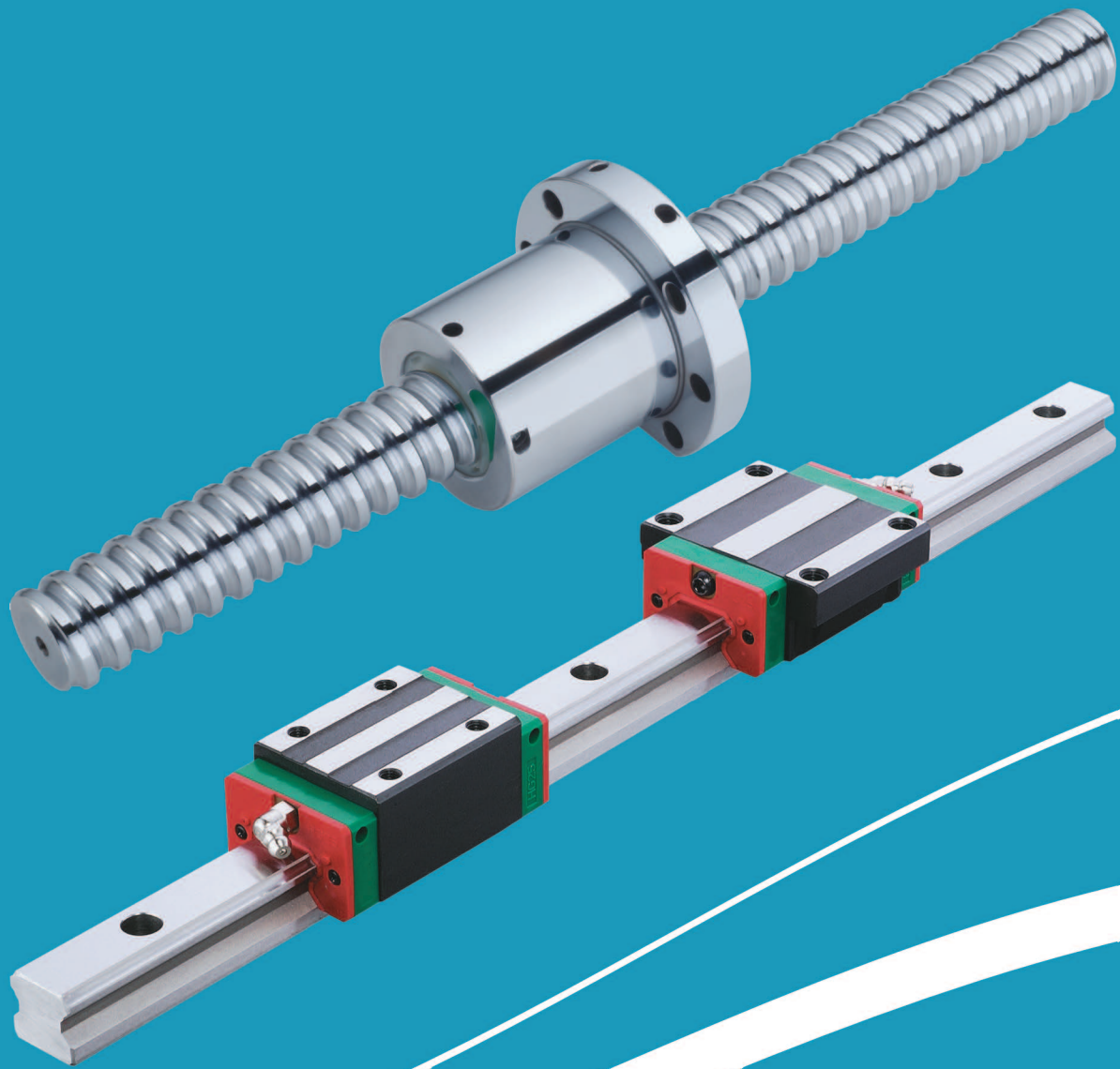




ADD/FORCE

HAKKIMIZDA

ADDFORCE Lineer Sistemler 30 yılı aşkın sektör tecrübesiyle siz değerli müşterilerimize katma değer sağlamak amacı ile kurulmuş bir tedarik zinciri organizasyonudur.

Yerleşik olarak faaliyetlerine İzmir'de başlayan şirketimiz tüm Türkiye'ye hizmet vermekte olup müşterilerinin talepleri doğrultusunda rekabetçi fiyatları, güçlü ürün yelpazesi ve satış sonrası destek ile tercih edilen tedarikçi olma yolunda ilerlemektedir.

Lineer sistemlerde dünyanın önde gelen üreticileri ile yaptığımız iş birliklerinin yanı sıra, her biri kendi alanında öncü marka grubumuzla iş ortaklarımıza memnuniyet yaratma bilinci ile çalışmaktadır.

İş ortaklarımızın karşılaşılabileceği sorunlara esnek ve kalıcı çözümler üretmek amacıyla sektörü, teknolojiyi ve ulusal pazarı sürekli olarak takip etmekteyiz.

Siz değerli müşterimize en doğru ürünü en hızlı ve en uygun maliyet ile ulaştırmak için yatırımlarımızı sürdürmekteyiz.

BAYİLİKLER

ADDFORCE

TIMKEN

HIWIN
Motion Control and System Technology

FAG
SCHAEFFLER GROUP

SKF

NSK

NTN

Koyo

SNR

ORS

BANDO

REXBELT

FEKO

Suptex

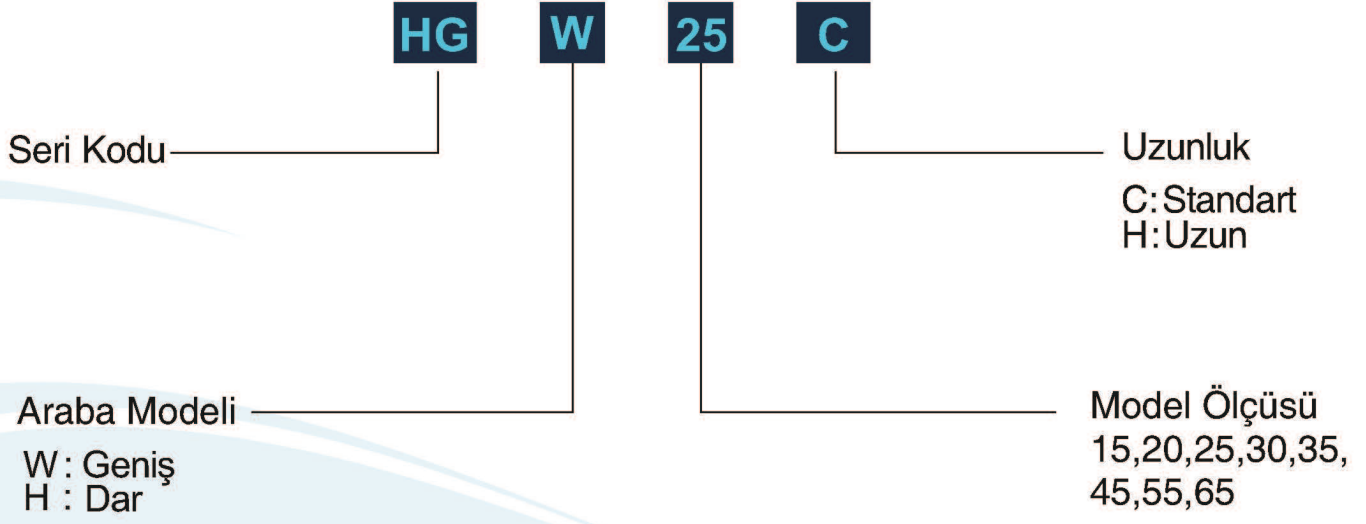
SKT

Volt elektrik motorları

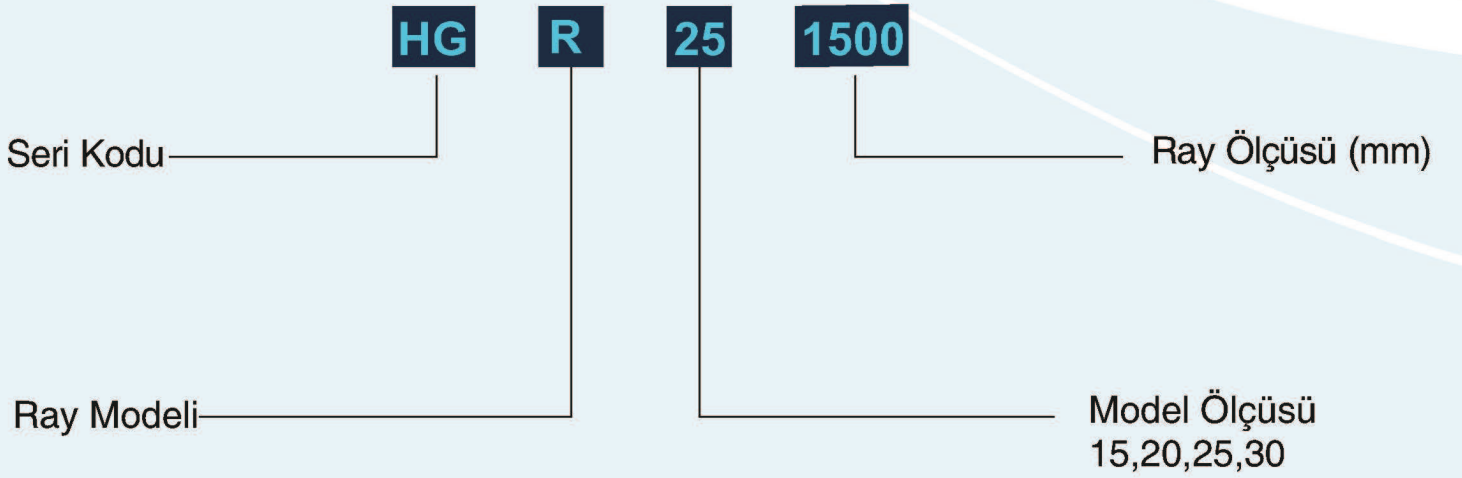
PGR
DRIVE TECHNOLOGIES

optibelt
Power Transmission

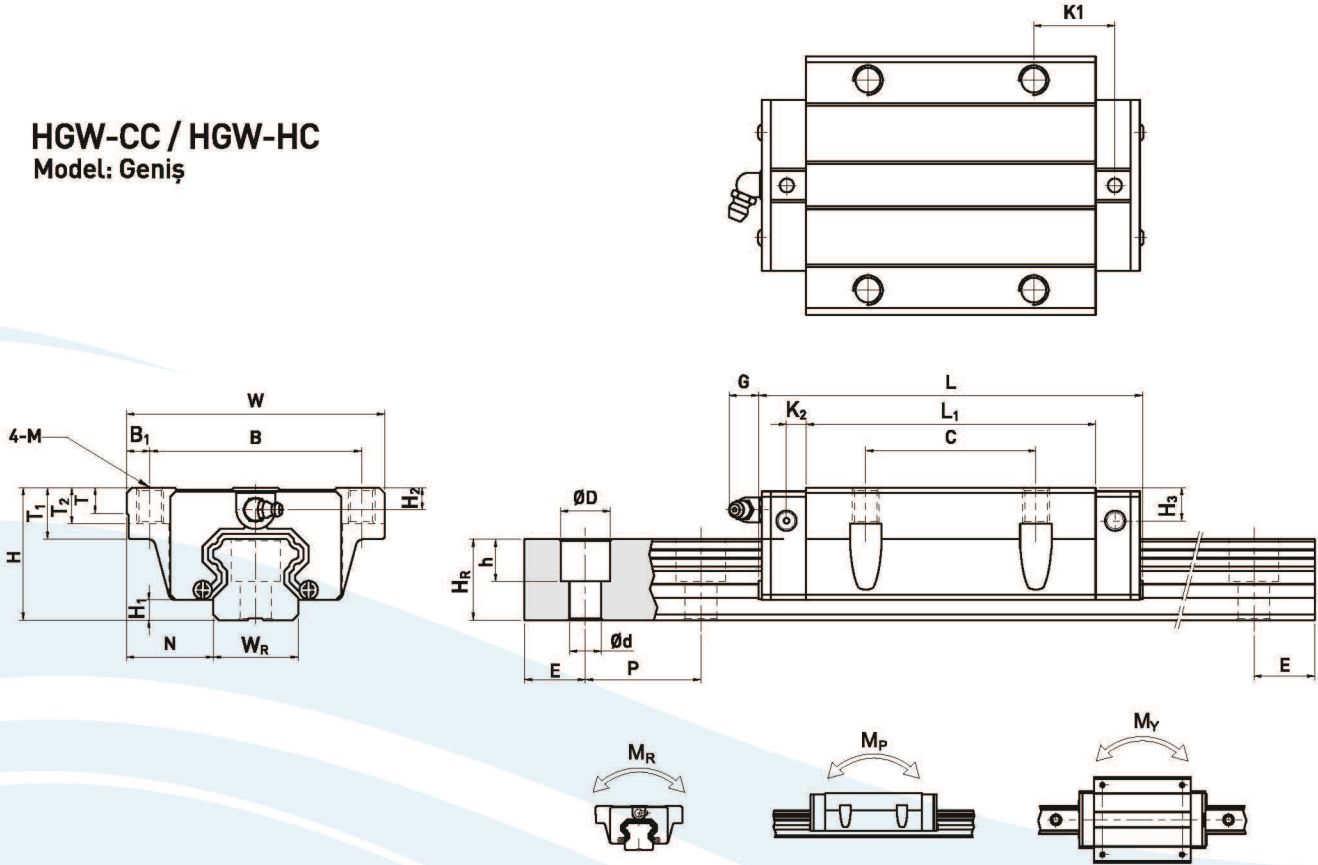
Araba Kodlaması



Ray Kodlaması



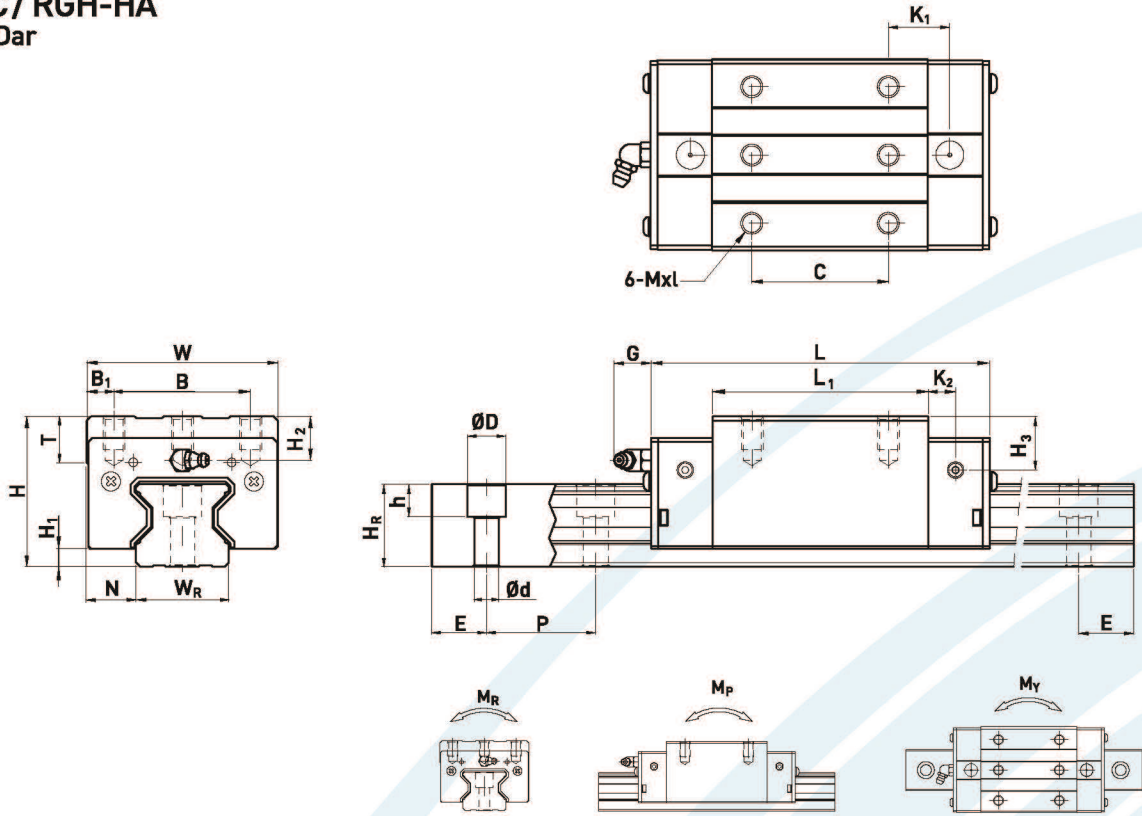
HGW-CC / HGW-HC Model: Geniş



Model No.	Ray Dahil Ölçüler (mm)			Blok Ölçüleri (mm)															Ray Ölçüleri (mm)							Ray Cıvata Ölçüsü	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	T ₂	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	
HGW15CC	24	4.3	16	47	38	4.5	30	39.4	61.4	8	4.85	5.3	M5	6	8.9	6.95	3.95	3.7	15	15	7.5	5.3	4.5	60	20		M4x16
HGW20CC	30	4.6	21.5	63	53	5	40	50.5	77.5	10.25	6	12	M6	8	10	9.5	6	6	20	17.5	9.5	8.5	6	60	20		M5x16
HGW20HC								65.2	92.2	17.6																	
HGW25CC	36	5.5	23.5	70	57	6.5	45	58	84	10.7	6	12	M8	8	14	10	6	5	23	22	11	9	7	60	20		M6x20
HGW25HC								78.6	104.6	21																	
HGW30CC	42	6	31	90	72	9	52	70	97.4	14.25	6	12	M10	8.5	16	10	6.5	10.8	28	26	14	12	9	80	20		M8x25
HGW30HC								93	120.4	25.75																	
HGW35CC	48	7.5	33	100	82	9	62	80	112.4	14.6	7	12	M10	10.1	18	13	9	12.6	34	29	14	12	9	80	20		M8x25
HGW35HC								105.8	138.2	27.5																	
HGW45CC	60	9.5	37.5	120	100	10	80	97	139.4	13	10	12.9	M12	15.1	22	15	8.5	20.5	45	38	20	17	14	105	22.5		M12x35
HGW45HC								128.8	171.2	28.9																	
HGW55CC	70	13	43.5	140	116	12	95	117.7	166.7	17.35	11	12.9	M14	17.5	26.5	17	12	19	53	44	23	20	16	120	30		M14x45
HGW55HC								155.8	204.8	36.4																	
HGW65CC	90	15	53.5	170	142	14	110	144.2	200.2	23.1	14	12.9	M16	25	37.5	23	15	15	63	53	26	22	18	150	35		M16x50
HGW65HC								203.6	259.6	52.8																	

Not: 1 kgf = 9.81 N

RGH-C/ RGH-HA Model: Dar

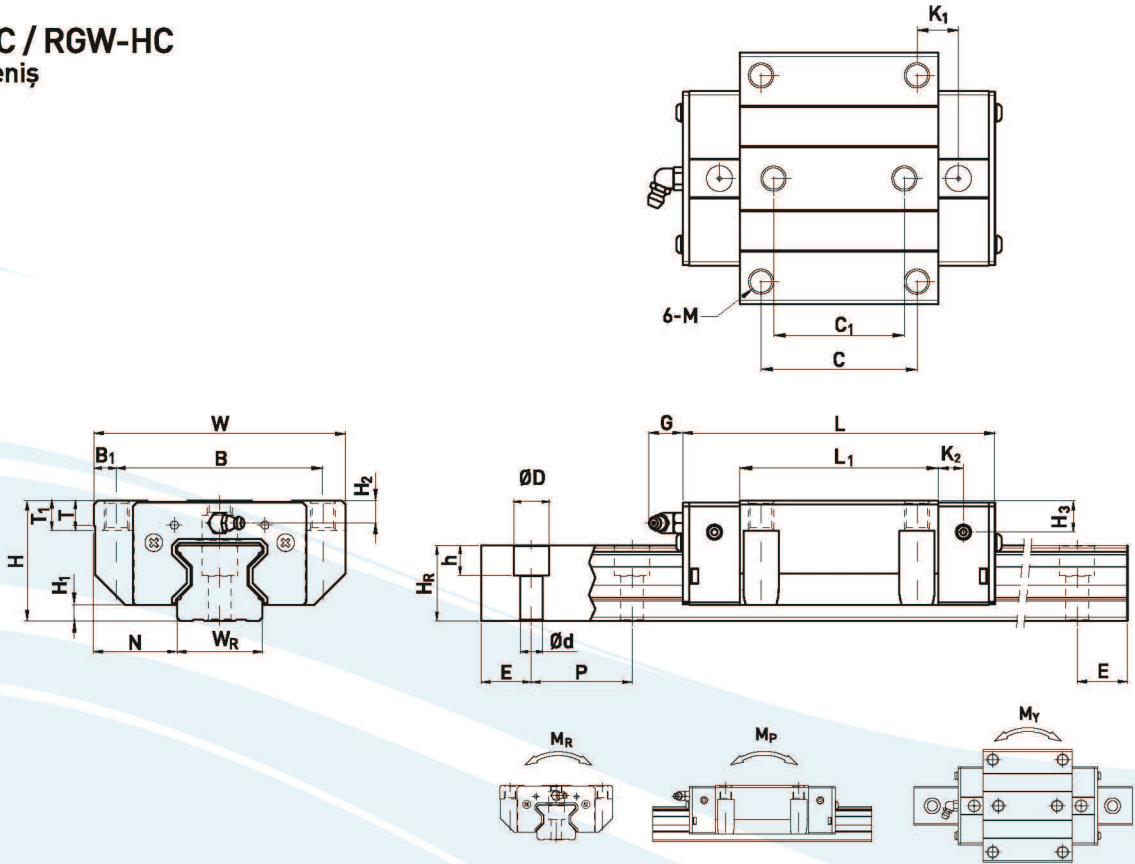


Model No.	Ray Dahil Ölçüler (mm)			Blok Ölçüleri (mm)														Ray Ölçüleri (mm)										Ray Cıvata Ölçüsü
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	MxL	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)				
RGH15CA	28	4	9.5	34	26	4	26	45	68	13.4	4.7	5.3	M4 x 8	6	7.6	10.1	15	16.5	7.5	5.7	4.5	30	20		M4 x16			
RGH20CA	34	5	12	44	32	6	36	57.5	86	15.8	6	5.3	M5 x 8	8	8.3	8.3	20	21	9.5	8.5	6	30	20		M5 x20			
RGH20HA							50	77.5	106	18.8																		
RGH25CA	40	5.5	12.5	48	35	6.5	35	64.5	97.9	20.75	7.25	12	M6 x 8	9.5	10.2	10	23	23.6	11	9	7	30	20		M6 x20			
RGH25HA							50	81	114.4	21.5																		
RGH30CA	45	6	16	60	40	10	40	71	109.8	23.5	8	12	M8 x10	9.5	9.5	10.3	28	28	14	12	9	40	20		M8 x25			
RGH30HA							60	93	131.8	24.5																		
RGH35CA	55	6.5	18	70	50	10	50	79	124	22.5	10	12	M8 x12	12	16	19.6	34	30.2	14	12	9	40	20		M8 x25			
RGH35HA							72	106.5	151.5	25.25																		
RGH45CA	70	8	20.5	86	60	13	60	106	153.2	31	10	12.9	M10x17	16	20	24	45	38	20	17	14	52.5	22.5		M12 x35			
RGH45HA							80	139.8	187	37.9																		
RGH55CA	80	10	23.5	100	75	12.5	75	125.5	183.7	37.75	12.5	12.9	M12x18	17.5	22	27.5	53	44	23	20	16	60	30		M14 x45			
RGH55HA							95	173.8	232	51.9																		
RGH65CA	90	12	31.5	126	76	25	70	160	232	60.8	15.8	12.9	M16 x20	25	15	15	63	53	26	22	18	75	35		M16x50			
RGH65HA							120	223	295	67.3																		

Not: 1. 1 kgf = 9.81 N

2. The theoretical dynamic rated load is C_{100R}, if necessary C_{50R} conversion formula is as follows : C_{50R} = 1.23 x C_{100R}

RGW-CC / RGW-HC Model: Geniş



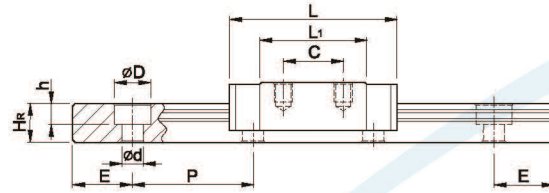
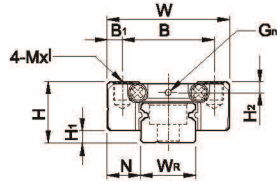
Model No.	Ray Dahil Ölçüler (mm)			Blok Ölçüleri (mm)																	Ray Ölçüleri (mm)										Ray Cıvata Ölçüsü
	H	H ₁	N	W	B	B ₁	C	C ₁	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _R	H _R	D	h	d	P	E						(mm)
RGW15CC	24	4	16	47	38	4.5	30	26	45	68	11.4	4.7	5.3	M5	6	6.95	3.6	6.1	15	16.5	7.5	5.7	4.5	30	20						M4x16
RGW20CC	30	5	21.5	63	53	5	40	35	57.5	86	13.8	6	5.3	M6	8	10	4.3	4.3	20	21	9.5	8.5	6	30	20						M5x20
RGW20HC									77.5	106	23.8																				
RGW25CC	36	5.5	23.5	70	57	6.5	45	40	64.5	97.9	15.75	7.25	12	M8	9.5	10	6.2	6	23	23.6	11	9	7	30	20						M6x20
RGW25HC									81	114.4	24																				
RGW30CC	42	6	31	90	72	9	52	44	71	109.8	17.5	8	12	M10	9.5	10	6.5	7.3	28	28	14	12	9	40	20						M8x25
RGW30HC									93	131.8	28.5																				
RGW35CC	48	6.5	33	100	82	9	62	52	79	124	16.5	10	12	M10	12	13	9	12.6	34	30.2	14	12	9	40	20						M8x25
RGW35HC									106.5	151.5	30.25																				
RGW45CC	60	8	37.5	120	100	10	80	60	106	153.2	21	10	12.9	M12	14	15	10	14	45	38	20	17	14	52.5	22.5						M12x35
RGW45HC									139.8	187	37.9																				
RGW55CC	70	10	43.5	140	116	12	95	70	125.5	183.7	27.75	12.5	12.9	M14	16	17	12	17.5	53	44	23	20	16	60	30						M14x45
RGW55HC									173.8	232	51.9																				
RGW 65CC	90	12	53.5	170	142	14	110	82	160	232	40.8	15.8	12.9	M16	22	23	15	15	63	53	26	22	18	75	35						M16x50
RGW 65HC									223	295	72.3																				

Not : 1. 1 kgf = 9.81 N

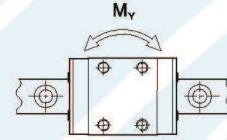
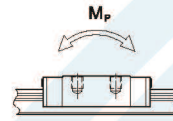
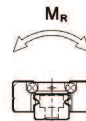
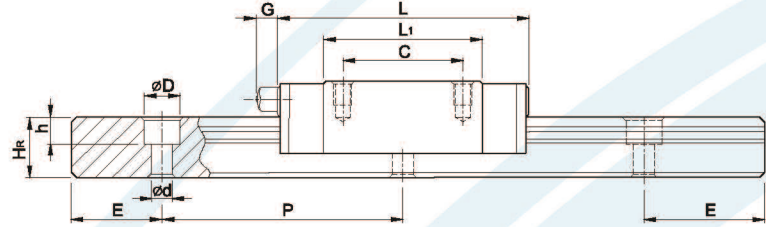
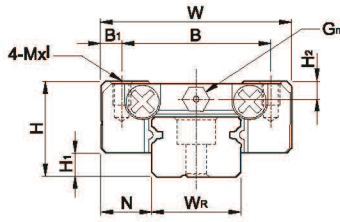
2. The theoretical dynamic rated load is C_{100R}, if necessary C_{50R} conversion formula is as follows : C_{50R} = 1.23 x C_{100R}

MGN-C / MGN-H Model: Dar

MGN7, MGN9, MGN12



MGN15



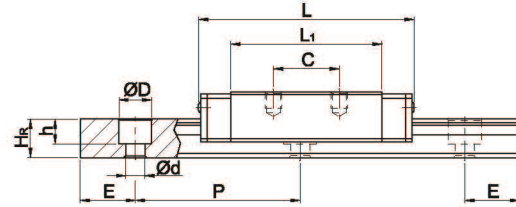
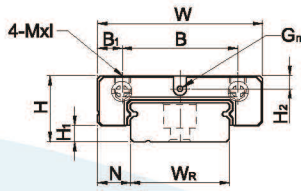
Model No.	Ray Dahil Ölçüler (mm)			Blok Ölçüleri (mm)										Ray Ölçüleri (mm)								Ray Cıvata Ölçüsü
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G _n	MxL	H ₂	W _R	H _R	D	h	d	P	E	(mm)	
MGN 7C	8	1.5	5	17	12	2.5	8	13.5	22.5	-	Ø1.2	M2x2.5	1.5	7	4.8	4.2	2.3	2.4	15	5	M2x6	
MGN 7H							13	21.8	30.8													
MGN 9C	10	2	5.5	20	15	2.5	10	18.9	28.9	-	Ø1.4	M3x3	1.8	9	6.5	6	3.5	3.5	20	7.5	M3x8	
MGN 9H							16	29.9	39.9													
MGN 12C	13	3	7.5	27	20	3.5	15	21.7	34.7	-	Ø2	M3x3.5	2.5	12	8	6	4.5	3.5	25	10	M3x8	
MGN 12H							20	32.4	45.4													
MGN 15C	16	4	8.5	32	25	3.5	20	26.7	42.1	4.5	M3	M3x4	3	15	10	6	4.5	3.5	40	15	M3x10	
MGN 15H							25	43.4	58.8													

Note : 1 kgf = 9.81 N

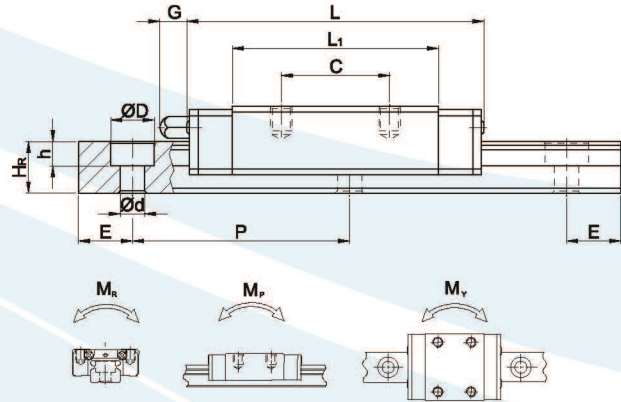
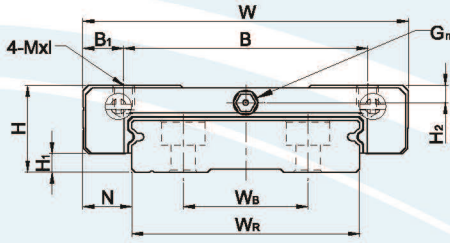
MGW-C / MGW-H

Model: Geniş

MGW7, MGW9, MGW12



MGW15



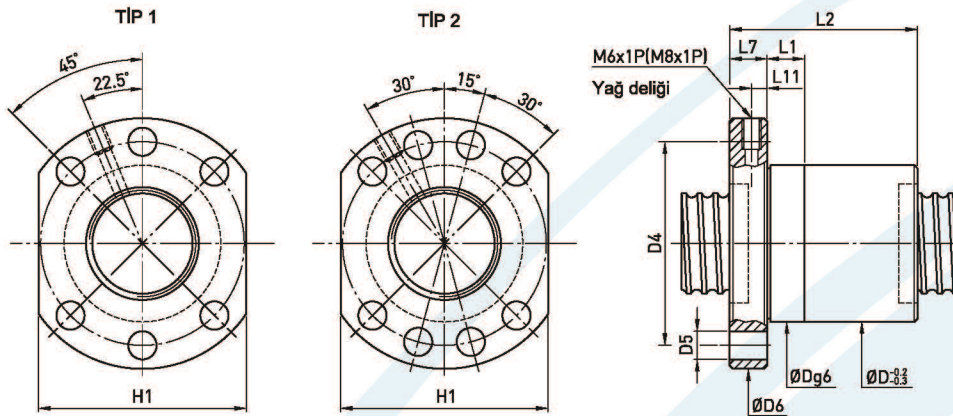
Model No.	Ray Dahil Ölçüler (mm)			Blok Ölçüleri (mm)										Ray Ölçüleri (mm)										Ray Civata Ölçüsü
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G _n	Mxl	H ₂	W _R	W _B	H _R	D	h	d	P	E	(mm)		
MGW 7C	9	1.9	5.5	25	19	3	10	21	31.2	-	Ø1.2	M3x3	1.85	14	-	5.2	6	3.2	3.5	30	10	M3x6		
MGW 7H							19	30.8	41															
MGW 9C	12	2.9	6	30	21	4.5	12	27.5	39.3	-	Ø1.2	M3x3	2.4	18	-	7	6	4.5	3.5	30	10	M3x8		
MGW 9H							23	3.5	24														38.5	50.7
MGW 12C	14	3.4	8	40	28	6	15	31.3	46.1	-	Ø1.2	M3x3.6	2.8	24	-	8.5	8	4.5	4.5	40	15	M4x8		
MGW 12H							28	45.6	60.4															
MGW 15C	16	3.4	9	60	45	7.5	20	38	54.8	5.2	M3	M4x4.2	3.2	42	23	9.5	8	4.5	4.5	40	15	M4x10		
MGW 15H							35	57	73.8															

Note : 1 kgf = 9.81 N

Vidalı mil ve Somunlar Hassas Ovalanmış Miller

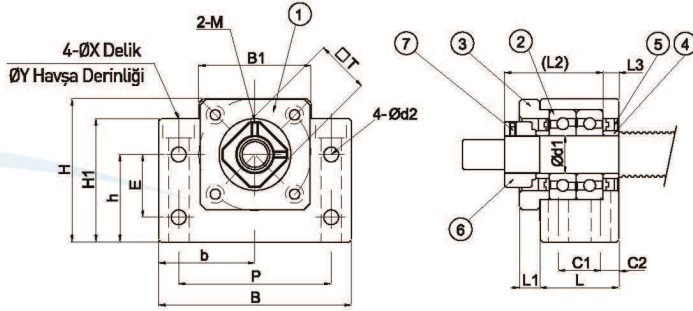
FSI Tip Somunlar

FSI (DIN 69051 Part 5)



Tip	Ölçü		Bilya çapı	Dönüş	Dinamik yük 1x10 ⁴ revs C (kgf)	Statik yük Co (kgf)	D	D4	Flanş delik No.	D5	D6	H1	L1	L2	L7	L11	yağ delik
	Mil çapı	Hatve															
16-5T3	16	5	3.175	3	1000	2000	28	38	6	5.5	48	40	10	40	10	5	M6x1P
20-5T3	20			3	1160	2660	36	47	6	6.6	58	44	10	44	10	5	M6x1P
20-5T4	20			4	1490	3550	36	47	6	6.6	58	44	10	52	10	5	M6x1P
25-5T3	25			3	1320	3490	40	51	6	6.6	62	48	10	44	10	5	M6x1P
25-5T4	25			4	1690	4660	40	51	6	6.6	62	48	12	52	10	5	M6x1P
25-10T3	25	10	4.763	3	2160	4860	40	51	6	6.6	62	48	16	65	10	5	M6x1P
32-5T3	32	5	3.175	3	1500	4660	50	65	6	9	80	62	10	46	12	6	M6x1P
32-5T4	32			4	1920	6210	50	65	6	9	80	62	10	53	12	6	M6x1P
32-5T6	32			6	2730	9320	50	65	6	9	80	62	10	66	12	6	M6x1P
32-10T3	32	10	6.350	3	3650	8660	50	65	6	9	80	62	16	74	12	6	M6x1P
32-10T4	32			4	4680	11550	50	65	6	9	80	62	16	85	12	6	M6x1P
40-5T4	40	5	3.175	4	2110	7770	63	78	8	9	93	70	10	53	14	7	M8x1P
40-5T6	40			6	2990	11650	63	78	8	9	93	70	10	66	14	7	M8x1P
40-10T3	40	10	6.350	3	4030	10680	63	78	8	9	93	70	16	74	14	7	M8x1P
40-10T4	40			4	5170	14240	63	78	8	9	93	70	16	87	14	7	M8x1P
50-5T4	50	5	3.175	4	2330	9990	75	93	8	11	110	85	10	57	16	8	M8x1P
50-5T6	50			6	3310	14980	75	93	8	11	110	85	10	70	16	8	M8x1P
50-10T3	50	10	6.350	3	4590	14000	75	93	8	11	110	85	16	78	16	8	M8x1P
50-10T4	50			4	5880	18660	75	93	8	11	110	85	16	89	16	8	M8x1P
50-10T6	50			6	8330	28000	75	93	8	11	110	85	16	112	16	8	M8x1P

BK Serisi



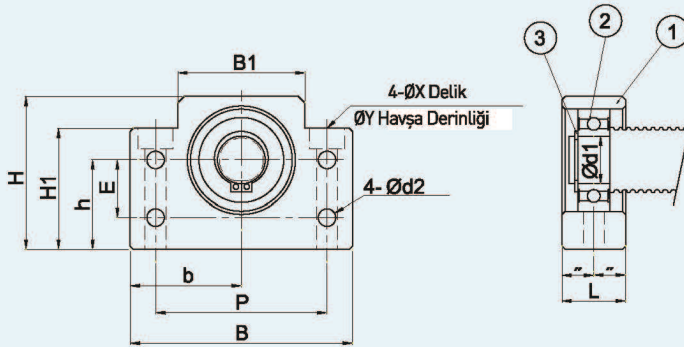
Parça No	Parça Adı	Adet
1	Yatak	1
2	Rulman	1 set
3	Yatak Kapağı	1
4	Kelepçe	2
5	Keçe	2
6	Ayar Vidası	1
7	Altıgen başlıklı ayar vidası	2

Spesifikasyon	Ölçüler (mm)																						Ağırlık (kg)
	d1	L	L1	L2	L3	B	H	b [Note 1]	h [Note 1]	B1	H1	E	P	C1	C2	d2	X	Y	Z	M	T		
BK10	10	25	5	29.5	5	60	39	30	22	34	32.5	15	46	13	6	5.5	6.6	10.8	5	M3	16	0.4	
BK12	12	25	5	29.5	5	60	43	30	25	34	32.5	18	46	13	6	5.5	6.6	10.8	1.5	M4	19	0.45	
BK15	15	27	6	32	6	70	48	35	28	40	38	18	54	15	6	5.5	6.6	11	6.5	M4	22	0.6	
BK17	17	35	9	44	7	86	64	43	39	50	55	28	68	19	8	6.6	9	14	8.5	M4	24	1.3	
BK20	20	35	8	43	8	88	60	44	34	52	50	22	70	19	8	6.6	9	14	8.5	M4	30	1.3	
BK25	25	42	12	54	9	106	80	53	48	64	70	33	85	22	10	9	11	17	11	M6	35	2.4	
BK30	30	45	14	61	9	128	89	64	51	76	78	33	102	23	11	11	14	20	13	M6	40	3.4	
BK35	35	50	14	67	12	140	96	70	52	88	79	35	114	26	12	11	14	20	13	M6	50	4.4	
BK40	40	61	18	76	15	160	110	80	60	100	90	37	130	33	14	14	18	26	17.5	M6	50	6.8	

Not: Yükseklik ve genişlik toleransı rulman hassasiyetine bağlıdır.



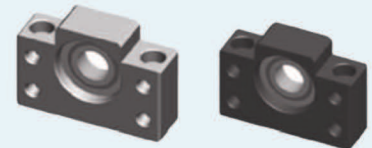
BF Serisi



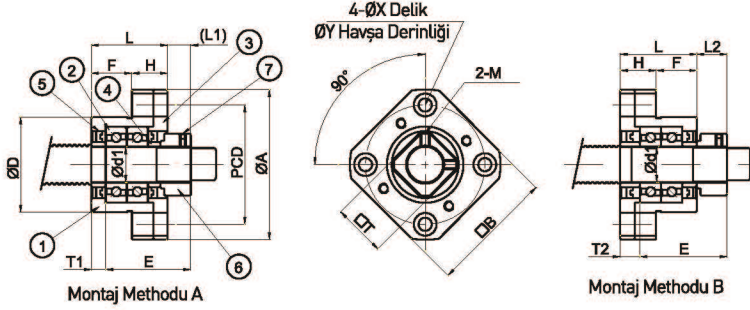
Parça No	Parça Adı	Adet
1	Yatak	1
2	Rulman	1
3	Yatak Kapağı	1

Spesifikasyon	Ölçüler (mm)																Rulman	Geçmeli Halka	Ağırlık (kg)
	d1	L	B	H	b [Note 1]	h [Note 1]	B1	H1	E	P	d2	X	Y	Z					
BF10	8	20	60	39	30	22	34	32.5	15	46	5.5	6.6	10.8	5	608ZZ	S08	0.3		
BF12	10	20	60	43	30	25	34	32.5	18	46	5.5	6.6	10.8	1.5	6000ZZ	S10	0.35		
BF15	15	20	70	48	35	28	40	38	18	54	5.5	6.6	11	6.5	6002ZZ	S15	0.4		
BF17	17	23	86	64	43	39	50	55	28	68	6.6	9	14	8.5	6203ZZ	S17	0.75		
BF20	20	26	88	60	44	34	52	50	22	70	6.6	9	14	8.5	6004ZZ	S20	0.77		
BF20H	20	26	88	74	44	48	52	64	-	70	-	9	14	8.5	6004ZZ	S20	1.02		
BF25	25	30	106	80	53	48	64	70	33	85	9	11	17	11	6205ZZ	S25	1.45		
BF30	30	32	128	89	64	51	76	78	33	102	11	14	20	13	6206ZZ	S30	1.95		
BF35	35	32	140	96	70	52	88	79	35	114	11	14	20	13	6207ZZ	S35	2.25		
BF40	40	37	160	110	80	60	100	90	37	130	14	18	26	17.5	6208ZZ	S40	3.3		

Not: Yükseklik ve genişlik toleransı rulman hassasiyetine bağlıdır.



FK Serisi



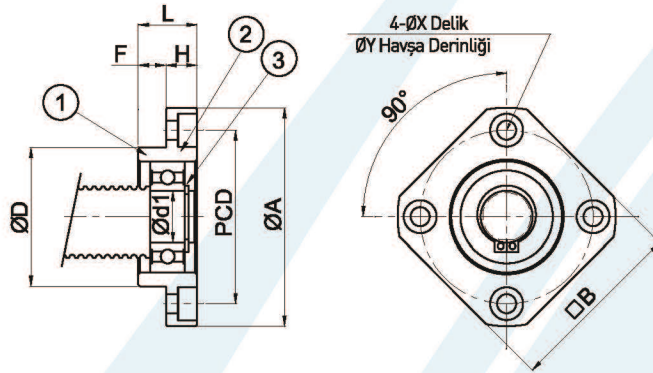
Parça No	Parça Adı	Adet
1	Yatak	1
2	Rulman	1 set
3	Yatak Kapağı	1
4	Kelepçe	2
5	Keçe	2
6	Ayar Vidası	1
7	Altıgen başlıklı ayar vidası	2

Spesifikasyon	Ölçüler [mm]																		
	d1	L	H	F	E	D (Note 1)	A	PCD	B	Montaj Metodu A		Montaj Metodu B		X	Y	Z	M	T	Ağırlık [kg]
										L1	T1	L2	T2						
FK05	5	16.5	6	10.5	18.5	20	34	26	26	5.5	3.5	5	3	3.4	6.5	4	M3	11	0.1
FK06	6	20	7	13	22	22	36	28	28	5.5	3.5	6.5	4.5	3.4	6.5	4	M3	11	0.1
FK08	8	23	9	14	26	28	43	35	35	7	4	8	5	3.4	6.5	4	M3	14	0.16
FK10	10	27	10	17	29.5	34	52	42	42	7.5	5	8.5	6	4.5	8	5	M3	16	0.25
FK12	12	27	10	17	29.5	36	54	44	44	7.5	5	8.5	6	4.5	8	5	M4	19	0.26
FK15	15	32	15	17	36	40	63	50	52	10	6	12	8	5.5	9.5	6	M4	22	0.4
FK17	17	45	22	23	47	50	77	62	61	11	9	14	12	6.6	11	10	M4	24	0.85
FK20	20	52	22	30	50	57	85	70	68	8	10	12	14	6.6	11	10	M4	30	1.2
FK25	25	57	27	30	60	63	98	80	79	13	10	20	17	9	15	13	M6	35	1.6
FK30	30	62	30	32	61	75	117	95	93	11	12	17	18	11	17.5	15	M6	40	2.38

Not: D çap toleransı rulman hassasiyetine bağlıdır.



8.1.8 FF Series



Parça No	Parça Adı	Adet
1	Yatak	1
2	Rulman	1
3	Yatak Kapağı	1

Spesifikasyon	Ölçüler (mm)												Geçmeli Halka	Ağırlık (kg)
	d1	L	H	F	D (Note 1)	A	PCD	B	X	Y	Z	Rulman		
FF06	6	10	6	4	22	36	28	28	3.4	6.5	4	606ZZ	S06	0.08
FF10	8	12	7	5	28	43	35	35	3.4	6.5	4	608ZZ	S08	0.1
FF12	10	15	7	8	34	52	42	42	4.5	8	4	6000ZZ	S10	0.15
FF15	15	17	9	8	40	63	50	52	5.5	9.5	5.5	6002ZZ	S15	0.22
FF17	17	20	11	9	50	77	62	61	6.6	11	6.5	6203ZZ	S17	0.35
FF20	20	20	11	9	57	85	70	68	6.6	11	6.5	6204ZZ	S20	0.45
FF25	25	24	14	10	63	98	80	79	9	14	8.5	6205ZZ	S25	0.66
FF30	30	27	18	9	75	117	95	93	11	17	11	6206ZZ	S30	1.05

Not: D çap toleransı rulman hassasiyetine bağlıdır.





Bilyalı Rulmanlar



Makaralı Rulmanlar



İğneli Rulmanlar



Özel Rulmanlar



Bakımsız Burçlar



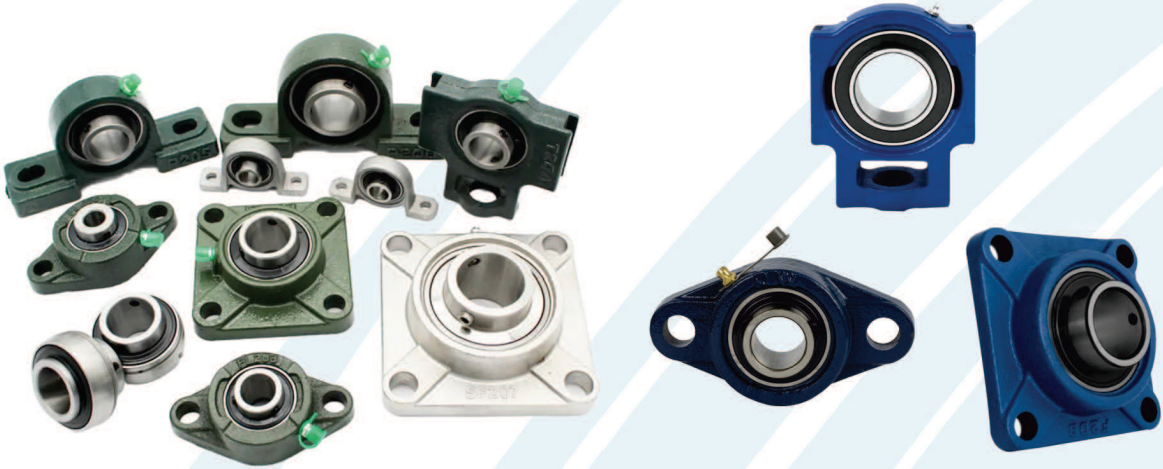
Rod Başlı Rulmanlar



Tek Yönlü Rulmanlar



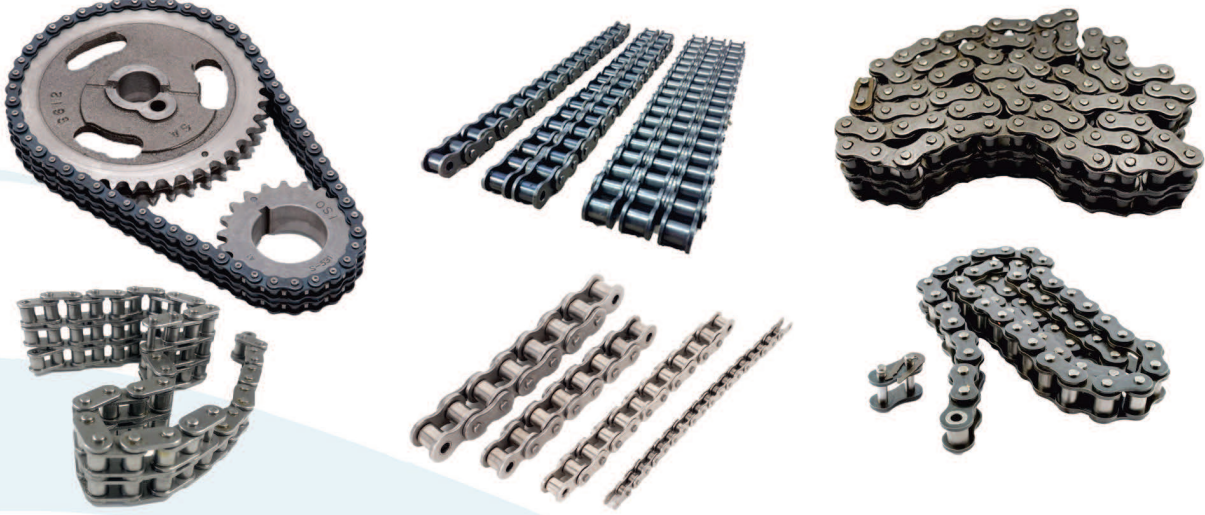
Yataklı Rulmanlar



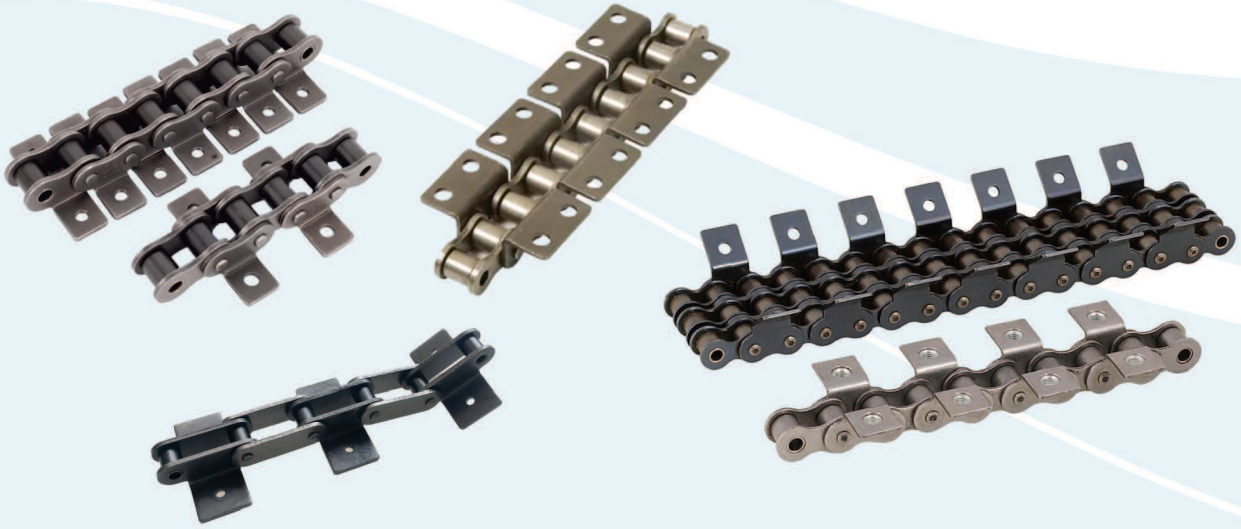
Plastik Yataklı Rulmanlar



Transmisyon Zinciri



Özel Kulaklı Zincirler



Zincir Dişliler



Kaplin Çeşitleri



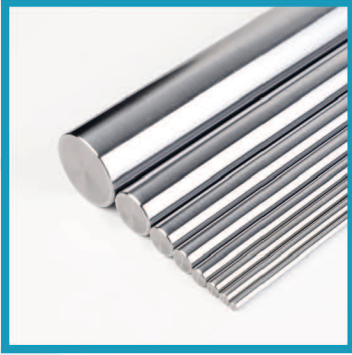
Konik Kilitler



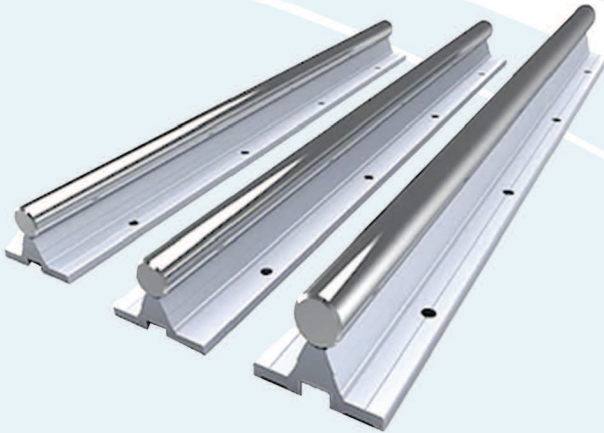
Döküm Yataklar



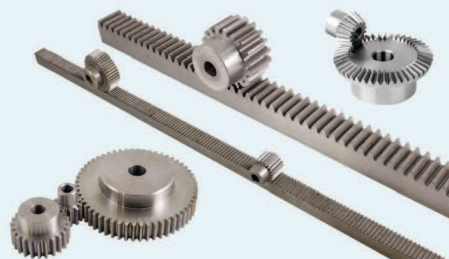
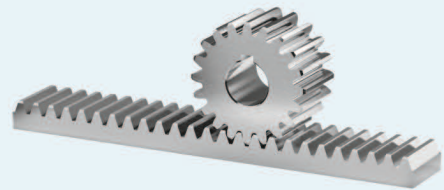
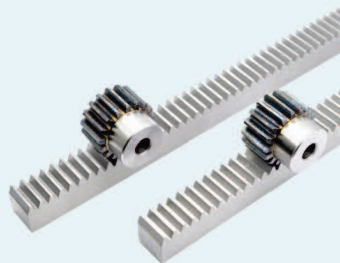
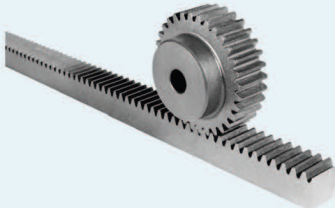
Miller



Alt Destekli Miller



Kremayer Diřliler



Sızdırmazlık Ürünleri



Tane Bilya Ve Masur Bilyalar



Burçlu Kasknaklar



Sanayi Tekerleri



V Kayışlar



U Mafsallar



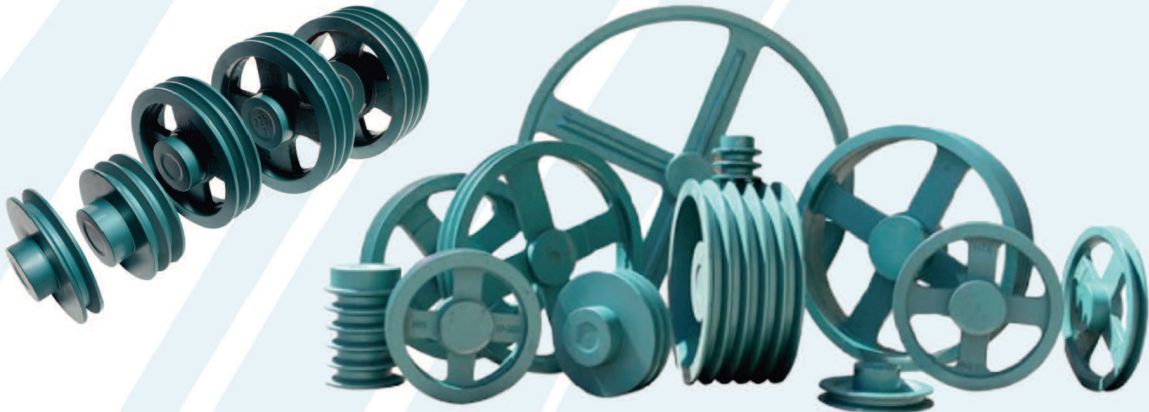
Manşonlar



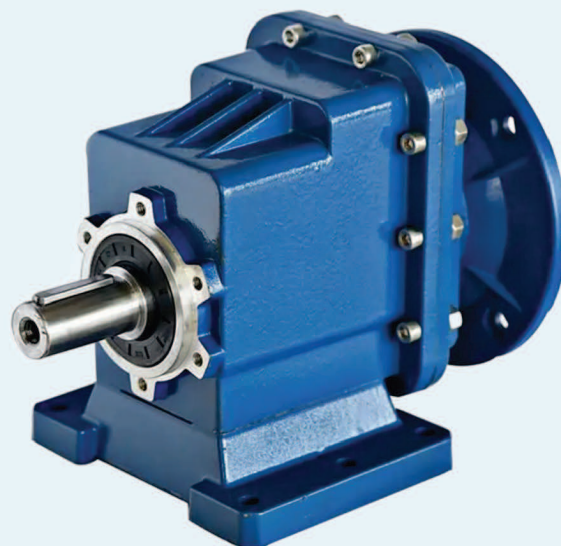
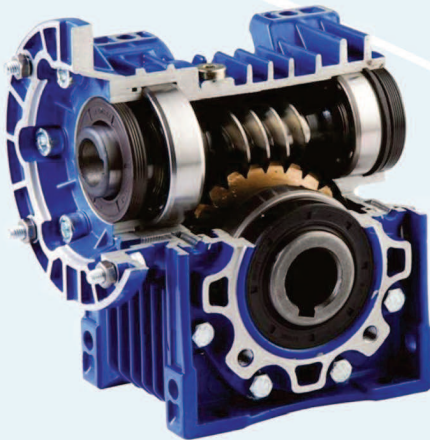
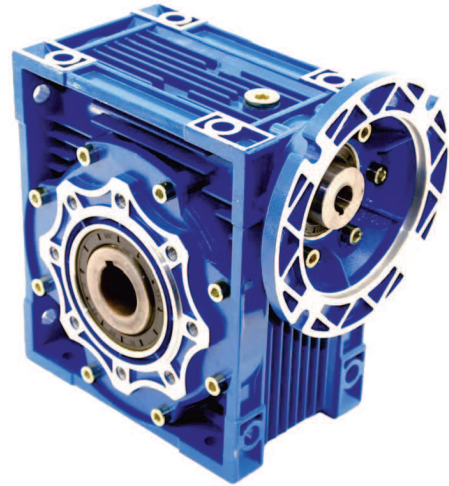
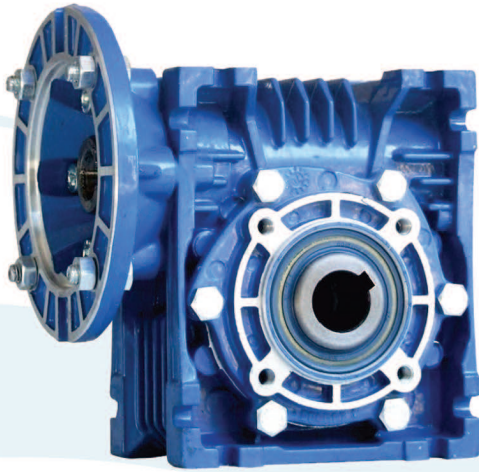
Zaman Triger Kayışları



Dolu Kasnaklar



Redüktörler





ADD/FORCE

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