	F	G	H	L	T	Z
	Nm	mm										
FGR12	55	12	20	3,5	62	20	42	∅5,5	-	42	51	3
FGR15	130	15	28	2	68	25	47	M5	8	52	56	3
FGR20	180	20	34	2,4	75	30	55	M5	8	57	64	4
FGR25	290	25	35	2,4	90	40	68	M6	10	60	78	4
FGR30	500	30	43	2,4	100	45	75	M6	10	68	87	6
FGR35	730	35	45	2,9	110	50	80	M6	12	74	96	6
FGR40	1000	40	53	2,9	125	55	90	M8	14	86	108	6
FGR45	1150	45	53	2,9	130	60	95	M8	14	86	112	8
FGR50	2100	50	64	3,9	150	70	110	M8	14	94	132	8
FGR55	2600	55	66	2,9	160	75	115	M10	16	104	138	8
FGR60	3500	60	78	5,4	170	80	125	M10	16	114	150	10
FGR70	6000	70	95	6,4	190	90	140	M10	16	134	165	10
FGR80	6800	80	100	3,9	210	105	160	M10	16	144	185	10
FGR90	11000	90	115	4,9	230	120	180	M12	20	158	206	10
FGR100	20000	100	120	5,4	270	140	210	M16	24	182	240	10
FGR130	31000	130	152	7,9	310	160	240	M10	24	212	278	12
FGR150	68000	150	180	6,9	400	200	310	M20	32	246	360	12

Product 120



### Order example

FGR series and 50mm hole:

**FGR 50**

Keyway S / DIN 6885.

Keyway tolerance JS 10

### Mounting

Take centering diameter F and centering depth G into account in the parts to be incorporated.

Dimension B includes a seal on both sides that is shipped with the order.

### Torques

The torques indicated in the table are nominal. The maximum torques would be:

0.7x M<sub>nom</sub> at 10<sup>7</sup> Frequencies of loads

1.6x M<sub>nom</sub> at 10<sup>6</sup> Frequencies of loads

2x M<sub>nom</sub> with 4x 10<sup>5</sup> Frequencies of loads

Peak torques must be less than the maximum transmissible.

Z = Number of threaded holes G, over the primitive diameter T



>>> **Freewheels**



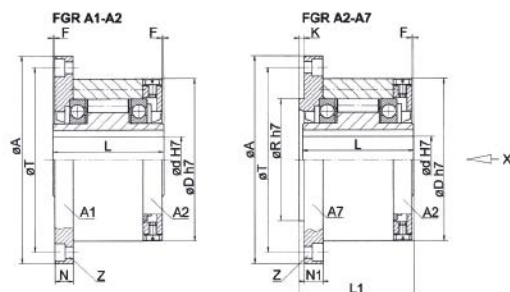
**FGR A1-A2 and FGR A2-A7 Series freewheels**

At www.rodavigo.net

Family: Transmission elements  
Product: Freewheels

Reference	Dimensions													
	Mnom	d	A	D	F	G	K	L	L1	N	N1	R	T	Z
	Nm	mm												
FGR12A1A2R	55	12	85	62	1	M 5	3	42	44	10	10	42	72	3
FGR15A1A2R	130	15	92	68	1	M 5	3	52	54	11	11	47	78	3
FGR20A1A2R	180	20	98	75	1	M 5	3	57	59	10,5	10,5	55	85	4
FGR25A1A2R	290	25	118	90	1	M 6	3	60	62	11,5	11,5	68	104	4
FGR30A1A2R	500	30	128	100	1	M 6	3	68	70	11,5	11,5	75	114	6
FGR35A1A2R	730	35	140	110	1	M 6	3,5	74	76	13,5	13	80	124	6
FGR40A1A2R	1000	40	160	125	1	M 8	3,5	86	88	15,5	15	90	142	6
FGR45A1A2R	1150	45	165	130	1	M 8	3,5	86	88	15,5	15	95	146	8
FGR50A1A2R	2100	50	185	150	1	M 8	4	94	96	14	13	110	166	8
FGR55A1A2R	2600	55	204	160	1	M 10	4	104	106	18	17	115	182	8
FGR60A1A2R	3500	60	214	170	1	M 10	4	114	116	17	16	125	192	10
FGR70A1A2R	6000	70	234	190	1	M 10	4	134	136	18,5	17,5	140	212	10
FGR80A1A2R	6800	80	254	210	1	M 10	4	144	146	21	20	160	232	10
FGR90A1A2R	11000	90	278	230	1	M 12	4,5	158	160	20,5	19	180	254	10
FGR100A1A2R	20000	100	335	270	1	M 16	5	182	184	30	28	210	305	10
FGR130A1A2R	31000	130	380	310	1	M 16	5	212	214	29	27	240	345	12
FGR150A1A2R	68000	150	485	400	1	M 20	5	246	248	32	30	310	445	12

**Product 120**



Z = Number of threaded holes G, over the primitive diameter T

**Torques**

The torques indicated in the table are nominal. The maximum torques would be:  
 0.7x Mnom at 10<sup>7</sup> Frequencies of loads  
 1.6x Mnom at 10<sup>6</sup> Frequencies of loads  
 2x Mnom with 4x 10<sup>5</sup> Frequencies of loads  
 Peak torques must be less than the maximum transmissible.

**Direction of rotation**

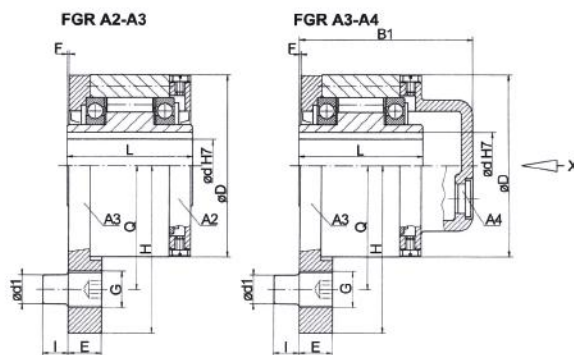
If the direction of rotation is not indicated with the order, this would be on the left, seen from X.

Keyway S / DIN 6885. Keyway tolerance JS 10

**FGR A2 - A3 and FGR A3 - A4 Series freewheels**

Reference	Dimensions											
	Mnom	d	B1	D	L	E	F	G	d1	I	H	Q
	Nm	mm										
FGR12A2A3R	55	12	64	62	42	13	1	M 14	10	10	59	44
FGR15A2A3R	130	15	78	68	52	13	1	M 14	10	10	62	47
FGR20A2A3R	180	20	82	75	57	15	1	M 16	12	11	72	54
FGR25A2A3R	290	25	85	90	60	18	1	M 20x2	16	14	84	62
FGR30A2A3R	500	30	95	100	68	18	1	M 20x2	16	14	92	68
FGR35A2A3R	730	35	102	110	74	22	1	M 20x2	20	18	102	76
FGR40A2A3R	1000	40	115	125	86	22	1	M 24x2	20	18	112	85
FGR45A2A3R	1150	45	115	130	86	26	1	M 24x2	25	22	120	90
FGR50A2A3R	2100	50	123	150	94	26	1	M 30x2	25	22	135	102
FGR55A2A3R	2600	55	138	160	104	30	1	M 30x2	32	25	142	108
FGR60A2A3R	3500	60	147	170	114	30	1	M 35x2	32	25	145	112
FGR70A2A3R	6000	70	168	190	134	35	1	M 36x2	38	30	175	135
FGR80A2A3R	6800	80	178	210	144	35	1	M 42x2	38	30	185	145
FGR90A2A3R	11000	90	192	230	158	45	1	M 55x2	50	40	205	155
FGR100A2A3R	20000	100	217	270	182	45	1	M 55x2	50	40	230	180
FGR130A2A3R	31000	130	250	310	212	60	1	M 72x2	68	55	268	105
FGR150A2A3R	68000	150	286	400	246	60	1	M 72x2	68	55	325	255

**Product 120**



**Direction of rotation**

If the direction of rotation is not indicated with the order, this would be on the left, seen from X.

Keyway S / DIN 6885. Keyway tolerance JS 10

**Torques**

The torques indicated in the table are nominal. The maximum torques would be:  
 0.7x Mnom at 10<sup>7</sup> Frequencies of loads  
 1.6x Mnom at 10<sup>6</sup> Frequencies of loads  
 2x Mnom with 4x 10<sup>5</sup> Frequencies of loads  
 Peak torques must be less than the maximum transmissible.



## >>> Freewheels

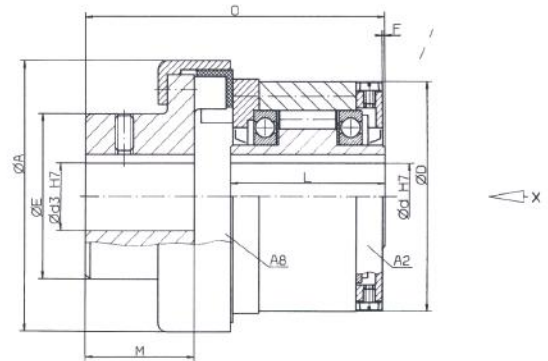
At [www.rodavigo.net](http://www.rodavigo.net)

Family: Transmission elements  
Product: Freewheels

FGR A8 - A2 Series freewheels

Reference	Dimensions										
	M <sub>nom</sub>	d	d <sub>3min</sub>	d <sub>3max</sub>	A	D	E	F	L	M	O
	Nm	mm									
FGR20A8A2R	95	20	10	95	82	75	65	1	57	45	120,5
FGR25A8A2R	150	25	12	150	114	90	72	1	60	48	125,5
FGR30A8A2R	240	30	12	240	127	100	78	1	68	52	139,5
FGR35A8A2R	240	35	12	240	127	110	78	1	74	52	143,5
FGR40A8A2R	375	40	14	375	143	125	88	1	86	57	163,5
FGR45A8A2R	600	45	18	600	158	130	96	1	86	61	171,5
FGR50A8A2R	945	50	20	945	181	150	110	1	94	67	194
FGR55A8A2R	1500	55	28	1500	202	160	120	1	104	75	216
FGR60A8A2R	1500	60	28	1500	202	170	120	1	114	75	227
FGR70A8A2R	2400	70	32	2400	230	190	130	1	134	82	261,5
FGR80A8A2R	3750	80	38	3750	257	210	145	1	144	89	285
FGR90A8A2R	6000	90	45	6000	294	230	160	1	158	97	319,5
FGR100A8A2R	9450	100	65	9450	330	270	200	1	182	116	361
FGR130A8A2R	15000	130	80	15000	378	310	225	1	212	140	417
FGR150A8A2R	24000	150	90	24000	432	400	255	1	246	160	493

### Product 120



#### Direction of rotation

If the direction of rotation is not indicated with the order, this would be to the left seen from X.

#### Torques

The torques indicated in the table are nominal. The maximum torques would be: 2x M<sub>nom</sub>  
Peak torques must be less than the maximum transmissible.

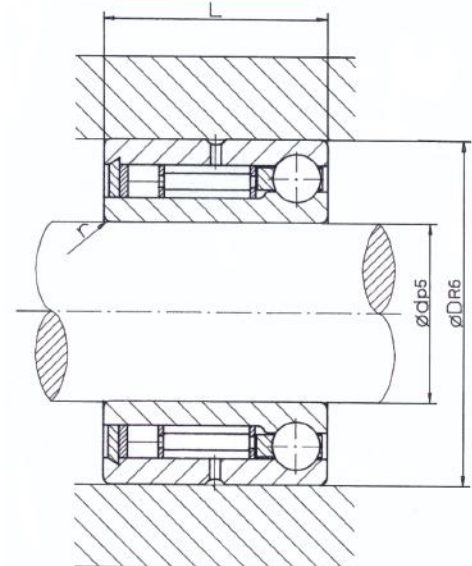
Keyway S / DIN 6885. Tolerance of keyway JS 10.

## FGK Series Freewheels

Reference	Dimensions					Loads				Bearings
	M <sub>nom</sub>	d*	D*	L*	r*	Dynam. L		Stat. L		
						Roller	Ball	Roller	Ball	
Nm	mm				N	N	N	N		
FGK20	55	20	37	23	0,5	5600	4400	2900	2750	5904
FGK25	80	25	42	23	0,5	6300	5300	3450	3350	5905
FGK30	110	30	47	23	0,5	7700	5500	4600	3650	5906
FGK35	240	35	55	27	1	8200	8500	5200	5700	5907
FGK40	370	40	62	30	1	8650	8300	5750	5700	5909
FGK45	435	45	68	30	1	9200	9650	6350	7200	5909
FGK50	540	50	72	30	1	9650	10000	6950	7800	5910

\* Tolerance according to 59 series needle roller bearings.

### Product 120



#### Order example

FGK series and 50mm hole:  
**FGK50**

#### Mounting

These freewheels transmit the torque by pressure adjusting the inner and outer rings. As recommended shaft tolerance p5 and for pocket R6. With this tolerance, the normal clearance in the bearings is achieved.

#### Torques

The torques indicated in the table are nominal. The maximum torques would be:  
0.45x M<sub>nom</sub> at 10<sup>7</sup> Frequencies of loads  
1x M<sub>nom</sub> at 10<sup>6</sup> Frequencies of loads  
1.7x M<sub>nom</sub> at 50,000 Frequencies of loads  
Peak torques must be less than the maximum transmissible.



>>> **Freewheels**



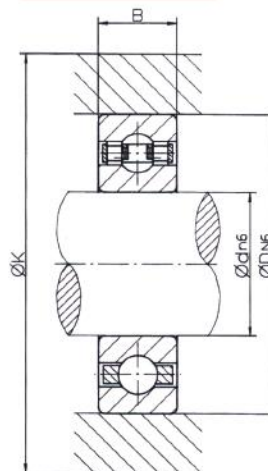
**ZZ and FC Series freewheels**

At www.rodavigo.net

Family: Transmission elements  
Product: Freewheels

Reference	Dimensions				Load		Type	
	M <sub>nom</sub>	d	B	D	Dynam. L	Stat. L		
	Nm	mm			N	N		
ZZ8	2,5	8	9	32	27	3200	860	ZZ8
ZZ6201	9,3	12	10	32	39	6100	2400	ZZ6201
ZZ6202L	13	15	11	35	42	6000	3700	ZZ6202L
ZZ6202M	26	15	11	35	42	6000	3700	ZZ6202M
ZZ6203L	17	17	12	40	51	7350	4550	ZZ6203L
ZZ6203M	34	17	12	40	51	7350	4550	ZZ6203M
ZZ6204L	32	20	14	47	58	10000	6300	ZZ6204L
ZZ6204M	65	20	14	47	58	10000	6300	ZZ6204M
ZZ6205	40	25	15	52	63	11000	7000	ZZ6205
ZZ6205M	80	25	15	52	63	11000	7000	ZZ6205M
ZZ6206M	110	30	16	62	73	15000	10000	ZZ6206M
ZZ6206S	170	30	16	62	73	15000	10000	ZZ6206S
ZZ6207	175	35	17	72	85	12500	7200	ZZ6207
ZZ40	325	40	22	80	94	15500	12250	ZZ40

**Product 120**



**Characteristics**

The ZZ and FC freewheels have the identical outer diameter as that of 62 series ball bearings as well as the same characteristics, therefore they do not need auxiliary bearings.

**Order example**

ZZ series and 20mm hole  
with torque 65 Nm  
**ZZ6204M**

**Mounting**

These freewheels transmit the torque by pressure adjusting the inner and outer rings. As recommended shaft tolerance n6 and for pocket N6. In order to transmit the torques indicated in the table, it is necessary that the outer housing be made of steel and the outer diameter equal to K. In case of using another material, smaller diameter or, if installed inside a tube, please contact us at transmission torque. The allowed temperature for these freewheels is -40°C to 80°C.

**Torques**

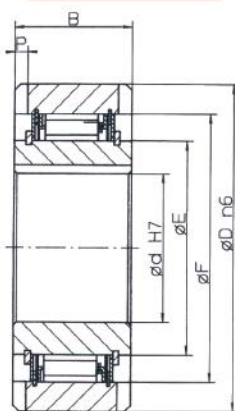
The torques indicated in the table are nominal and contain a safety factor of 2. To transmit the torques indicated in the table, it is necessary that the outer housing be made of steel and the outer diameter equal to K. In case of using this material, smaller diameter, or if installed inside the hollow shafts, please consult us on transmission torque.

**FSN Series Freewheels**

**FCN.R Series Freewheels**

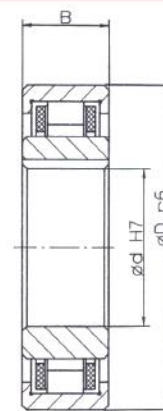
Reference	Dimensions							
	M <sub>nom</sub>	d	B	D	E	F	N	P
	Nm	mm						
FSN8R	11	8	13	35	18,5	28	4	1,3
FSN12R	11	12	13	35	18,5	28	4	1,3
FSN15R	36	15	18	42	21	36	5	1,7
FSN17R	56	17	19	47	24	40	5	2
FSN20R	90	20	21	52	29	45	6	1,5
FSN25R	125	25	24	62	35	52	8	2,0
FSN30R	210	30	28	72	40	60	10	2,5
FSN35R	306	35	31	80	47	68	12	3,5
FSN40R	430	40	33	90	55	78	12	3,5
FSN45R	680	45	36	100	56	85	14	3,5
FSN50R	910	50	40	110	60	92	14	4,5
FSN60R	1200	60	46	130	75	110	18	5,5
FSN70R	2000	70	51	150	85	125	20	6,5
FSN80R	3000	80	58	170	95	140	20	7,5

**Product 120**



Reference	Dimensions			
	M <sub>nom</sub>	d	B	D
	Nm	mm		
FCN8R	32	8	8	24
FCN10R	73	10	9	30
FCN12R	11	12	10	32
FCN15R	12	15	11	35
FCN20R	40	20	14	47
FCN25R	50	25	15	52
FCN30R	80	30	16	62
FCN35R	140	35	17	72
FCN40R	170	40	18	80
FCN45R	200	45	19	85
FCN50R	220	50	20	90
FCN60R	420	60	22	110
FCN80R	840	80	26	140

**Product 120**



Side grooves at 180° Width NH11

**Order example**

FSN series and 50mm hole  
**FSN50**  
FCN series and 25mm hole  
**FCN25**

Keyway S / DIN 6885.  
Keyway tolerance JS 10

**Mounting**

FSN freewheels have side grooves to transmit torque. As a pocket tolerance we recommend H7 or G7. For the FCN series pocket we recommend h7 of j6. For ISO h6 or j6 shafts. Up to 30mm shaft diameter, FCN freewheels are bearings at the same time.

**Torques**

The torques indicated in the table are nominal and contain a safety factor of 2. They are only valid for perfectly centered freewheels. Axial and overturning forces have to be absorbed by the auxiliary bearings.