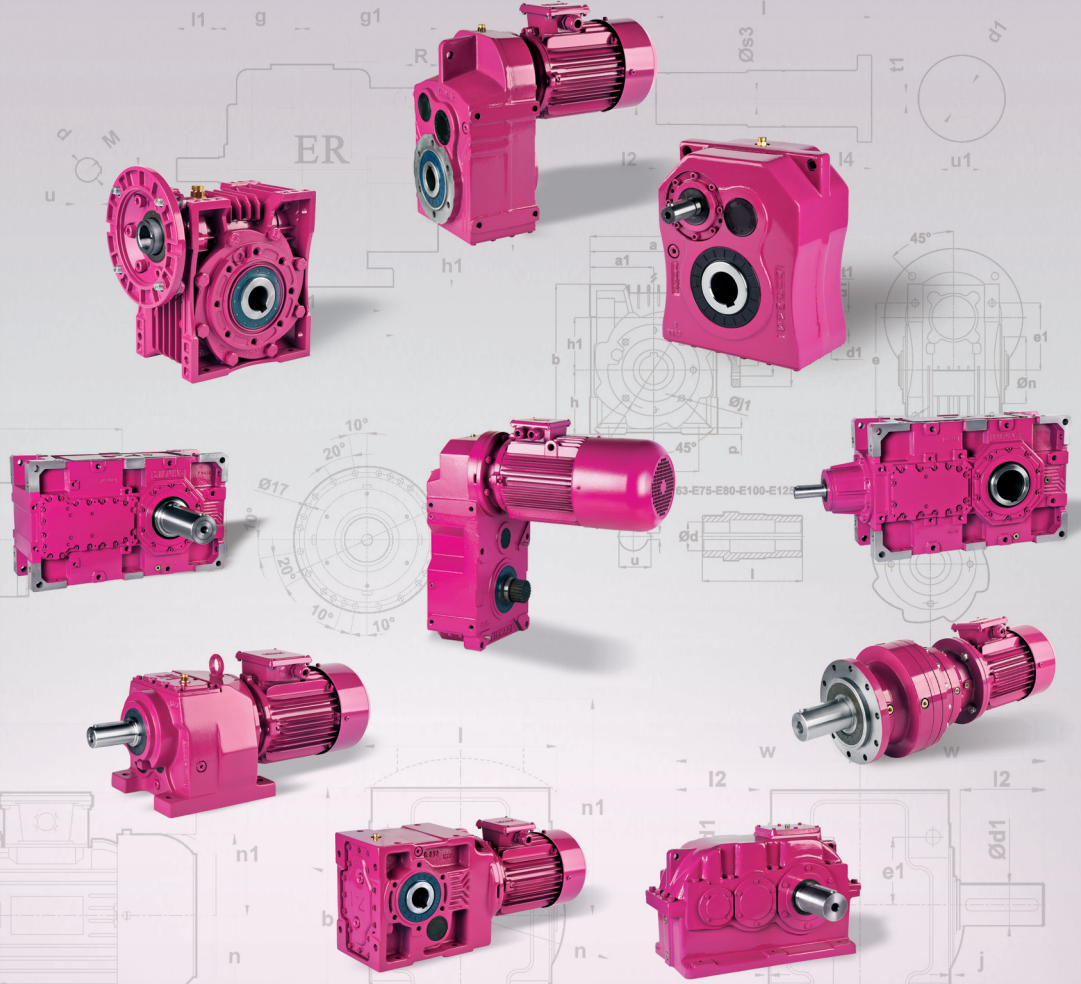




Ürünler ve Ölçüler Kataloğu

Products and Dimensions Catalogue

10 - 2015

06 03 - 10.15

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YILMAZ REDÜKTÖR A.Ş.

1958 yılında Sn. Mesut Yılmaz tarafından kurulan YILMAZ REDÜKTÖR, kararlı üretim kalitesi, iş anlayışındaki disiplini, doğru stratejileri ve tutarlı vizyonu ile ülkesinde kısa sürede liderliğe yerleşmiş, günümüze kadar liderliğini korumuş ve günümüzde Dünya'da da isminden bahsedilir bir marka olmayı başarmıştır.



Kurucumuz: Mesut YILMAZ
Our founder:

YILMAZ REDÜKTÖR yeni ürünlerine yılların birikimini yansıtırken, yeni teknolojiler ve mühendislik yatırımları ile ürünlerini sizlerin makina ve tesislerinizin ihtiyaçlarına en iyi cevap verebilecek şekilde geliştirmekte ve güvenilir iş ortağınız olmayı sürdürmektedir.

Pazarlara sunulan ürünlerimiz hafif sanayiden ağır sanayiye binlerce tesiste güvenle hizmet vermektedir. Avrupa'dan uzak doğuya 7 kıtaya ihracat yapan firmamız satış öncesi ve sonrası teknik destek ve servisleri ile sizlerin hizmetindedir.

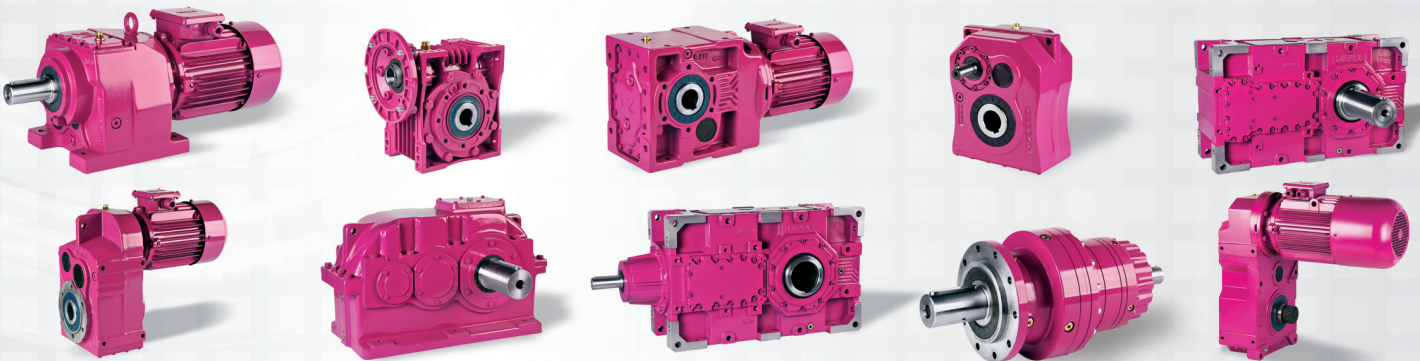
YILMAZ REDUKTOR was founded in the year 1958 by Mr. Mesut Yılmaz and he has managed to be the leader gearbox manufacturer in his country in a short time because of his stable production quality, work discipline, applied right strategies and consistent visions. Today YILMAZ REDUKTOR is the leader

company for gearbox manufacturing in Turkey and the name of YILMAZ is getting well known in the world.

YILMAZ REDUKTOR is developing best fitting products to your machines and foundations requirements by using its experience and investments in new technologies as well as engineering. We are and will remain your reliable partner.

The products we are supplying are running in many different industries also in heavy industries with high reliability. Our company is supplying products to 7 continents and we are ready to serve our customers before and after sales.

Bu katalogta verilen bilgileri, önceden haber vermeksizin kısmen veya tamamen değiştirme veya iptal etme hakkını saklı tutanz.
We reserve the right to make changes in the catalogue without giving information.
Das ganze Katalog oder ein Teil des Kataloges kann verändert werden, ohne in Kenntnis zu setzen.

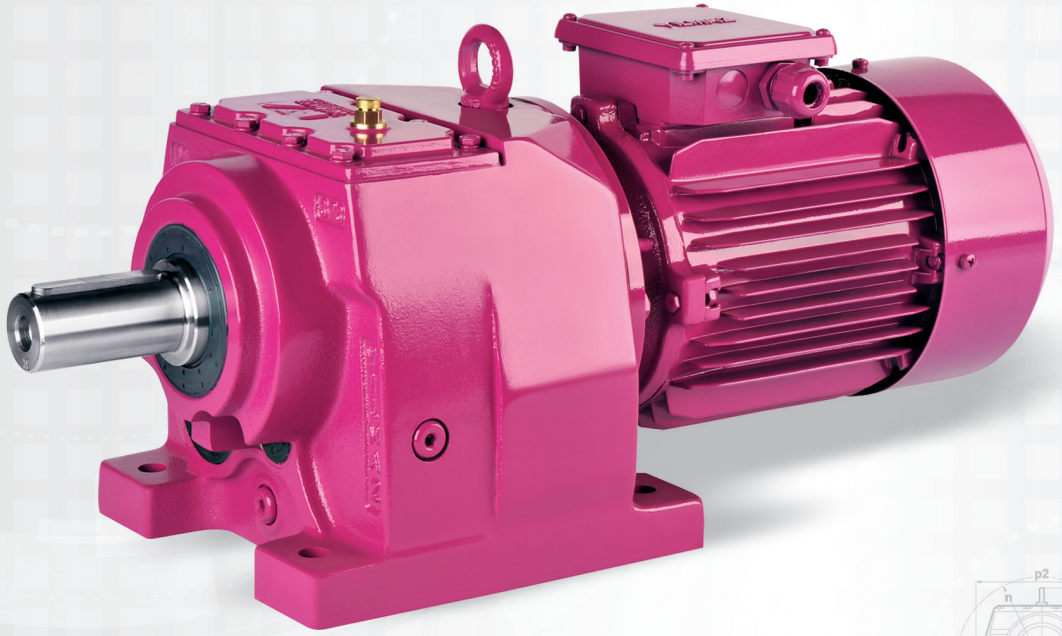


M

Serisi Series

NR

Helisel Monoblok Redüktörler Helical Monoblock Gearboxes

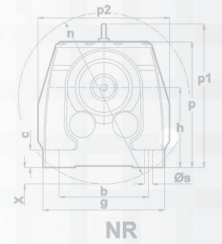


13 farklı büyüklükte,

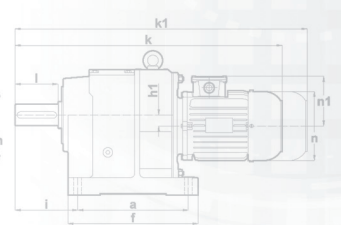
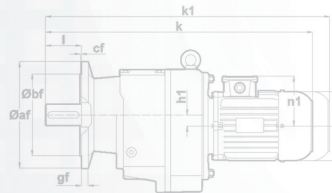
Moment Aralığı : 50-18.000 Nm
Devir Aralığı : 0,1-500d/dak
Kademe Sayısı : 1-6

13 different sizes,

Torque Range : 50-18.000 Nm
Speed Range : 0,1-500 rpm
Stage Number : 1-6



NR

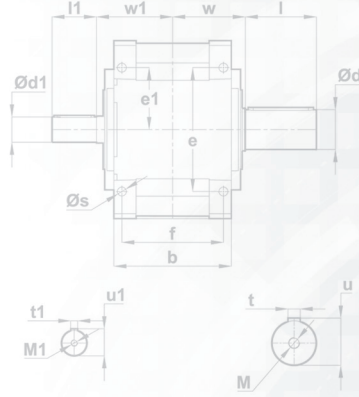
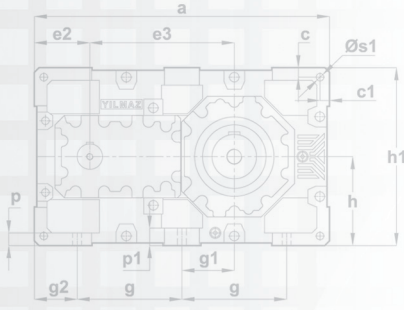


MR

M

Serisi

Series



M Serisi

M Serisi Redüktörler bilinen YILMAZ REDÜKTÖR kalitesindeki monoblok gövdeli helisel dişli redüktörlerdir. M Serileri aynı gövde büyüklüğündeki farklı ürünlere göre daha yüksek tork değerinde, daha sessiz ve daha ekonomiktir.

Gövde üzerindeki ayak bağlantı delikleri veya flanş bağlantısı ile makineye montajı yapılır. Çıkış milleri olarak üretilmektedir.

M Serisi Redüktörlerin Avantajları

- 6 Kademeye kadar redüksiyon artırımı seçeneği,
- Standart IEC B5 ve B14 motor bağlayabilme imkanı,
- Elektromanyetik frenli motorlarla seçilebilmesi,
- Yüksek ömürlü rulman kullanımı
- GG20 ve GGG40 dökme demir gövde malzemesi,
- 58-62 HRC değerleri arasında sertleştirilmiş ve taşlanmış dişliler.

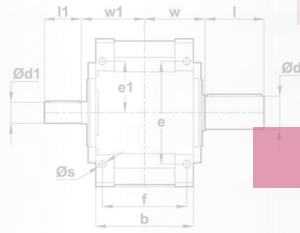
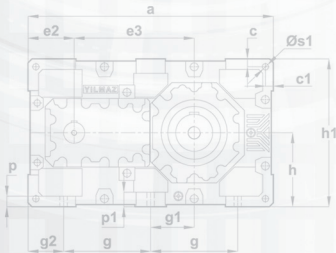
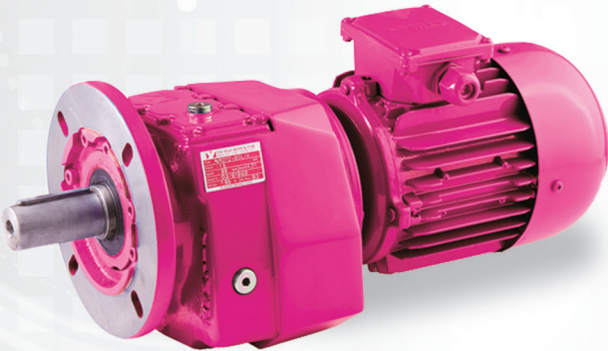
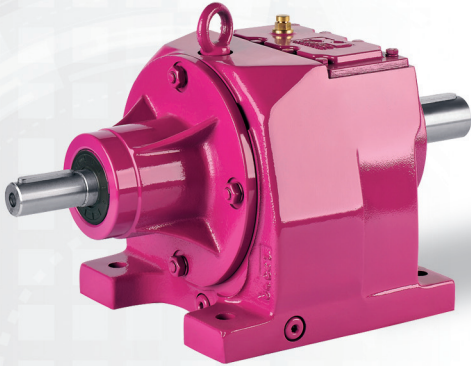
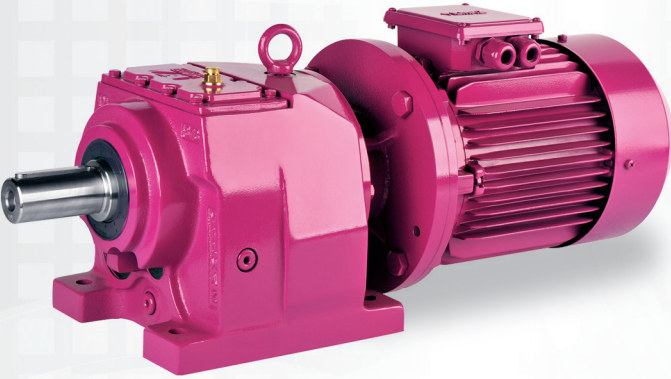
M Series

M Series are helical spur geared gearboxes with monoblock housing and well-known quality of YILMAZ REDÜKTÖR. M Series are more powerful, more noiseless and economical than same sized gearboxes which can be compared with different products.

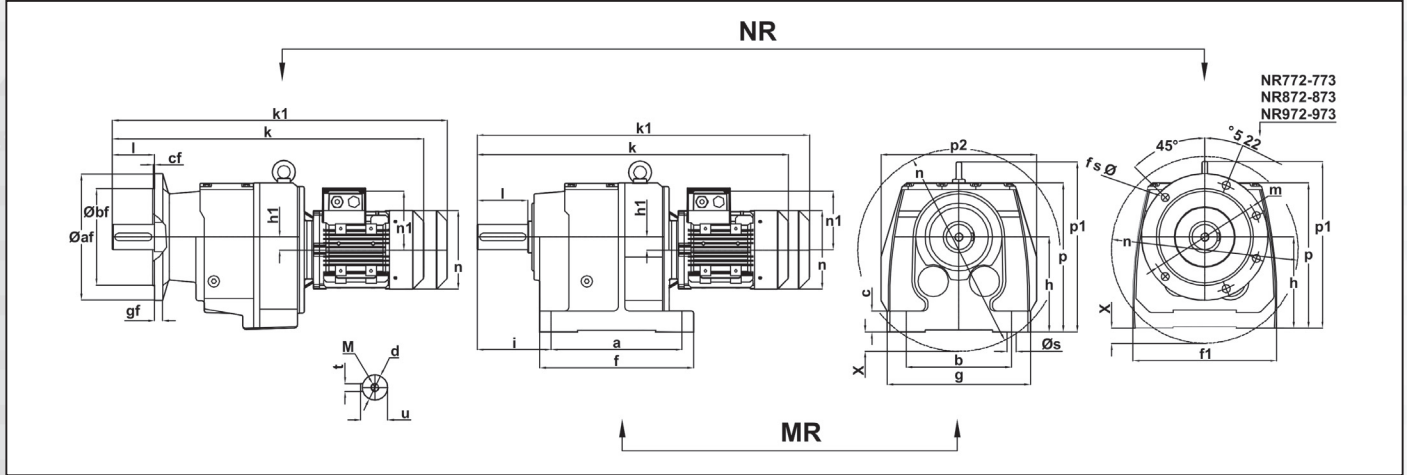
The gearbox can be connected to the machine by using the foot or flange on the gearbox. Has solid output shaft.

The advantages of M Series gearboxes:

- Monoblock housing design,
- Two staged and three staged gearboxes are available in same housings with high ratios and output torques,
- Increasing the transmission until 6 stages,
- Standard IEC B5 or B14 motor connection options,
- Electromagnetic braked motors,
- Using bearings with long lifetime,
- Cast iron housing from GG20 and GGG40 materials,
- Hardened and grinded gears with hardness between 58 to 62 HRC.



M Serisi Series



2-3 Kademeli Redüktörler ölçü tablosudur.
Dimensions table of gearboxes with 2-3 stages.

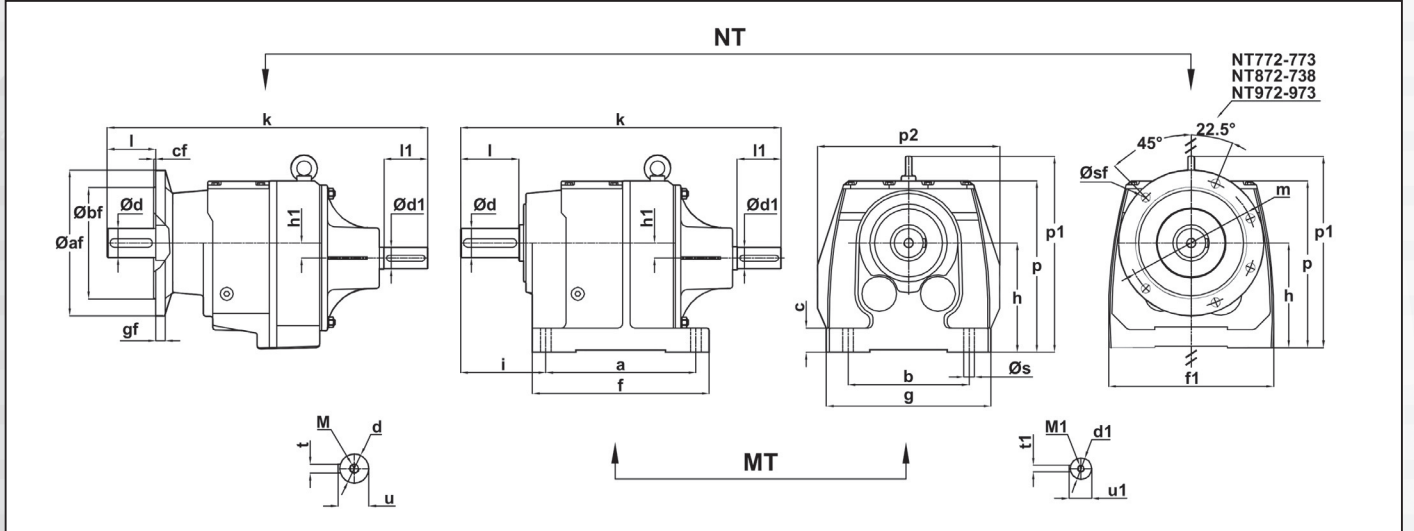
MR NR		Ayaklı Ölçüler Dimensions of Foot Mounting					Flanşlı Ölçüler Dimensions of Flange Mounting					Ortak Ölçüler Dimensions of both Gearbox Types												
		a b	c f	i	s g	p2	af bf	cf	gf	sf m	f1	p	p1	h h1	X	k	k1	n	n1	d	u	t	l	M
MR002	63														-	368	421	121	97					
MR003	71	100	13	77	9	-	140	3	10	10	130	132	-	75	2	397	533	137	112	20	22.5	6	40	M6
NR002	80	110	131		130		95			115				8.6	11	431	563	155	121					
NR003	90S														22	470	611	176	132					
	90L														22	470	611	176	132					
MR102	63														-	394	447	121	97					
MR103	71	130	18	80	9	-	160	4	10	10	130	153	-	90	-	424	560	137	112	25	28	8	50	M10
NR102	80	110	155		153		110			130				10.2	-	458	590	155	121					
NR103	90S														8	497	638	176	132					
	90L														8	497	638	176	132					
MR172	63														-	395	448	121	97					
MR173	71	130	18	72.5	9.5	165	160	4	10	10	130	151	-	90	-	424	560	137	112	25	28	8	50	M10
NR172	80	110	160		145		110			130				5.9	-	458	590	155	121					
NR173	90S														4	497	638	176	132					
	90L														4	497	638	176	132					
	100L														12.5	544,5	703	193	147					
	112M														23.5	569	717	215	158					
MR202	63														-	442	495	121	97					
MR203	71	165	25	99	11.5	-	200	4	15	12	165	190	-	115	-	470	606	137	112	30	33	8	60	M10
NR202	80	135	198		190		130			165				13	-	504	636	155	121					
NR203	90S														-	543	684	176	132					
	90L														-	543	684	176	132					
	100L														-	590,5	749	193	147					
	112M														4	615	763	215	158					
MR272	63														-	443	496	121	97					
MR273	71	165	24	96.5	11.5	202	200	4	15	12	165	192	-	115	-	471	607	137	112	35	38	10	70	M12
NR272	80	135	200		190		130			165				11.2	-	505	637	155	121					
NR273	90S														-	544	685	176	132					
	90L														-	544	685	176	132					
	100L														-	591,5	750	193	147					
	112M														4	616	764	215	158					
MR282	71														-	488,5	625	137	112					
MR283	80	195	29	103	14	220	250	4	15	14	215	218	265	130	-	522,5	655	155	121	35	38	10	70	M12
NR282	90L	150			210		180							11.9	-	561,5	703	176	132					
NR283	100L														-	609	767	193	147					
	112M														-	633,5	782	215	158					
	132S														10.5	720	870	257	179					
	132M														10.5	720	870	257	179					

Helisel Monoblok Redüktörler

Helical Monoblock Gearboxes

MR NR		Ayaklı Ölçüler Dimensions of Foot Mounting					Flanşlı Ölçüler Dimensions of Flange Mounting					Ortak Ölçüler Dimensions of both Gearbox Types																															
		a b	c f	i	s g	p2	af bf	cf	gf	sf m	f1	p	p1	h h1	X	k	k1	n	n1	d	u	t	l	M																			
MR372 MR373 NR372 NR373	71	205 170	30 245	115	16 230	239	250 180	4	14	14 215	239	232	287	140 9.2	-	509,5	646	137	112	40 (k6)	43	12	80	M16																			
	80														-	543,5	676	155	121																								
	90S														-	582,5	724	176	132																								
	90L														-	582,5	724	176	132																								
	100L														-	630	788	193	147																								
	112M														-	654,5	803	215	158																								
	132S														-	741	891	257	179																								
	132M														-	741	891	257	179																								
MR472 MR473 NR472 NR473	80	260 215	45 310	139	18 290	306	300 230	4	16	14 265	306	296	352	180 10.4	-	610,5	743	155	121	50 (k6)	53.5	14	100	M16																			
	90S														-	649,5	791	176	132																								
	90L														-	649,5	791	176	132																								
	100L														-	694	852	193	147																								
	112M														-	718,5	867	215	158																								
	132S														-	803,5	954	257	179																								
	132M														-	803,5	954	257	179																								
	160M														-	897	1065	315	219																								
	160L														-	897	1065	315	219																								
	180M														4	937,5	1117	347	234																								
	180L														4	937,5	1117	347	234																								
	MR572 MR573 NR572 NR573														100L	310 250	50 365	160	22 340						362	350 250	4	20	18 300	362	367	421	225 10.7	-	751,5	910	193	147	60 (m6)	64	18	120	M20
112M		-	776	924	215	158																																					
132S		-	862,5	1013	257	179																																					
132M		-	862,5	1013	257	179																																					
160M		-	956	1124	315	219																																					
160L		-	956	1124	315	219																																					
180M		-	996,5	1176	347	234																																					
180L		-	996,5	1176	347	234																																					
200L		-	1053	1237	385	267																																					
MR672 MR673 NR672 NR673		112M	370 290	65 440	190	26 400	440	400 300	4	20	18 350	440	415	484	250 12.7					-	833	981	215	158										70 (m6)	74.5	20	140	M20					
		132S																		-	919,5	1070	257	179																			
		132M																		-	919,5	1070	257	179																			
	160M	-														1013	1181	315	219																								
	160L	-														1013	1181	315	219																								
	180M	-														1053,5	1233	347	234																								
	180L	-														1053,5	1233	347	234																								
	200L	-														1110	1294	385	267																								
	225S	-														1155	-	434	285																								
	225M	-														1180	-	434	285																								
	MR772 MR773 NR772 NR773	132S														410 340	70 490	220	33 458	480	450 350	5	24	18 400	480	505	570	315 29	-	1000,5	1151	257	179						90 (m6)	95	25	170	M24
		132M																											-	1000,5	1151	257	179										
160M		-	1094	1262	315	219																																					
160L		-	1094	1262	315	219																																					
180M		-	1134,5	1314	347	234																																					
180L		-	1134,5	1314	347	234																																					
200L		-	1191	1375	385	267																																					
225S		-	1236,5	-	434	285																																					
225M		-	1261,5	-	434	285																																					
250M		-	1366	-	480	332																																					
MR872 MR873 NR872 NR873		132M	500 380	80 583	265	38 530	556	550 450	5	25	18 500	556	570	643	355 24.2														-	1129,5	1280	257	179	110 (m6)	116	28	210	M24					
		160M																											-	1129,5	1280	257	179										
	160L	-														1203	1371	315	219																								
	180M	-														1203	1371	315	219																								
	180L	-														1243,5	1423	347	234																								
	200L	-														1243,5	1423	347	234																								
	225S	-														1300	1484	385	267																								
	225M	-														1348	-	434	285																								
	250M	-														1373	-	434	285																								
	280S	-														1476	-	544	350																								
	280M	-														1537	-	544	350																								
	MR972 MR973 NR972 NR973	160M														580 500	100 670	270	38 660	688	660 550	6	28	22 600	688	688	774	425 61	-	1269	1437	257	179						120 (m6)	127	32	210	M24
160L		-	1269	1437	315	219																																					
180M		-	1309,5	1489	315	219																																					
180L		-	1309,5	1489	347	234																																					
200L		-	1366	1550	347	234																																					
225S		-	1403	-	385	267																																					
225M		-	1426	-	434	285																																					
250M		-	1529	-	434	285																																					
280S		-	1590	-	544	350																																					
280M		-	1590	-	544	350																																					
315S		-	1702	-	614	510																																					
315M		-	1754	-	614	510																																					

M Serisi Series



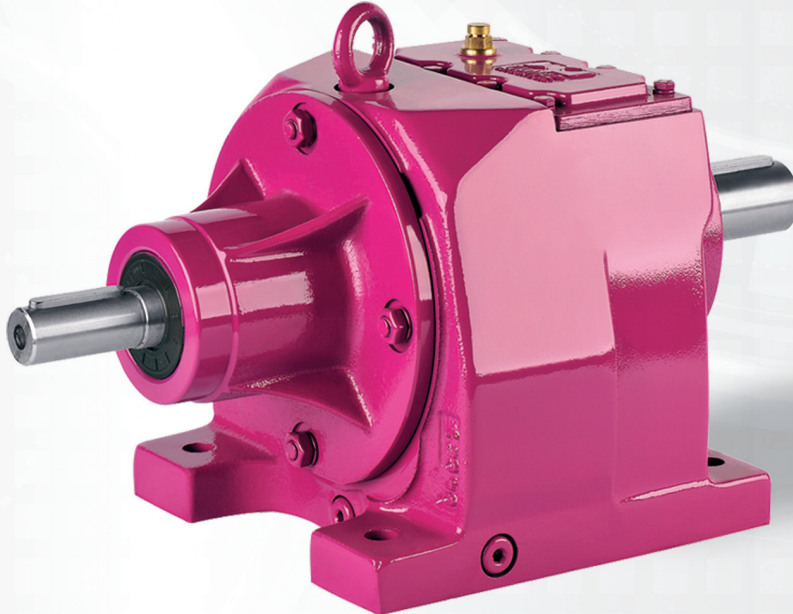
2-3 Kademeli Redüktörler ölçü tablosudur.
Dimensions table of gearboxes with 2-3 stages.

MT NT	Ayaklı Ölçüler Dimensions of Foot Mounting					Flanşlı Ölçüler Dimensions of Flange Mounting					Ortak Ölçüler Dimensions of both Geatbox Types												
	a b	c f	i	s g	p2	af bf	cf	gf	sf m	f1	k	h	h1	p	p1	d	u	t	d1	u1	t1	M M1	l l1
MT002 NT002 NT003	110 110	13 131	77	9 130	-	140 95	3	10	10 115	130	278	75	8,6	132	-	20 (k6)	22,5	6	19 (k6)	21,5	6	M6 M6	40 40
MT102 MT103 NT102 NT103	130 110	18 155	80	9 153	-	160 110	4	10	10 130	153	341	90	10,2	155	-	25 (k6)	28	8	24 (k6)	27	8	M10 M8	50 50
MT172 MT173 NT172 NT173	130 110	18 160	72,5	9.5 145	165	160 110	4	10	10 130	165	341	90	5,9	151	-	25 (k6)	28	8	24 (k6)	27	8	M10 M8	50 50
MT202 NT202 NT203	165 135	25 198	99	11.5 190	-	200 130	4	15	12 165	190	396	115	13	191	-	30 (k6)	33	8	24 (k6)	27	8	M10 M8	60 50
MT272 MT273 NT272 NT273	165 135	24 200	96,5	11.5 190	202	200 130	4	15	12 165	202	397	115	11,2	192	-	35 (k6)	38	10	24 (k6)	27	8	M12 M8	70 50
MT282 NT282 NT283	195 150	29 235	103	14 210	220	250 180	4	15	14 215	220	446	130	11,9	218	265	35 (k6)	38	10	28 (k6)	31	8	M12 M10	70 60
MT372 NT372 NT373	205 170	30 245	115	16 230	239	250 180	4	14	14 215	239	467	140	9,2	232	287	40 (k6)	43	12	28 (k6)	31	8	M16 M10	80 60
MT472 NT472 NT473	260 215	45 310	139	18 290	306	300 230	4	16	14 265	306	556	180	10,4	296	352	50 (k6)	53,5	14	34 (k6)	37	10	M16 M12	100 70

Helisel Monoblok Redüktörler

Helical Monoblock Gearboxes

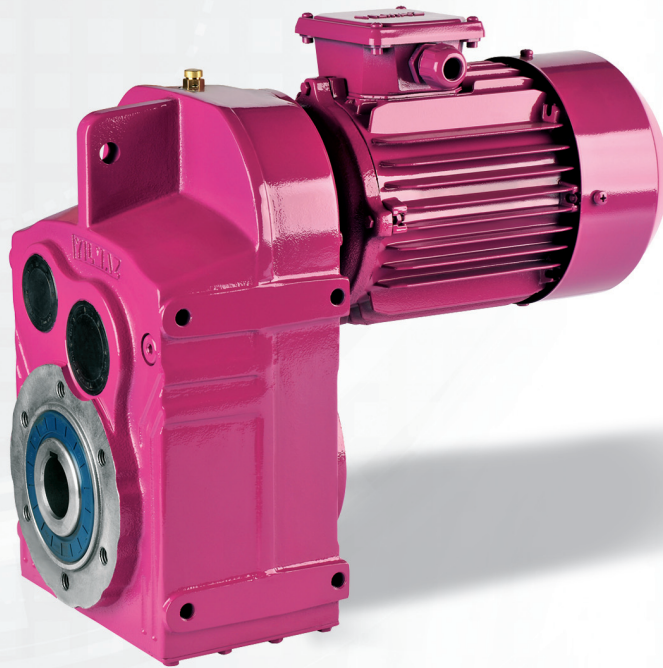
MT NT	Ayaklı Ölçüler Dimensions of Foot Mounting					Flanşlı Ölçüler Dimensions of Flange Mounting					Ortak Ölçüler Dimensions of both Geatbox Types												
	a b	c f	i	s g	p2	af bf	cf	gf	sf m	f1	k	h	h1	p	p1	d	u	t	d1	u1	t1	M M1	I I1
MT572 NT572 NT573	310 250	50 365	160	22 340	362	350 250	4	20	18 300	362	652	225	10,7	367	421	60 (m6)	64	18	44 (m6)	47	12	M20 M16	120 90
MT672 NT672 NT673	370 290	65 440	190	26 400	440	400 300	4	20	18 350	440	746	250	12,7	415	484	70 (m6)	74,5	20	48 (m6)	51,5	14	M20 M16	140 100
MT772 NT772 NT773	410 340	70 490	220	33 458	480	450 350	5	24	18 400	480	870	315	29	505	570	90 (m6)	95	25	55 (m6)	59	16	M24 M20	170 100
MT872 NT872 NT873	500 380	80 583	265	38 530	556	550 450	5	25	18 500	556	1012	355	24,2	570	643	110 (m6)	116	28	55 (m6)	59	16	M24 M20	210 120
MT972 NT972 NT973	580 500	100 670	270	38 660	688	660 550	6	28	22 600	688	1096	425	61	688	774	120 (m6)	127	32	55 (m6)	59	16	M24 M20	210 120



D

Serisi Series

Delik Milli Redüktörler Hollow Shaft Mounted Gearboxes



10 farklı büyüklükte,

Moment Aralığı : 130-18.000 Nm

Devir Aralığı : 0,1-350d/dak

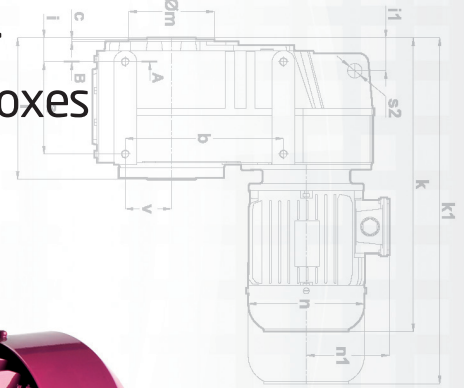
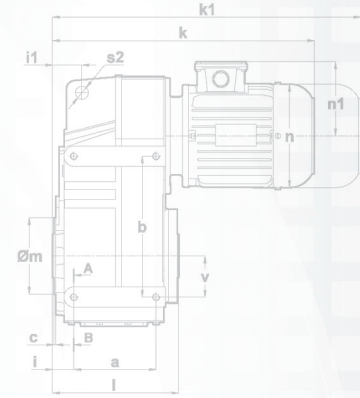
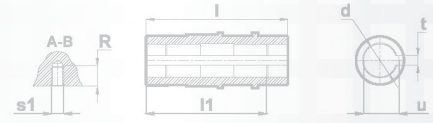
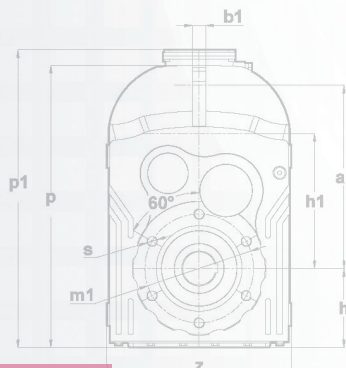
Kademe Sayısı : 2-6

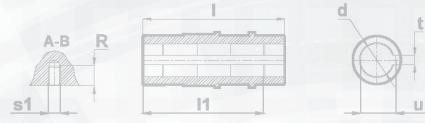
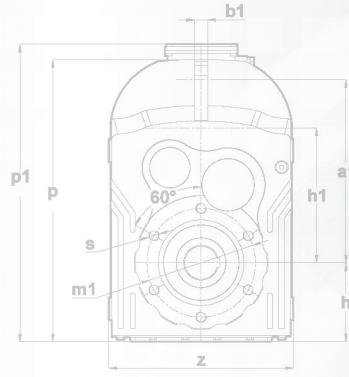
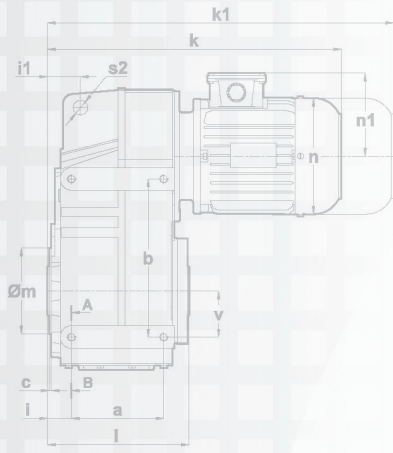
10 different sizes,

Torque Range : 130-18.000 Nm

Speed Range : 0,1-350 rpm

Stage Number : 2-6





D

Serisi

Series

D Serisi

D serisi redüktörler helisel alın dişliye sahiptir. Giriş ve çıkış milleri aynı düzlem üzerinde, birbirine paralel ve belirli bir aralıkta yerleştirilmiştir. İki yan yüzde bulunan bağlantı civataları, flanş veya tork kolu ile makineye sabitlenebilen redüktörlerdir.

D serileri kompakt tasarımı rahat montajı ve estetik görünüşü ile YILMAZ REDÜKTÖR ürün ailesindendir. Helisel dişlileri ve diğer parçaları diğer ürünlerde olduğu gibi YILMAZ REDÜKTÖR kalite sisteminde kontrol edildikten sonra montajlanır.

D Serisi Redüktörlerin Avantajları

- Delik mil ile veya çıkış mili ile montajı,
- Flanş bağlantı çeşitliliği,
- Kolay kullanımı,
- Yüksek ömürlü rulman kullanımı
- GG20 pik, GGG40 döküm gövde,
- Geniş tahvil oranı ve tork aralığı seçenekleri

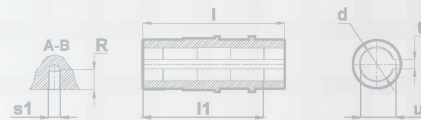
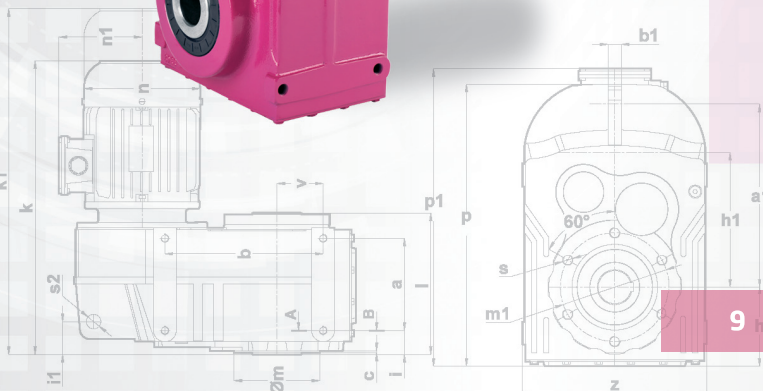
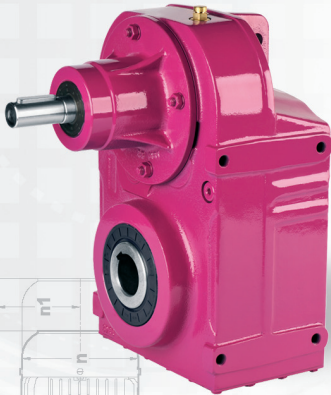
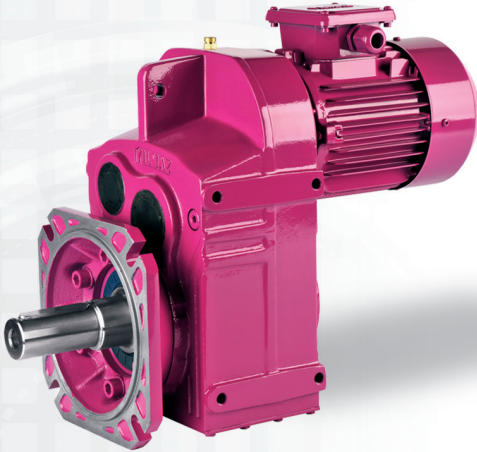
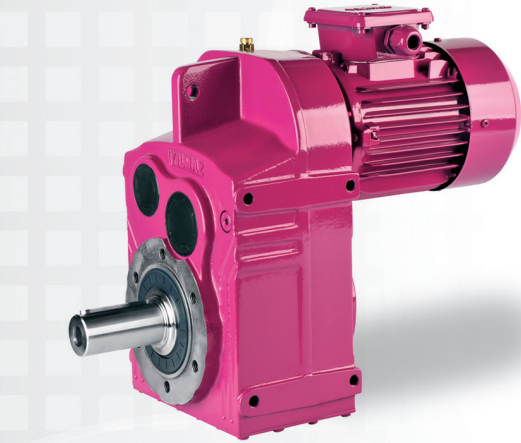
D Series

D Series are helical geared gearboxes with parallel input and output shafts. The shafts have a distance in between and located on the same plane. The gearbox can be assembled to the machine by using the foot, the connection screws on the sides, flange or torque arm on the gearbox.

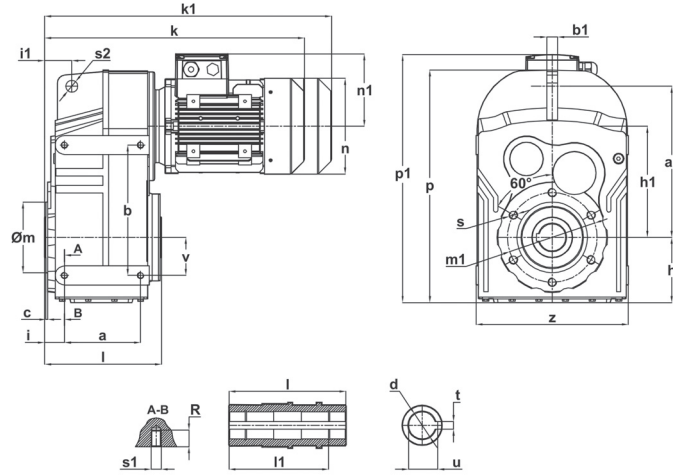
D series gearboxes are members of YILMAZ REDUKTOR family with compact design, comfortable mounting and aesthetic outlook. Helical gears and other parts will be assembled like at all gearboxes after testes according YILMAZ REDUKTOR quality system.

The advantages of D Series gearboxes:

- Mounting possibilities with hollow or solid output shaft,
- Flange connection options,
- Easy usage,
- GG20 cast iron, GGG40 housing material,
- Wide range of transmission ratio and torque options.



D Serisi Series



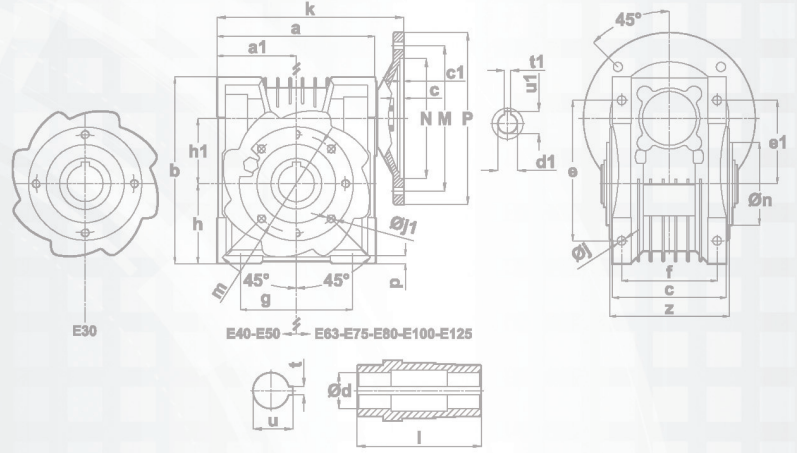
2,3 Kademeli Redüktörler ölçü tablosudur
Dimensions table of gearboxes with 2,3 stages.

DR		Montaj Ölçüleri Dimensions for Mounting										Dış Boyutlar Dimensions of Outline						Mil Ölçüleri Dimensions of Shaft				
		a a1	b b1	c	h h1	m m1	i i1	s s1	s2 R	v	z	p	p1	k	k1	n	n1	d	u	t	l	l1
DR172.00 DR173.00	63	77 158	115 14	2.5	73 116	80 92	22.5 31.5	M8 M8	16 10	31	172	254	286	308	361	121	97	30	33.3	8	120	105
	71												299	337	473	137	112					
	80												307	371	503	155	121					
	90S												315	410	551	176	132					
	90L												315	410	551	176	132					
	100L												324	456	616	193	147					
DR272.00 DR273.00	63	98 170	145 14	2.5	81 139	86 100	31 32	M10 M10	16 12	43	188	286	317	338	391	121	97	35	38.3	10	157	132
	71												330	367	503	137	112					
	80												338	401	533	155	121					
	90S												346	440	581	176	132					
	90L												346	440	581	176	132					
	100L												355	488	646	193	147					
DR282.00 DR283.00	71	102 198	170 14	3	90.5 147	110 130	33.5 40.5	M12 M12	16 12	55	207	320	348	370	506	137	112	40	43.3	12	166	142
	80												356	404	536	155	121					
	90S												364	443	584	176	132					
	90L												364	443	584	176	132					
	100L												373	491	649	193	147					
	112M												384	515	663	215	158					
DR372.00 DR373.00	71	112 218	190 16	3	100 169	110 130	37.5 41	M12 M12	16 15	60	219	352	379	381	517	137	112	40	43.3	12	185	156
	80												387	415	547	155	121					
	90S												395	454	595	176	132					
	90L												395	454	595	176	132					
	100L												405	502	660	193	147					
	112M												416	526	674	215	158					
DR472.00 DR473.00	71	140 278	240 20	3	120 204.5	130 165	36.5 50	M16 M12	22 18	70	280	428	435	405	541	137	112	50	53.8	14	215	183
	80												443	439	571	155	121					
	90S												451	478	619	176	132					
	90L												451	478	619	176	132					
	100L												460	526	684	193	147					
	112M												471	550	698	215	158					
	132S												493	637	787	257	179					
	132M												493	637	787	257	179					

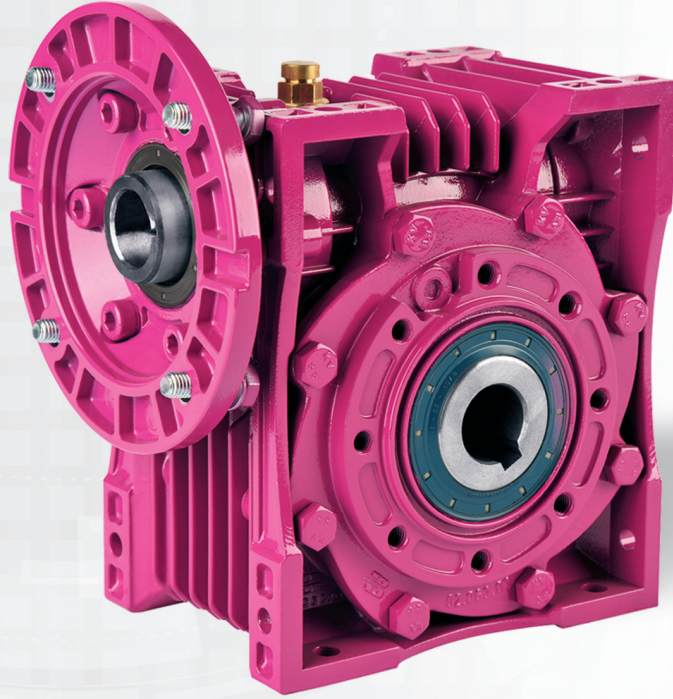
Delik Milli Redüktörler Hollow shaft mounted gearboxes

DR		Montaj Ölçüleri Dimensions for Mounting										Dış Boyutlar Dimensions of Outline						Mil Ölçüleri Dimensions of Shaft				
		a a1	b b1	c	h h1	m m1	i i1	s s1	s2 R	v	z	p	p1	k	k1	n	n1	d	u	t	l	l1
DR572.00 DR573.00	80	165 346	310 26	3	151 260	180 215	43 62	M16 M16	22 24	100	339	541	-	461	593	155	121	60	64.4	18	246	210
	90S												-	500	641	176	132					
	90L												-	500	641	176	132					
	100L												546	544	702	193	147					
	112M												557	569	717	215	158					
	132S												579	654	804	257	179					
	132M												579	654	804	257	179					
	160L												636	747	915	315	219					
	160M												636	747	915	315	219					
	180M												652	788	967	347	234					
	180L												652	788	967	347	234					
DR672.00 DR673.00	100L	205 395	350 30	3	176 298	180 215	48.5 70	M16 M16	26 24	120	412	630	-	593	751	193	147	70	74.9	20	308	270
	112M												-	617	765	215	158					
	132S												642	704	854	257	179					
	132M												642	704	854	257	179					
	160L												699	797	965	315	219					
	160M												699	797	965	315	219					
	180M												715	838	1017	347	234					
	180L												715	838	1017	347	234					
	200L												749	894	1078	385	267					
	200L												749	894	1078	385	267					
DR772.00 DR773.00	100L	235 485	400 36	4	202 343	230 265	69.5 88	M20 M24	26 34	125	464	727	-	585	743	193	147	90	95.4	25	363	313
	112M												-	655	803	215	158					
	132S												-	742	892	257	179					
	132M												-	742	892	257	179					
	160M												770	835	1003	315	219					
	160L												770	835	1003	315	219					
	180M												786	876	1055	347	234					
	180L												786	876	1055	347	234					
	200L												820	932	1116	385	267					
	225S												830	977	-	434	285					
	225M												830	1002	-	434	285					
DR872.00 DR873.00	132S	280 550	450 40	5	233 400	250 300	79 110	M24 M24	45 34	142	530	863	-	809	959	257	179	110	116.4	28	428	373
	132M												-	809	959	257	179					
	160M												-	882	1050	315	219					
	160L												-	882	1050	315	219					
	180M												874	923	1102	347	234					
	180L												874	923	1102	347	234					
	200L												908	979	1163	385	267					
	225S												918	1027	-	434	285					
	225M												918	1052	-	434	285					
	250M												955	1155	-	480	322					
	280S												983	1216	-	544	350					
	280M												983	1216	-	544	350					
DR972.00 DR973.00	160M	310 660	540 45	5	271 455	300 350	118 150	M30 M30	45 35	170	660	1049	-	949	1117	315	219	120	127.4	32	500	460
	160L												-	949	1117	315	219					
	180M												-	990	1169	347	234					
	180L												-	990	1169	347	234					
	200L												-	1046	1230	385	267					
	225S												-	1081	-	434	285					
	225M												-	1106	-	434	285					
	250M												-	1209	-	480	322					
	280S												1076	1270	-	544	350					
	280M												1076	1270	-	544	350					
	315S												1236	1425	-	614	510					
	315M												1236	1425	-	614	510					

E Serisi Series



Sonsuz Tip Redüktörler Worm Gearboxes

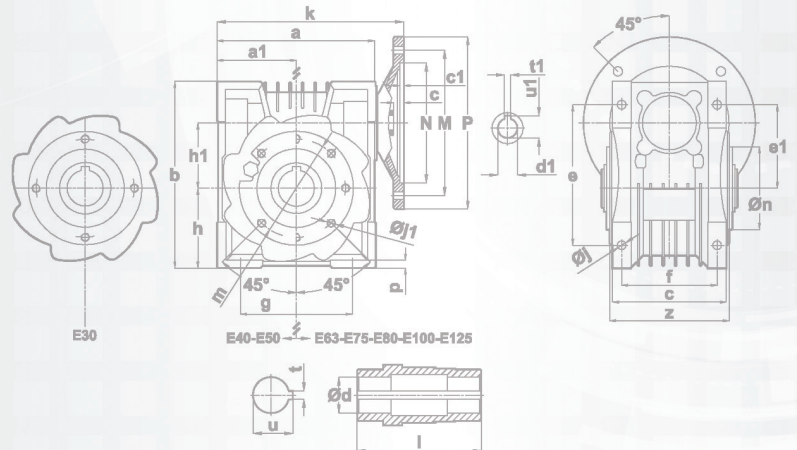


8 farklı büyüklükte,

Moment Aralığı : 5-1.000 Nm
Devir Aralığı : 0,1-400d/dak
Kademe Sayısı : Tek Kademe

8 different sizes,

Torque Range : 5-1.000 Nm
Speed Range : 0,1-400 rpm
Stage Number : One Stage



E

Serisi

Series

E Serisi

E serisi redüktörler sonsuz vida ve çark dişli, belirli bir aralıkta ve birbirine dik konumlandırılmış giriş ve çıkış millerine sahip, çepeçevre konumlandırılmış ayak bağlantıları, flanş veya tork kolu ile makineye sabitlenebilen redüktörlerdir.

E serisi modüler tasarımı ile esnek montaj pozisyonlarına, optimize edilmiş soğutma kanatçıkları ile birlikte maksimum termal kapasiteye sahiptir. Tek kademedede 7.5 -100 tahvil oran aralığına sahiptir. Daha yüksek tahvil oranı akuple gövde ile mümkündür. Fren kullanmak yerine tahvil oranına göre otoblokajlı olarak kullanılabilir.

E Serisi Redüktörlerin Avantajları

- Sertleştirilmiş ve taşlanmış sonsuz vida ve bronz çark ile yüksek ömre sahip
- E30, E40, E50, E63, E75 ve E80 büyüklüklerinde alüminyum enjeksiyon gövde,
- E100 ve E125 büyüklüklerinde ise GG20 pik döküm gövde.

E Series

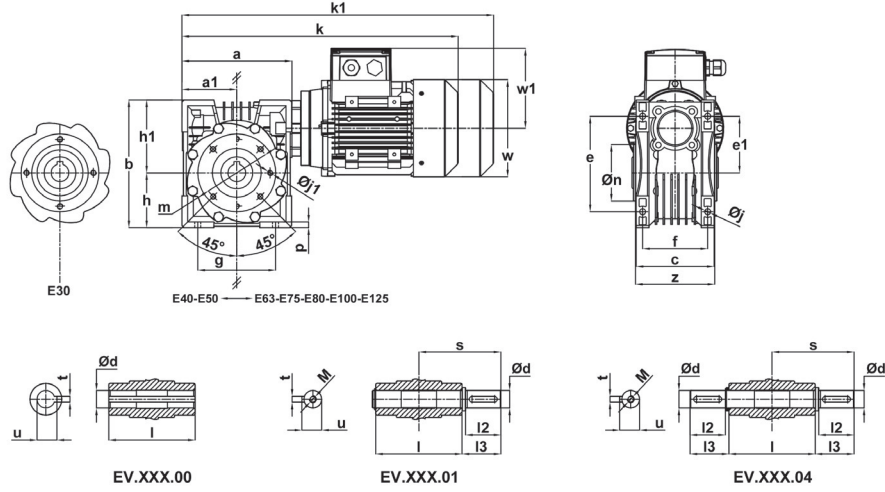
E series gearboxes are with worm and wormwheel. The input and output shafts are perpendicular to each other and have a certain distance. It can be assembled to the driven machine by the use of the foot, flange or torque arm on the gearbox.

E series have modular design with flexible mounting positions and maximum thermal capacity by optimized design of cooling ribs. Have different ratios from 7.5 up to 100 in single stage. High ratios are possible with double gearboxes. Instead of using brakes according to transmission ratio this gearboxes can be used with their irreversibly feature.

The advantages of E Series gearboxes:

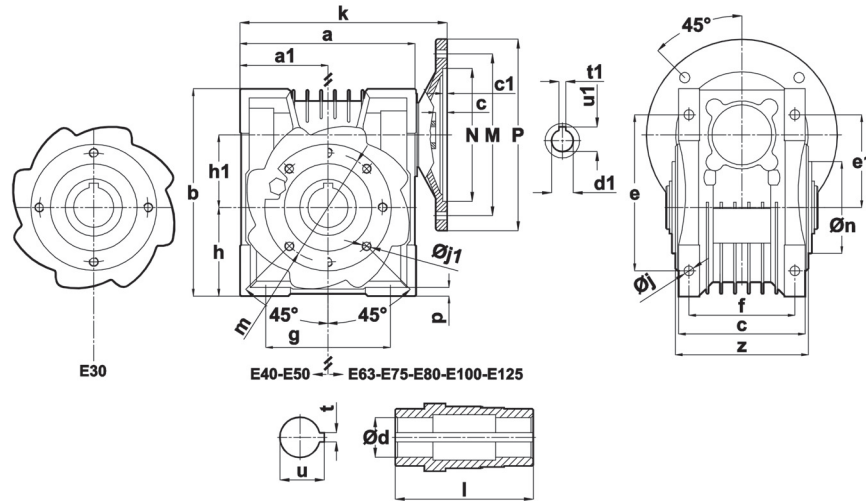
- Long lifetime with heat treated and grinded worm gears and bronze worm wheel
- E30, E40, E50, E63, E75 and E80 are offering with aluminium injection housings
- E100 and E125 are offering with GG20 cast iron housings.

E Serisi Series



EV		Montaj Ölçüleri Dimensions for Mounting														Dış Boyutlar Dimensions of Outline				M11 Ölçüleri Dimensions of Shaft							
		a a1	b	c	e	e1	f	g	h h1	p	j	j1	m n	s	z	k	k1	w	w1	d	t	u u1	l	l2	l3	M	
EV030.00	56	81	97	55	72	44,5	45	55	40	6	6.5	M5	65	67	61	235.5	-	105	96	14	5	16.3	66	30	34	M5	
	63	40							30				55			287.5	340.5	121	97			16					
EV040.00	63	103	122	70	90	56	60	70	50	6	6.5	M6	65	85.5	73	321	374	121	97	18	6	20.8	82	40	44.5	M6	
EV040.01	71	51.5							40				50			410	546	137	112			20.5					
EV050.00	63	124	150	90	110	70	75	79	60	7	8.5	M8	85	104	94	342	395	121	97	25	8	28.3	98	50	55	M10	
	71															360	496	137	112								
	80															383	515	155	121								
	90S															424	565	176	132								
EV050.01	90L	61							50				70			424	565	176	132			28					
EV063.00	71	154	180	110	135	80	92	110	77	8	8.5	M8	95	116	112	390	526	137	112	25	8	28.3	122	50	55	M10	
	80															413	545	155	121								
	90S															454	595	176	132								
	90															454	595	176	132								
EV075.00	80	174	208	112	153	93	90	120	86	10	11.5	M8	115	132	114	434.5	566.5	155	121	35	10	38.3	120	65	72	M12	
	90S															475.5	616.5	176	132								
	90L															475.5	616.5	176	132								
	100L															511.5	669.5	193	147								
	112M															531.5	679.5	215	158								
EV080.00	80	192	226	120	172	104	100	137	96	10	13	M8	115	138,5	122	452.5	584.5	155	121	35	10	38.3	133	65	72	M12	
	90															493.5	634.5	176	132								
	90L															493.5	634.5	176	132								
	100L															529.5	687.5	193	147								
	112M															549.5	697.5	215	158								
EV100.00	80	234	275	135	195	115	110	160	115	14	13	M8	130	165	140	494.5	626.5	155	121	42	12	45.3	156	80	87	M16	
	90S															535.5	676.5	176	132								
	90L															535.5	676.5	176	132								
	100L															571.5	729.5	193	147								
	112M															591.5	739.5	215	158								
EV125.00	90S	290	350	155	260	150	125	210	145	16	13	M10	165	200	169	598	739	176	132	45	14	48.8	185	100	107.5	M16	
	90L															598	739	176	132								
	100L															634	792	193	147								
	112M															654	802	215	158								
	132S															738	888	257	179								
EV125.01	132M	145							125				130			738	888	257	179			48.5					

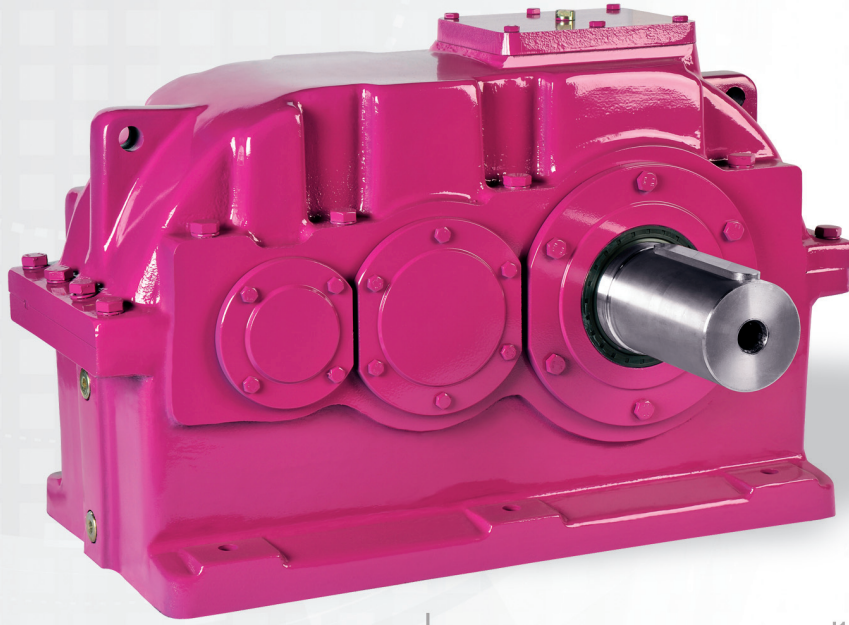
Sonsuz Tip Redüktörler worm gearboxes



EN	Montaj Ölçüleri Dimensions For Mounting										Flanş Ölçüleri Dimensions Of Flange					Mil Ölçüleri Dimensionsof Shaft						
	a a1	b	c	e e1	f f	h h1	j j1	m m	p p	k	N	M	P	c	c1	d	t	u	d1	t1	u1	l
EN030.00	56/B14	81									50	65	80	4.2	3				9	3	10.4	
	63/B14	40	97	55	72	45	40	6.5	65	6	60	75	90	4.2	3	14	5	16.3	11	4	12.8	66
	63/B5				44.5	55	30	M5	55	61	95	115	140	4.2	3.5				11	4	12.8	
EN040.00	63/B14										60	75	90	4	2.5				11	4	12.8	
	71/B14	103	122	70	90	60	50	6.5	65	6	70	85	105	4	2.5	18	6	20.8	14	5	16.3	82
	63/B5	51.5			56	70	40	M6	50	73	95	115	140	4	3.5				11	4	12.8	
	71/B5										110	130	160	4	4				14	5	16.3	
	71/B14										70	85	105	10.7	3				14	5	16.3	
EN050.00	80/B14										80	100	120	10.7	4				19	6	21.8	
	90/B14	124	150	90	110	75	60	8.5	85	7	95	115	140	10.7	4.5	25	8	28.3	24	8	27.3	98
	63/B5	61			70	79	50	M8	70	94	95	115	140	10.7	4.5				11	4	12.8	
	71/B5										110	130	160	10.7	4.5				14	5	16.3	
	80/B5										130	165	200	10.7	4.5				19	6	21.8	
	90/B5										130	165	200	10.7	4.5				24	8	27.3	
	71/B14										70	85	105	5.7	3				14	5	16.3	
	80/B14										80	100	120	5.7	4				19	6	21.8	
EN063.00	90/B14	154	180	110	135	92	77	8.5	95	8	95	115	140	5.7	4.5	25	8	28.3	24	8	27.3	122
	71/B5	77			80	110	63	M8	80	112	110	130	160	5.7	4.5				14	5	16.3	
	80/B5										130	165	200	5.7	4.5				19	6	21.8	
	90/B5										130	165	200	5.7	4.5				24	8	27.3	
	80/B14										80	100	120	10.5	5				19	6	21.8	
	90/B14										95	115	140	10.5	5				24	8	27.3	
EN075.00	100-112/B14	174	208	112	153	90	86	11.5	115	10	110	130	160	10.5	4	35	10	38.3	28	8	31.3	120
	80/B5	87			93	120	75	M8	95	114	130	165	200	10.5	4.5				19	6	21.8	
	90/B5										130	165	200	10.5	4.5				24	8	27.3	
	100-112/B5										180	215	250	10.5	4.5				28	8	31.3	
	80/B14										80	100	120	5.5	5				19	6	21.8	
EN080.00	90/B14										95	115	140	5.5	5				24	8	27.3	
	100-112/B14	192	226	120	172	100	96	13	115	10	110	130	160	5.5	5	35	10	38.3	28	8	31.3	133
	80/B5	96			104	137	80	M8	95	122	130	165	200	5.5	4.5				19	6	21.8	
	90/B5										130	165	200	5.5	4.5				24	8	27.3	
	100-112/B5										180	215	250	5.5	4.5				28	8	31.3	
	80/B14										80	100	120	5.5	5				19	6	21.8	
EN100.00	90/B14										95	115	140	5.5	5				24	8	27.3	
	100-112/B14	234	275	135	195	110	115	13	130	14	110	130	160	5.5	4	42	12	45.3	28	8	31.3	156
	80/B5	117			115	160	100	M8	110	140	130	165	200	5.5	4.5				19	6	21.8	
	90/B5										130	165	200	5.5	4.5				24	8	27.3	
	100-112/B5										180	215	250	5.5	4.5				28	8	31.3	
	100-112/B14										110	130	160	12.8	4				28	8	31.3	
EN125.00	132/B14	290	350	155	260	125	145	13	165	16	130	165	200	12.8	4	45	14	48.8	38	10	41.3	185
	90/B5	145			150	210	125	M10	130	169	130	165	200	12.8	4				24	8	27.3	
	100-112/B5										180	215	250	15.8	4				28	8	31.3	
	132/B5										230	265	300	15.8	4				38	10	41.3	

Y Serisi Series

Yatık Tip Redüktörler Horizontal Type Gear Unit

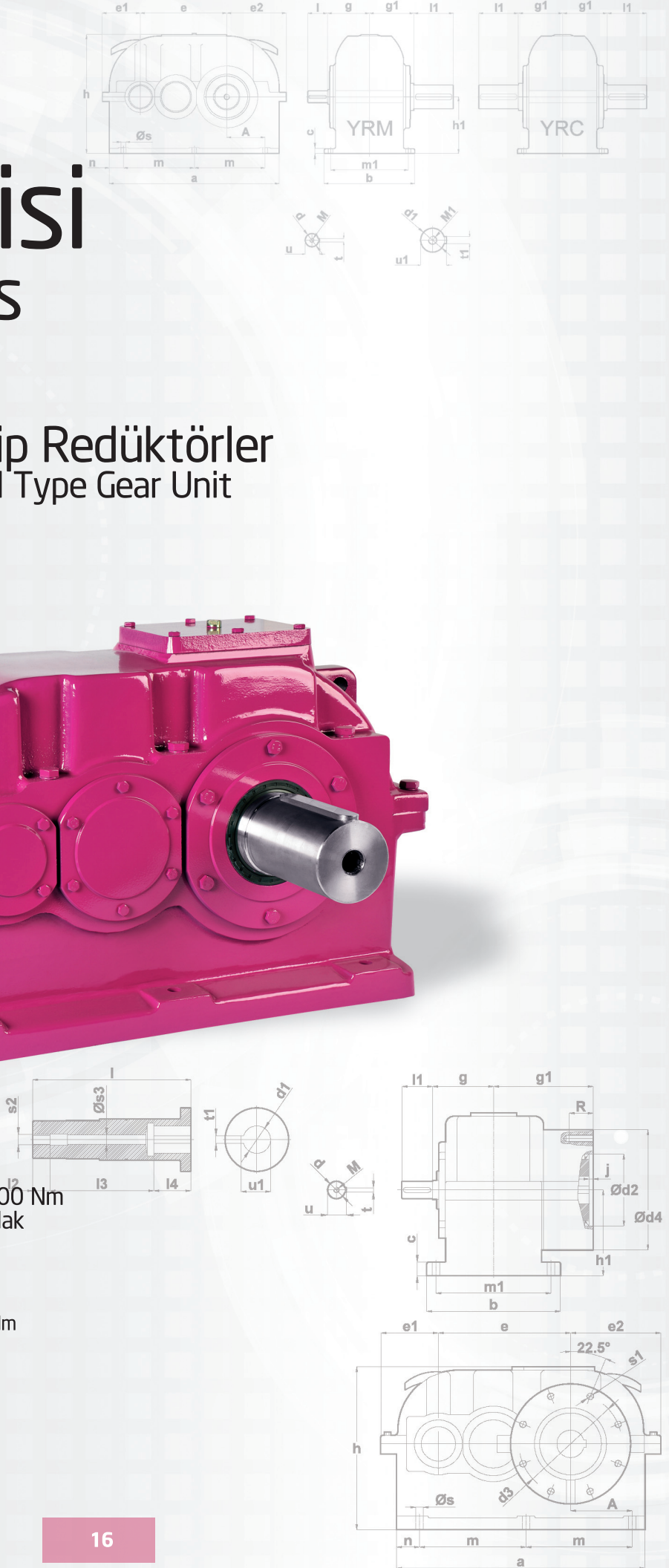


25 farklı büyüklükte,

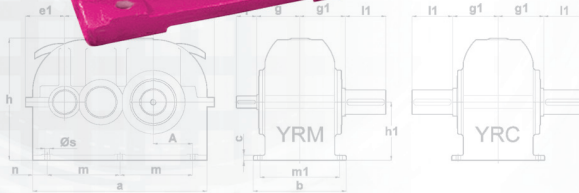
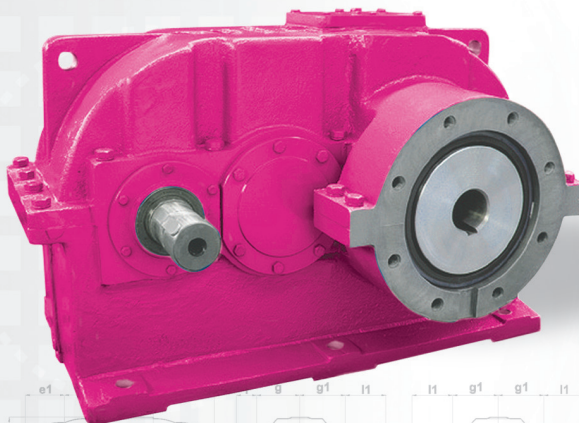
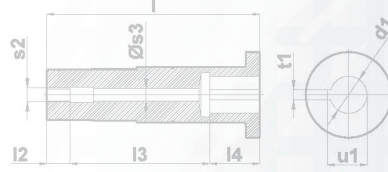
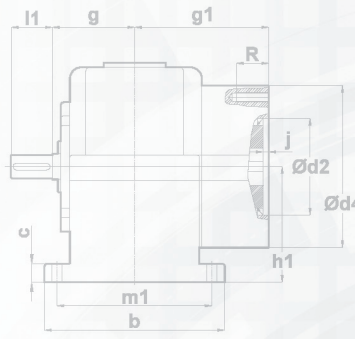
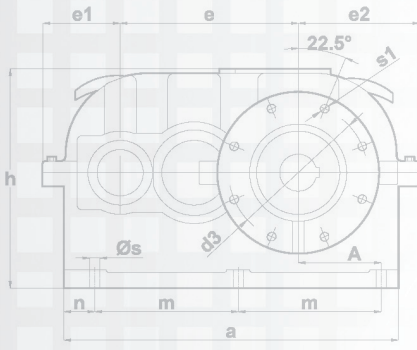
Moment Aralığı : 1200-43.000 Nm
Devir Aralığı : 2,6-990d/dak
Kademe Sayısı : 1-4

25 different sizes,

Torque Range : 1200-43.000 Nm
Speed Range : 2,6-990 rpm
Stage Number : 1-4



Y Serisi Series



Y Serisi

Y serisi redüktörler çok ağır şartlarda çalışmak üzere dizayn edilmiş endüstriyel tip redüktörlerdir. Bu tiplerde redüktör ile bunu tahrik eden mekanizma arasında değişik bağlantı şekilleri mevcuttur (mekanik ve hidrolik kaplinler, çeşitli tip kayışlar ve zincirle tahrik gibi).

Y serisi redüktörlerin gövdesi ve kapağı GGG40 malzemeden dökülmüştür. Dişliler yüksek kaliteli olarak taşlanmış, sertleştirilmiş sementasyon çeliğindendir. Ortam sıcaklığının yüksek olduğu yerlerde soğutmalı olarak kullanılabilir.

Y Serisi Redüktörlerin Avantajları

- ISO standartlarına uygun eksen aralığı,
- Kolay bakım özelliği,
- Geniş endüstriyel kullanım alanı,
- Geniş gövde büyüklüğü ve tahvil oranı aralığı

YRE tipi yatık redüktörler, extruder uygulamaları için özel geliştirilmiş olup çıkıştan gelen eksenel yükleri karşılayabilecek şekilde tasarlanmıştır. Ön extruder boğazı gövde ile yekpare dökülmüş olup, ön boğaza yüksek mukavemet kazandırılmıştır.

Y Series

Y series are industrial gearboxes designed to work under heavy conditions. At these gearboxes there are a lot of different connection types between gearbox and driver (for example: mechanic and hydraulic couplings, various belt and chain drives).

Housing and cover of Y series gearboxes are from GGG40 material. Gears are grinded for high quality and are from case-hardening steel. Can be used with cooling equipment where the ambient temperature is very high.

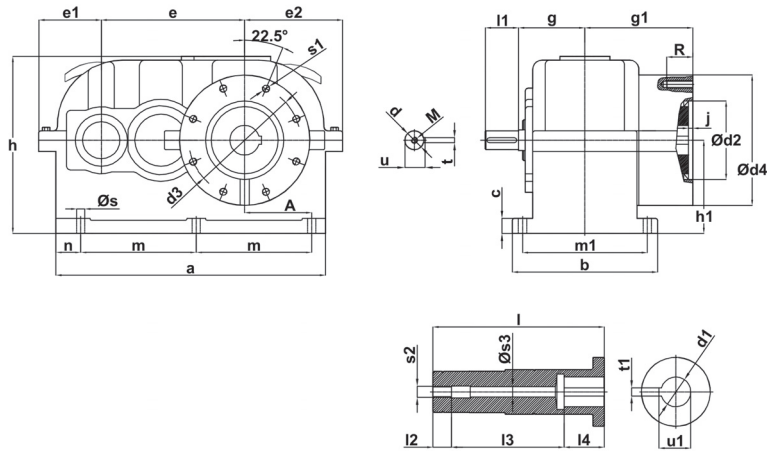
The advantages of Y Series gearboxes:

- Distance of centre hole according to ISO standards
- Easy maintenance
- Wide range of industrial usage
- Wide range of housing size and transmission ratio

YRE types are specially designed for extruder applications and withstand high axial loads on the output shaft. The extruder housing and main housing are casted together for having high yield strength.



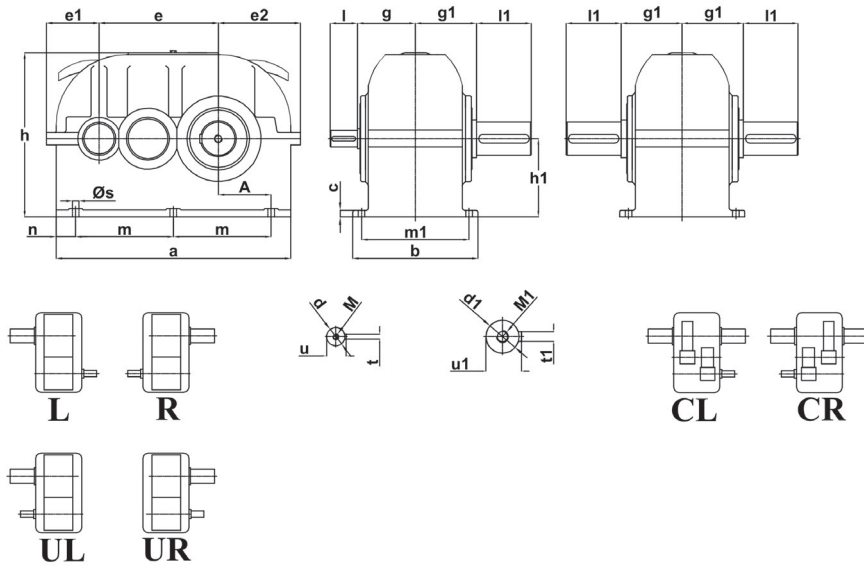
Y
Serisi
Series



2 Kademeli Redüktörler ölçü tablosudur.
Dimensions table of gearboxes with 2 stages.

YRE	Montaj Ölçüleri														Mil Ölçüleri							
	Dimensions for Mounting														Dimensions of Shaft							
	a	b	g g1	c	e	e1 e2	m n	m1 A	h h1	s s1	ød2	ød3 ød4	j	R	d d1	t t1	u u1	l l1	l2 l3	l4 M	s2 s3	
YRE2240	475	245	132 225	25	240	106 171	200 35	210 110	340 160	13 M14	165	195 230	10	60	34 55	10 16	37 59.3	345 70	77 138	130 M12	M30 33	
YRE2275	534	290	150 230	32	275	126 189	230 38	245 125	345 180	17 M14	200	225 260	10	60	38 40	10 12	41 43.3	352 70	77 210	70 M12	M36 38	
YRE2305	600	320	160 250	40	305	135 210	250 50	275 135	435 200	17 M16	215	250 285	10	60	42 50	12 14	45 53.8	396 80	72 239	85 M16	M36 38	
YRE2340	665	355	172 260	40	340	148 238	270 60	300 142	465 225	17 M14	200	230 270	10	60	48 65	14 18	51.5 69.4	428 80	72 246	110 M16	M36 38	
YRE2385	730	390	190 290	40	385	168 263	318 49	335 175	515 250	22 M20	215	300 350	12	50	50 80	14 22	53.5 85.4	460 90	72 238	150 M16	M36 38	
YRE2430	816	450	203 323	50	430	184 296	350 57	380 190	535 280	26 M20	250	300 350	10	50	65 90	18 25	69 95.4	523 110	82 291	150 M20	M45 50	
YRE2480	920	500	258 393	50	480	187.5 332.5	380 72.5	430 205	655 315	26 M24	330	400 460	10	50	70 95	20 25	74.5 100.4	624 120	82 402	140 M20	M45 50	
YRE2545	1050	560	285 423	50	545	230 375	430 89	490 234	690 355	32 M24	370	430 480	12	50	85 100	22 28	90 106.4	664 130	82 442	140 M20	M45 50	

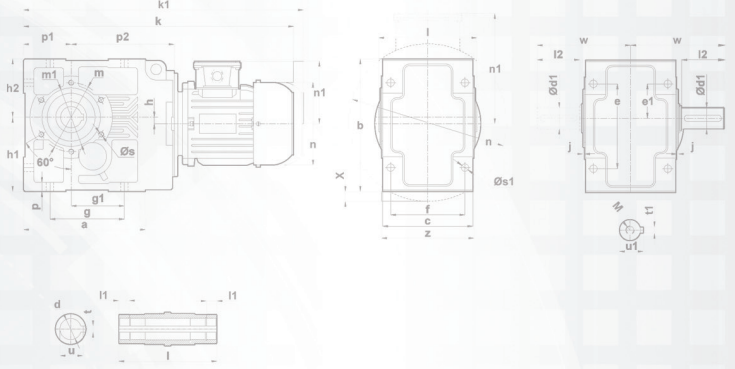
Yatık Tipi Redüktörler Horizontal Type Gear Unit



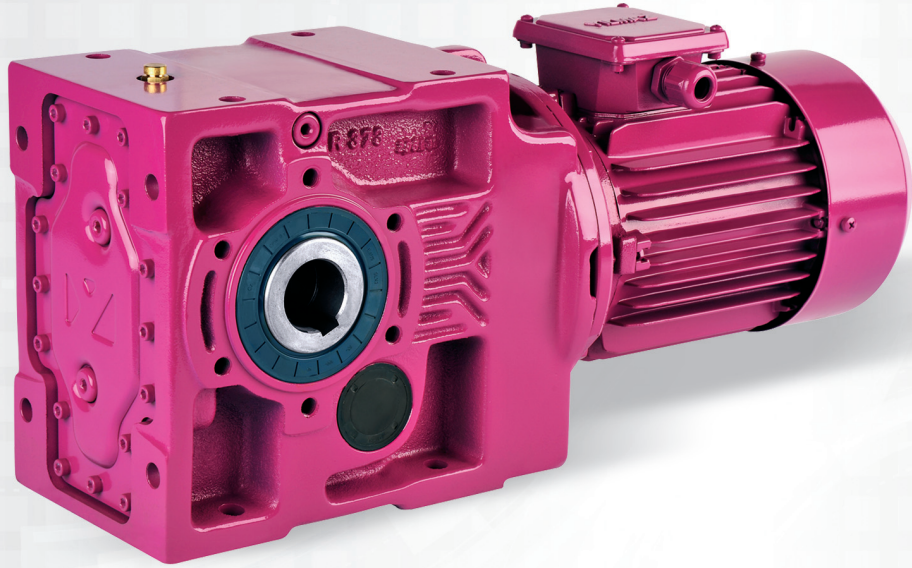
2 Kademeli Redüktörler ölçü tablosudur.
Dimensions table of gearboxes with 2 stages.

YRM YRC	Montaj Ölçüleri Dimensions for Mounting														Mil Ölçüleri Dimensions of Shaft							
	A	a	b	c	e	e1	e2	h	h1	m	m1	n	s	g g1	d	t	u	d1	t1	u1	l l1	M M1
YRM2195 YRC2195	85	380	215	25	195	92	135	255	125	160	180	31	15	105 110	28 (k6)	8	31	50 (m6)	14	53,5	50 80	M10 M16
YRM2240 YRC2240	110	475	245	25	240	106	171	340	160	200	210	35	13	130 134	34 (k6)	10	37	65 (m6)	18	69	70 105	M12 M20
YRM2275 YRC2275	125	534	290	32	275	126	189	350	180	230	245	38	17	162 139	38 (k6)	10	41	75 (m6)	20	79,5	70 120	M12 M20
YRM2305 YRC2305	135	600	320	32	305	135	210	395	200	250	275	50	17	160 160	42 (k6)	12	45	85 (m6)	22	90	80 140	M16 M20
YRM2340 YRC2340	142	665	355	45	340	148	238	460	225	270	300	60	17	172 178	48 (k6)	14	51,5	95 (m6)	25	100	80 160	M16 M24
YRM2385 YRC2385	175	730	390	40	385	168	263	485	250	318	335	49	22	190 195	50 (k6)	14	53,5	100 (m6)	28	106	90 180	M16 M24
YRM2430 YRC2430	190	816	450	50	430	184	296	550	280	350	380	57	26	202,5 225,5	65 (k6)	18	69	110 (m6)	28	116	110 180	M20 M24
YRM2480 YRC2480	205	920	500	50	480	187,5	332,5	675	315	380	430	72,5	26	258 243	70 (k6)	20	74,5	130 (m6)	32	137	120 210	M20 M24
YRM2545 YRC2545	234	1025	580	45	545	230	375	690	355	430	490	89	32	285 265	85 (k6)	22	90	140 (m6)	36	148	130 240	M20 M30

K Serisi Series



Helisel Konik Dişli Redüktörler Helical Bevel Gearboxes

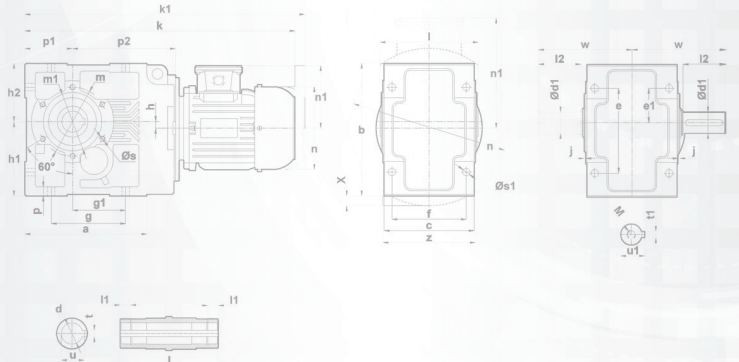


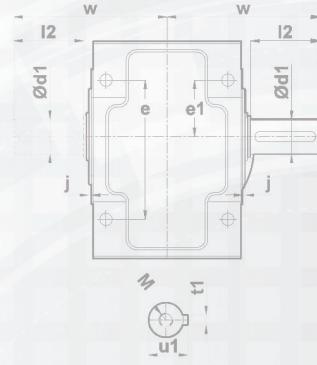
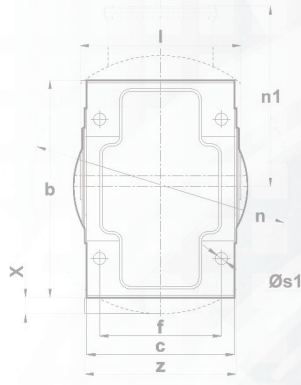
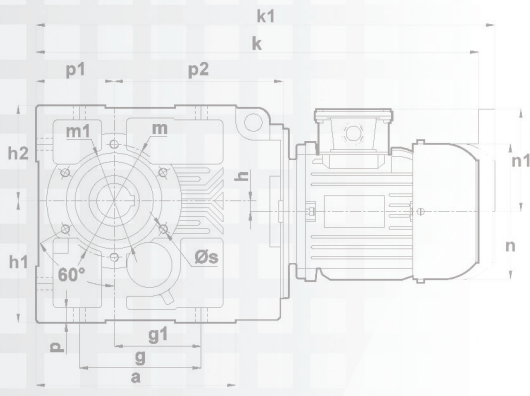
10 farklı büyüklükte,

Moment Aralığı : 80-15.000 Nm
Devir Aralığı : 0,1-400d/dak
Kademe Sayısı : 2-6

10 different sizes,

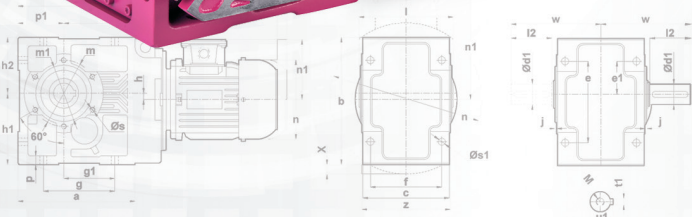
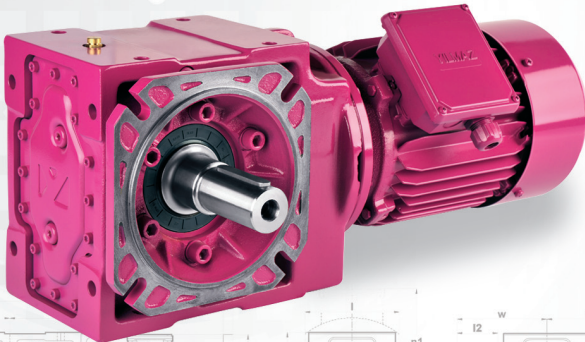
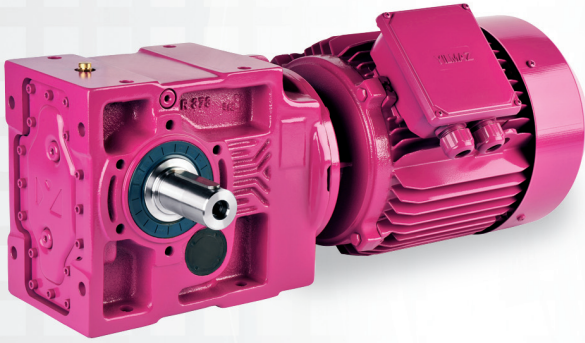
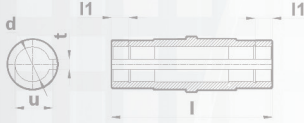
Torque Range : 80-15.000 Nm
Speed Range : 0,1-400 rpm
Stage Number : 2-6





K

Serisi
Series



K Serisi

K serisi redüktörler helisel konik dişli redüktörlerdir ve giriş ve çıkış millerinin arasında 90° olması gereken durumlarda, yüksek mukavemetin gerektiği yerler için dizayn edilmiştir. Bütün K serisi redüktörler monoblok gövde içerisinde 3 kademe olarak üretilmektedirler. Yüksek redüksiyon ihtiyacı olan uygulamalarda akuple gövde kullanarak 6 kademeye kadar redüksiyon artırılabilir. Redüktörde kullanılan bütün rulmanlar konik masuralı olup yüksek ömür değerleri hedeflenmiştir.

E serisinin çok yönlü bağlantı seçeneklerine ve M serisinin monoblok rijit gövde ve yüksek verim avantajına sahip. K serileri M ve E serilerinin avantajları ile yüksek torka sahip olarak üretilir. Ayrıca sıkma bilezikli bağlama seçeneği mevcuttur.

Diğer tüm ürünlerde olduğu gibi redüktör tasarımı en son yöntemler kullanılarak, yenilikçi bir anlayışla yapılmaktadır. Bu süreç titiz testlerle tamamlanmaktadır. Tüm ürünler YILMAZ REDÜKTÖR kalite güvencesi altındadır.

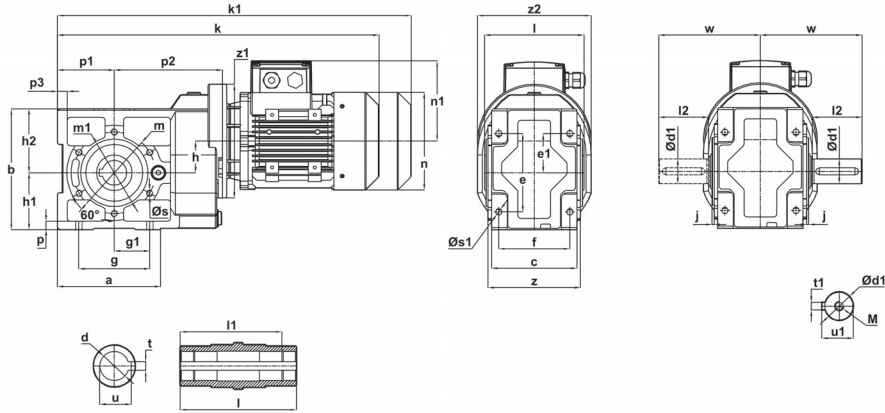
K Series

K series gearboxes are helical bevel gearboxes and specially designed for where input and output shaft required to be perpendicular; gearbox should have high efficiency and high strengthen properties. All K series are manufactured as 3 staged gears in monoblock housing. K series can be also manufactured for high reduction operations until 6 stages by using double housings. All used bearings in gearbox are tapered roller bearings with long lifetime.

K series having both E series and M series high qualified specifications, these are E series specifications which provides easy connection and modularity and M series specifications that puts monoblock rigid housing and high efficiency advantages together. Therefore K series produced as high torque gearboxes with advantages of M and E series. Have also shrink disc option.

Like at all other products gearbox design is accomplished using the latest techniques with innovative approach. All products are assured by YILMAZ REDUKTOR quality assurance system.

K Serisi Series

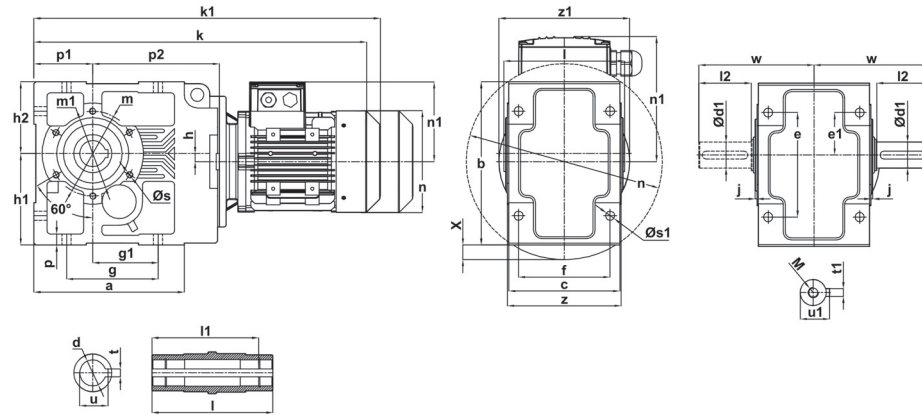


2-3 Kademeli Redüktörler ölçü tablosudur.
Dimensions table of gearboxes with 2-3 stages.

KR		Montaj Ölçüleri Dimensions for Mounting														Dış Boyutlar Dimensions of Outline				Mil Ölçüleri Dimensions of Shaft					
		a	b	c	f	s1	g g1	e e1	h h1	h2 m	m1 j	p p1	p2 p3	w z	z1 z2	k	k1	n	n1	d	d1	t t1	u u1	l M	l1 l2
KR002/003.00 KR002/003.01 KR002/003.04	63 71 80 90S 90L	117	119	100	85	8.2	70 35	80 40	30.5 56	63 85	70 3	7 56	113 9	100 107	125 125	366	419	121	97	20 (H7)	20 (k6)	6 6	22.8 22.5	115 M6	100 40
	395															531	137	112							
	429															561	155	121							
	468															609	176	132							
	468															609	176	132							
KR102/103.00 KR102/103.01 KR102/103.04	63 71 80 90S 90L	118	134	105	90	9	80 40	90 45	37 63	71 92	80 3	8 63	125 10	123 112	125 135	385	438	121	97	30 (H7)	30 (k6)	8 8	33.3 33	120 M10	105 60
	414															550	137	112							
	448															580	155	121							
	487															628	176	132							
	487															628	176	132							
KR202/203.00 KR202/203.01 KR202/203.04	63 71 80 90S 90L 100L 112M	145	170	120	100	9	100 50	110 55	44.5 80	90 115	95 3	12 80	152 14	143 130	160 160	425	478	121	97	35 (H7)	35 (k6)	10 10	38.3 38	140 M12	120 70
	453															589	137	112							
	487															619	155	121							
	526															667	176	132							
	526															667	176	132							
	574															732	193	147							
	598															746	215	158							

Helisel Konik Dişli Redüktörler

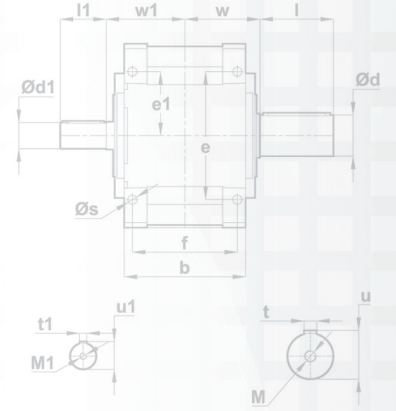
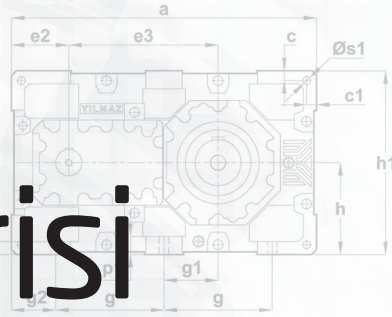
Helical Bevel Gearboxes



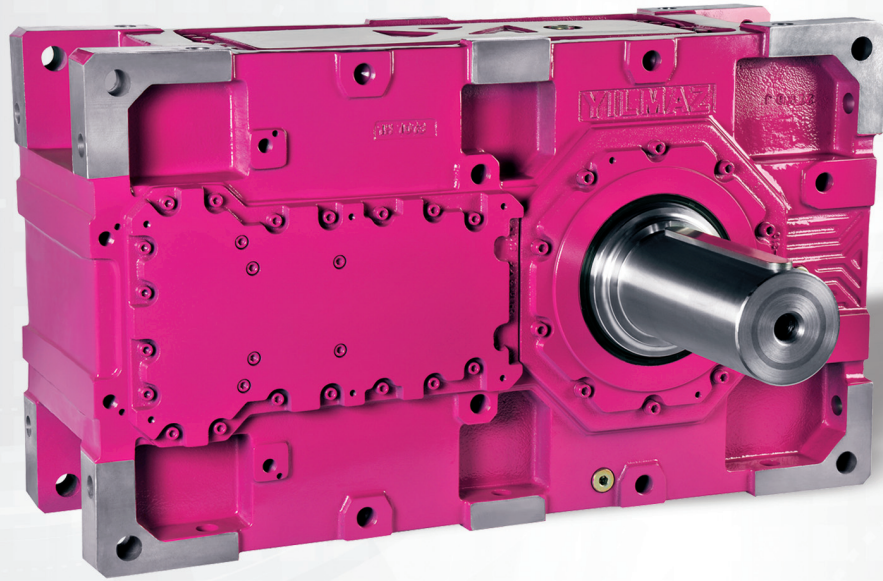
3 Kademeli Redüktörler ölçü tablosudur.
Dimensions table of gearboxes with 3 stages.

KR	Montaj Ölçüleri														Dış Boyutlar					Mil Ölçüleri					
	Dimensions for Mounting														Dimensions of Outline					Dimensions of Shaft					
	a	b	c	f	s1	g g1	e e1	h h1	h2 m	m1 j	p p1	p2 w	z z1	X	k	k1	n	n1	d	d1	t t1	u u1	l l1	l2	
KR273.00 KR273.01 KR273.04	63 71 80 90S 90L 100L 112M	195	205	145	120	11	130 95	130 55	7.5 112	93 115	95 2.5	14 71	167 141	148 160	-	431	484	121	97	35 (H7)	35 (k6)	10 10	38.3 38	157 M12	132 60
	-														459	595	137	112							
	-														493	625	155	121							
	-														532	673	176	132							
	-														532	673	176	132							
	-														580	738	193	147							
KR373.00 KR373.01 KR373.04	71 80 90S 90L 100L 112M 132S 132M	230	250	170	140	14	140 100	160 65	12.3 140	110 130	110 3	17 90	194 176	174 200	-	496	632	137	112	40 (H7)	40 (k6)	12 12	43.3 43	185 M16	156 80
	-														530	662	155	121							
	-														569	710	176	132							
	-														569	710	176	132							
	-														617	775	193	147							
	-														641	789	215	158							
	0,8														728	878	257	179							
	0,8														728	878	257	179							
	-														587	719	155	121							
	-														626	767	176	132							
KR473.00 KR473.01 KR473.04	80 90S 90L 100L 112M 132S 132M 160M 160L 180M 180L	268	320	200	165	16	150 110	200 75	13 180	140 165	130 3	20 112	234 213	204 250	-	626	767	176	132	50 (H7)	50 (k6)	14 14	53.8 53.5	215 M16	183 100
	-														670	828	193	147							
	-														695	843	215	158							
	-														780	930	257	179							
	-														780	930	257	179							
	-														873	1041	315	219							
	-														873	1041	315	219							
	6,5														914	1093	347	234							
	6,5														914	1093	347	234							
	-														719	877	193	147							
	-														743	891	215	158							
	-														830	980	257	179							
KR573.00 KR573.01 KR573.04	100L 112M 132S 132M 160M 160L 180M 180L	313	375	225	180	22	180 125	233 91	17.5 212	163 215	180 3	22 132	269 250	235 300	-	830	980	257	179	60 (H7)	60 (m6)	18 18	64.4 64	246 M20	20 120
	-														830	980	257	179							
	-														923	1091	315	219							
	-														923	1091	315	219							
	-														964	1143	347	234							
	-														964	1143	347	234							
	-														797	955	193	147							
	-														821	969	215	158							
KR673.00 KR673.01 KR673.04	100L 112M 132S 132M 160M 160L 180M 180L 200L 225S 225M	392	440	285	240	26	240 165	295 105	18 265	175 215	180 3	24 160	327 302	296 355	-	908	1058	257	179	70 (H7)	70 (m6)	20 20	74.9 74.5	308 M20	270 140
	-														908	1058	257	179							
	-														1001	1169	315	219							
	-														1001	1169	315	219							
	-														1042	1221	347	234							
	-														1042	1221	347	234							
	-														1098	1282	385	267							
	-														1143	-	434	285							
	-														1168	-	434	285							
	-														981	1131	257	179							
	-														981	1131	257	179							
	-														1074	1242	315	219							
KR773.00 KR773.01 KR773.04	132S 132M 160M 160L 180M 180L 200L 225S 225M 250M	459	540	335	270	33	280 185	360 140	27.5 315	225 265	230 4	26 200	364 361.5	348 420	-	1074	1242	315	219	90 (H7)	90 (m6)	25 25	95.4 95	363 M24	313 170
	-														1074	1242	315	219							
	-														1115	1294	347	234							
	-														1115	1294	347	234							
	-														1171	1355	385	267							
	-														1217	-	434	285							
	-														1242	-	434	285							
	-														1346	-	480	322							
	-														981	1131	257	179							
	-														981	1131	257	179							
KR873.00 KR873.01 KR873.04	160M 160L 180M 180L 200L 225S 225M 280S 280M	549	610	395	330	38	350 236	420 155	22.5 375	235 300	250 5	30 225	462 434	410 450	-	1185	1353	315	219	110 (H7)	110 (m6)	28 28	116.4 116	428 M24	373 210
	-														1185	1353	315	219							
	-														1226	1405	347	234							
	-														1226	1405	347	234							
	-														1282	1466	385	267							
	-														1309	-	434	285							
	-														1334	-	434	285							
	-														1437	-	480	322							
	-														1498	-	544	350							
	-														1498	-	544	350							

H Serisi Series



Monoblok Yatık Tip Redüktörler Monoblock Horizontal Type Gear Units



14 farklı büyüklükte,

Moment Aralığı : 2500-165.000 Nm

Devir Aralığı : 0,1-250 d/dak

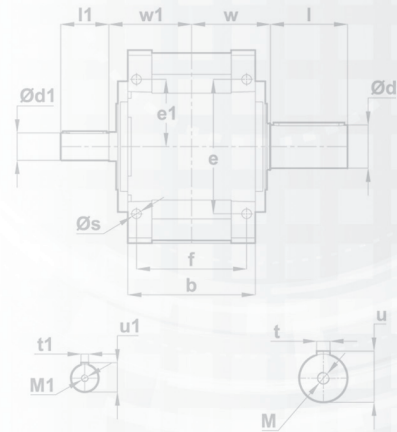
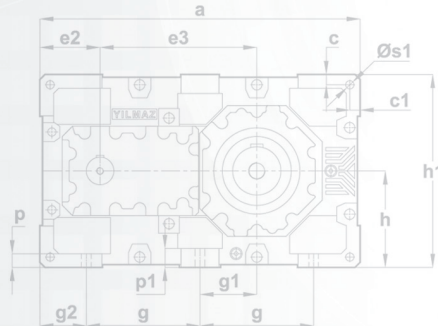
Kademe Sayısı : 2-4

14 different sizes,

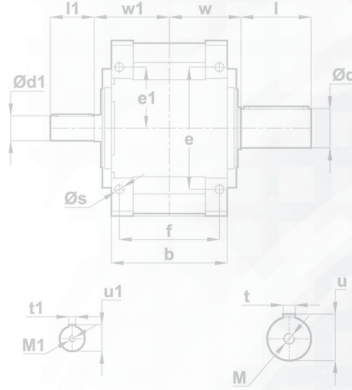
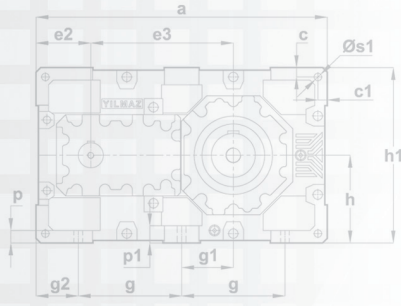
Torque Range : 2500-165.000 Nm

Speed Range : 0,1-250 rpm

Stage Number : 2-4



H Serisi Series



H Serisi

Helisel ve/veya konik dişliye sahip ağır hizmet tipi redüktörlerdir. Giriş ve çıkış milleri birbirine paralel veya dik olabilir. Her yönden ayak bağlantı yerleri bulunur. Gövde büyüklüğüne göre flanşlar olarak kullanılabilir.

H serisi helisel dişli monoblok yatık tip redüktörler yüksek teknoloji ile üretilmiş yüksek kaliteli redüktörleridir. Redüktör içinde bulunan tüm mekanik elemanlar güncel yazılımlar ile analiz edilmiş ve en yüksek güvenilirlik hedeflenmiştir.

H Serisi Redüktörlerin Avantajları

- Çok yönlü bağlanabilme,
- Doğrudan motor akuplesi,
- Flanşlı bağlantı imkanları (IEC motor bağlantı flanşı),
- Çok çeşitli yağlama ve keçe dizayn opsiyonları,
- Çeşitli soğutma opsiyonları (eşanjör, radyatör, serpantin, fan),
- Kilit, sıkma bilezik gibi seçenekler.

Tüm modellerde extruder uygulamaları için özel çözümler mevcuttur. Yılmaz Redüktör bu konuda bir ilki gerçekleştirerek Dünya'da ilk tam monoblok yatık extruder modelini üretmiştir.

H Series

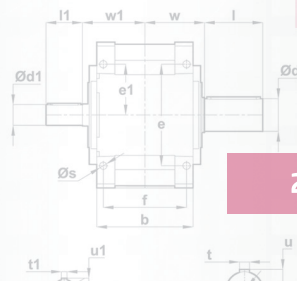
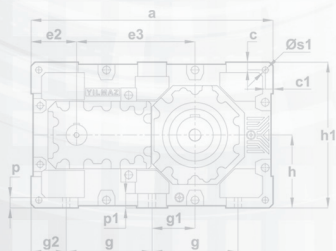
H series gearboxes are helical or/and bevel geared industrial gearboxes. The input and output shafts can be arranged parallel or perpendicular to each other. The gearbox can be mounted by using of the foot connections on each side. Flange connections are optional.

H series horizontal type helical gear boxes are heavy industry gearboxes which is manufactured with high technology at highest quality. All mechanical parts are analysed with up-to-date software and reliability is assured.

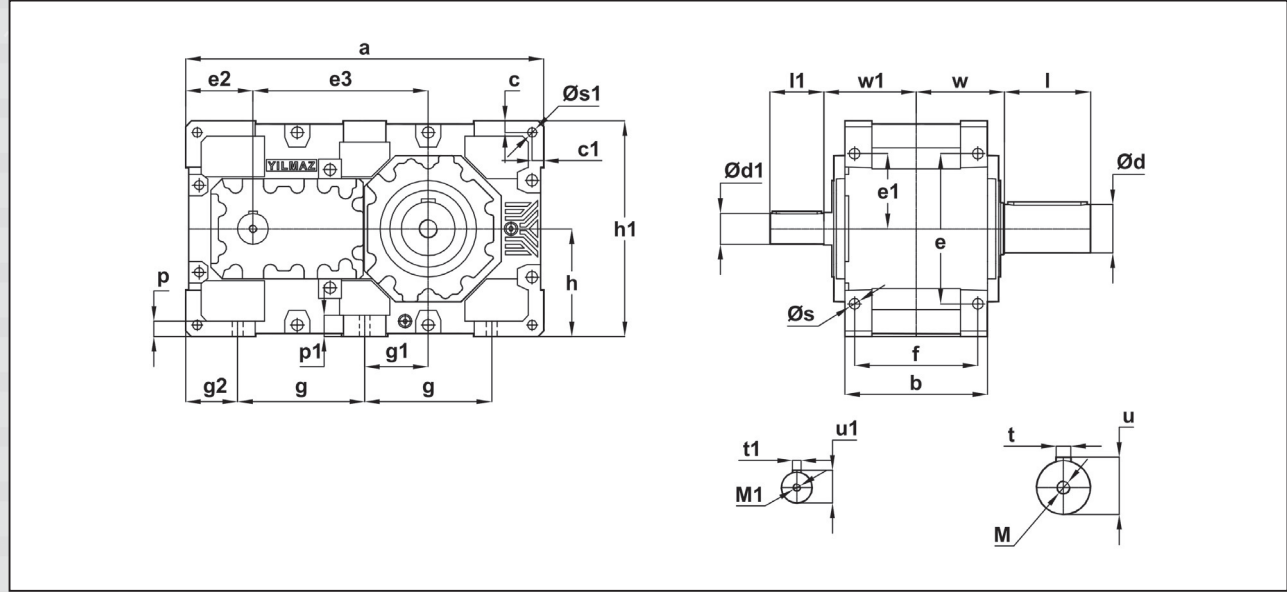
The advantages of H Series gearboxes:

- Assembly possibilities from each side,
- Direct electric motor connection,
- IEC motor connection flange,
- Lubrication options and different sealing designs,
- Cooling options (heat exchanger, cooling coil, fan),
- Options like backstop and shrink disc.

Special solutions for extruder applications are provided on each size and ratio. YILMAZ REDUKTOR is proud of putting the first complete single housing extruder on the market.



H Serisi Series



2 Kademeli Redüktörler ölçü tablosudur
Dimensions table of gearboxes with 2 stages.

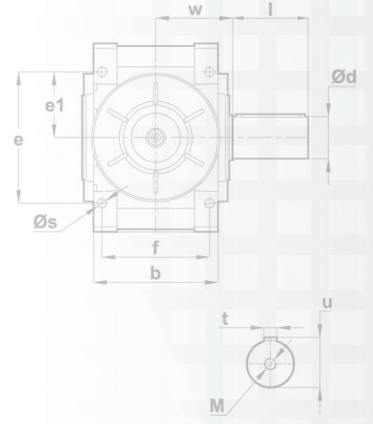
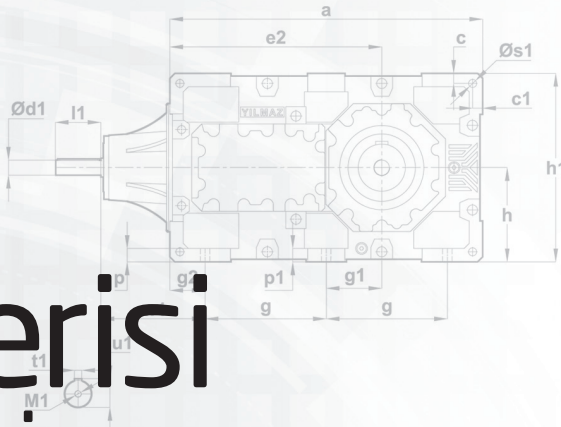
HT	Montaj Ölçüleri Dimensions for Mounting												Mil Ölçüleri Dimensions of Shaft					
	a	b	c c1	e e1	e2 e3	h h1	g	g1 g2	w w1	s s1	p p1	f	d	d1 (max.)	t t1	u u1	l l1	M M1
HT0322.01	515	215	22.5 22.5	230 115	105 255	175 350	187.5	102,5 70	140 152	19 19	28 28	180	70	45	20 14	74.5 48.5	140 90	M20 M16
HT0422.01	565	215	22.5 22.5	270 135	105 270	200 400	207.5	92,5 75	140 152	19 19	28 28	180	80	45	22 14	85 48.5	170 90	M20 M16
HT0522.01	640	255	22.5 22.5	275 137.5	120 315	200 400	245	115 75	165 195	19 19	28 28	220	100	55	28 16	106 59	210 100	M24 M20
HT0622.01	720	255	22.5 22.5	300 150	120 350	230 460	280	110 80	165 195	19 19	30 30	220	110	55	28 16	116 59	210 100	M24 M20
HT0722.01	785	300	25 25	310 155	150 385	230 460	297.5	142.5 95	195 210	24 24	35 35	260	120	70	32 20	127 74.5	210 140	M24 M20
HT0822.01	890	300	30 30	360 180	150 430	280 560	340	135 105	195 210	24 28	35 40	260	130	70	32 20	137 74.5	250 140	M24 M20
HT0922.01	930	370	30 30	390 195	175 455	280 560	360	165 105	235 240	28 28	40 40	320	140	80	36 22	148 85	250 140	M30 M20
HT1022.01	1025	370	35 35	420 210	175 500	320 640	395	162.5 117.5	235 240	28 32	40 40	320	160	80	40 22	169 85	300 140	M30 M20
HT1122.01	1105	430	35 35	440 220	215 545	320 640	425	207.5 127.5	270 275	35 32	40 50	370	170	95	40 25	179 100	300 160	M30 M24
HT1222.01	1260	430	40 40	530 265	215 615	400 800	490	200 140	270 275	35 32	50 50	370	180	95	45 25	190 100	300 160	M30 M24
HT1322.01	1320	550	95 95	600 300	250 665	440 880	545	255 115	335 330	35 35	60 60	475	200	100	45 28	210 106	350 205	M30 M24
HT1422.01	1455	550	95 95	600 300	250 730	440 880	600	252.5 127.5	335 330	35 35	60 60	475	220	100	50 28	231 106	350 205	M30 M24
HT1522.01	1580	625	110 110	680 340	285 790	500 1000	625	285 122	380 365	42 42	70 70	535	230	120	50 32	241 127	410 210	M36 M24
HT1622.01	1640	625	110 110	680 340	285 825	500 1000	655	290 165	380 365	42 42	70 70	535	240	120	56 32	252 127	410 210	M36 M24



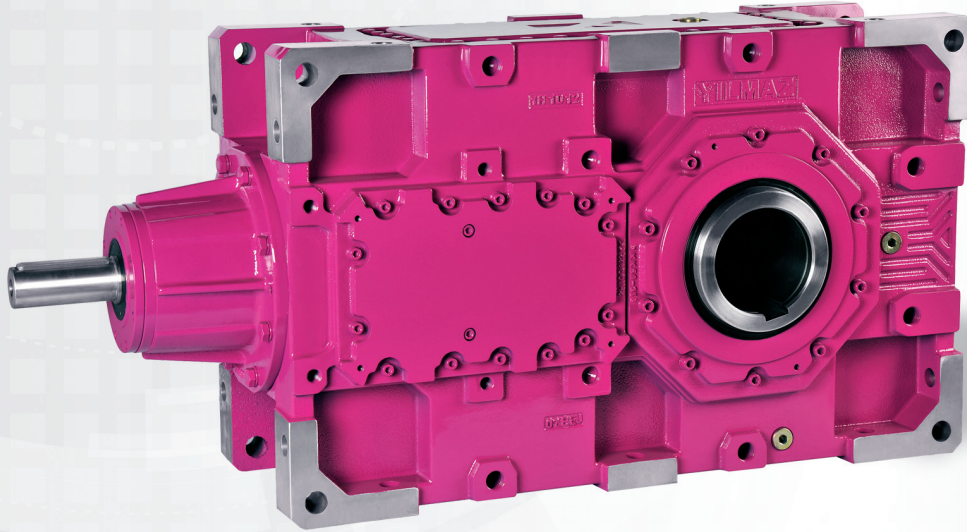
YILMAZ
REDÜKTÖR



B Serisi Series



Monoblok Konik Tip Yatık Redüktörler Monoblock Bevel Horizontal Type Gear Unit

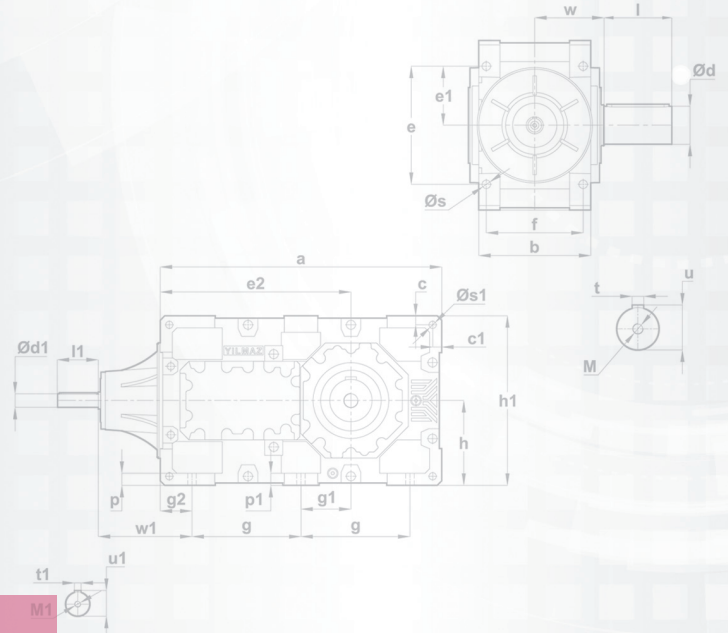


13 farklı büyüklükte,

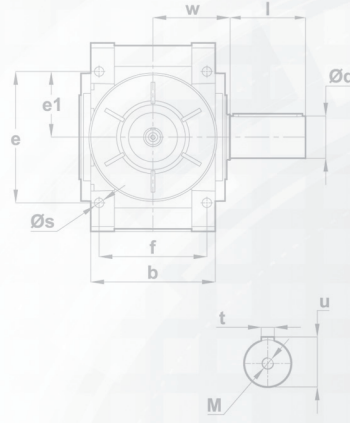
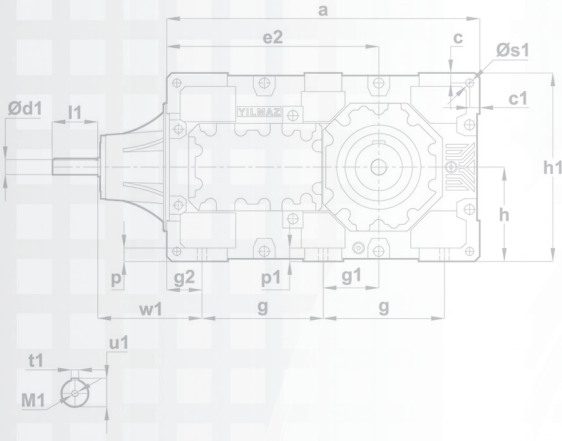
Moment Aralığı : 5.000-165.000 Nm
Devir Aralığı : 0,1-115d/dak
Kademe Sayısı : 3-4

13 different sizes,

Torque Range : 5.000-165.000 Nm
Speed Range : 0,1-115 rpm
Stage Number : 3-4



B Serisi Series



B Serisi

B serisi redüktörler konik girişli yatık tip endüstriyel redüktörlerdir. Giriş çıkış milleri birbirine diktir.

B Serisi Redüktörlerin Avantajları

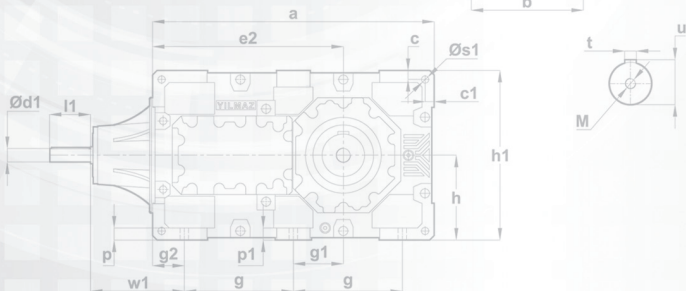
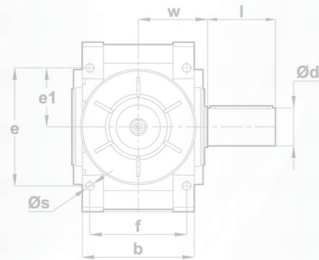
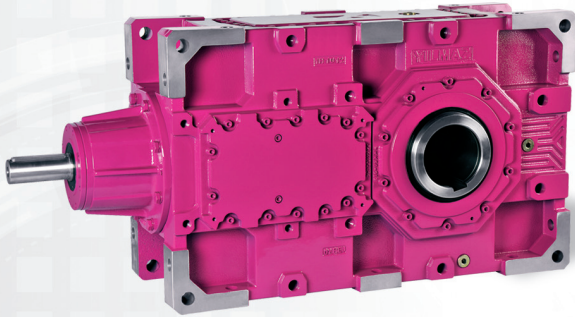
- Çok yönlü bağlanabilme,
- Doğrudan motor akuplesi,
- Flanşlı bağlantı imkanları (IEC motor bağlantı flanşı),
- Çok çeşitli yağlama ve keçe dizayn opsiyonları
- Çeşitli soğutma opsiyonları (eşanjör, radyatör, serpantin, fan),
- Kilit, sıkma bilezik gibi seçenekler.

B Series

B series gearboxes are industrial gearboxes with bevel gear input. The input and output shafts are perpendicular to each other.

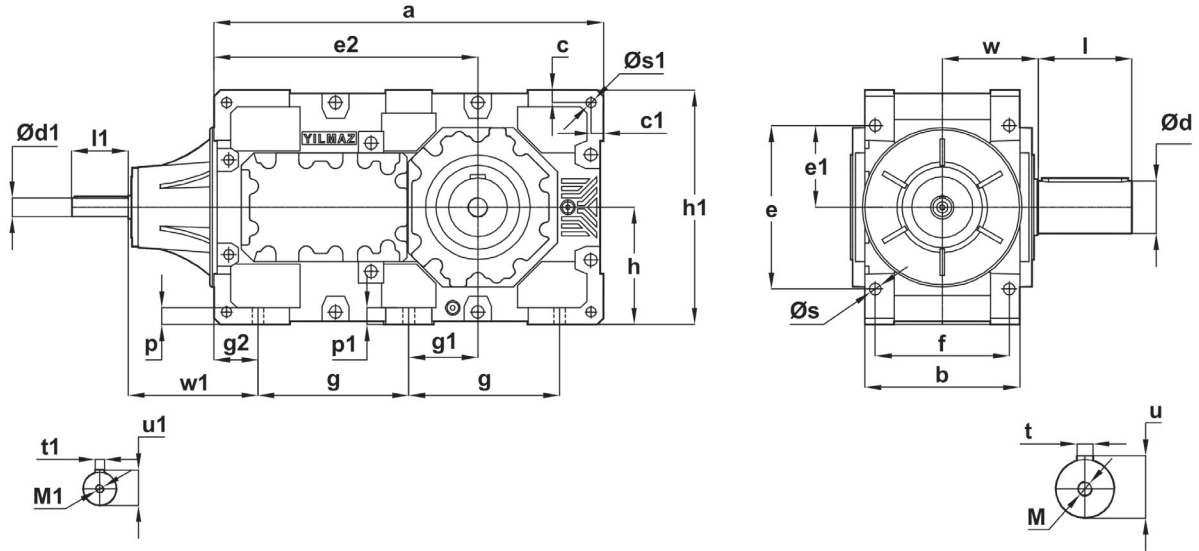
The advantages of B Series gearboxes:

- Assembly possibilities from each side,
- Direct electric motor connection,
- IEC motor connection flange,
- Lubrication options and different sealing designs,
- Cooling options (heat exchanger, cooling coil, fan),
- Options like backstop and shrink disc.



B Serisi

Series

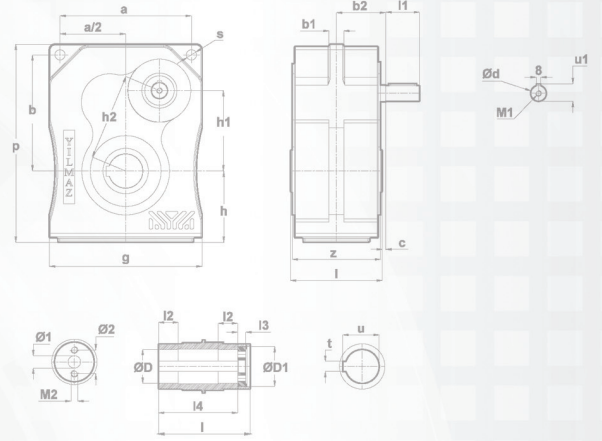


BT	Montaj Ölçüleri Dimensions for Mounting													Mil Ölçüleri Dimensions of Shaft					
	a	b	c c1	e e1	e2	h h1	g	g1 g2	w	w1	s s1	p p1	f	d	d1 (max.)	t t1	u u1	l l1	M M1
BT0323.01	515	215	22.5 22.5	230 115	360	175 350	187.5	102,5 70	140	210	19 19	28 28	180	70	30	20 8	74.5 33	140 90	M20 M10
BT0423.01	565	215	22.5 22.5	270 135	375	200 400	207.5	92,5 75	140	215	19 19	28 28	180	80	30	22 8	85 33	170 90	M20 M10
BT0523.01	640	255	22.5 22.5	275 137.5	435	200 400	245	115 75	165	225	19 19	28 28	220	100	35	28 10	106 38	210 100	M24 M12
BT0623.01	720	255	22.5 22.5	300 150	470	230 460	280	110 80	165	230	19 19	30 30	220	110	35	28 10	116 38	210 100	M24 M12
BT0723.01	785	300	25 25	310 155	535	230 460	297.5	142.5 95	195	265	24 24	35 35	260	120	45	32 14	127 48.5	210 130	M24 M16
BT0823.01	890	300	30 30	360 180	580	280 560	340	135 105	195	275	24 28	35 40	260	130	45	32 14	137 48.5	250 130	M24 M16
BT0923.01	930	370	30 30	390 195	630	280 560	360	165 105	235	290	28 28	40 40	320	140	55	36 16	148 59	250 130	M30 M20
BT1023.01	1025	370	35 35	420 210	675	320 640	395	162.5 117.5	235	302.5	28 32	40 40	320	160	55	40 16	169 59	300 130	M30 M20
BT1123.01	1105	430	35 35	440 220	760	320 640	425	207.5 127.5	270	337.5	35 32	40 50	370	170	70	40 20	179 74.5	300 160	M30 M20
BT1223.01	1260	430	40 40	530 265	830	400 800	490	200 140	270	350	35 32	50 50	370	180	70	45 20	190 74.5	300 160	M30 M20
BT1323.01	1320	550	95 95	600 300	915	440 880	545	255 115	335	355	35 35	60 60	475	200	80	45 22	210 85	350 165	M30 M20
BT1423.01	1455	550	95 95	600 300	980	440 880	600	252.5 127.5	335	367.5	35 35	60 60	475	220	80	50 22	231 85	350 165	M30 M20
BT1523.01	1580	625	110 110	680 340	1075	500 1000	625	285 122	380	472.5	42 42	70 70	535	230	90	50 25	241 95	410 165	M36 M24
BT1623.01	1640	625	110 110	680 340	1110	500 1000	655	290 165	380	485	42 42	70 70	535	240	90	56 25	252 95	410 165	M36 M24



T

Serisi Series



Delik Milli Motorsuz Redüktörler Hollow Shaft Gear Unit

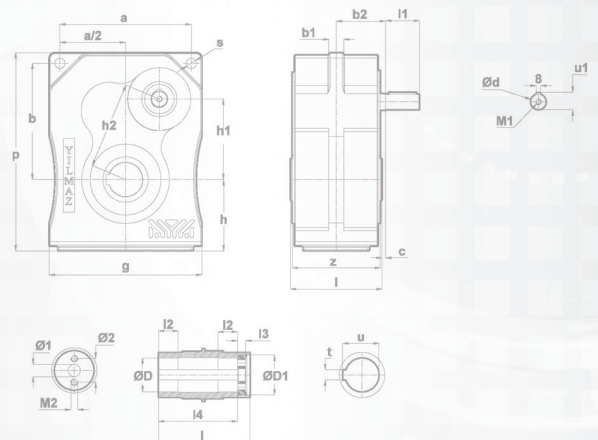


10 farklı büyüklükte,

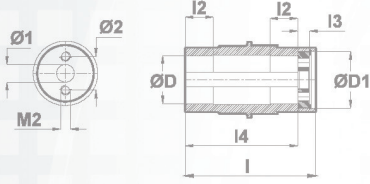
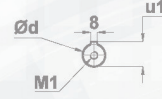
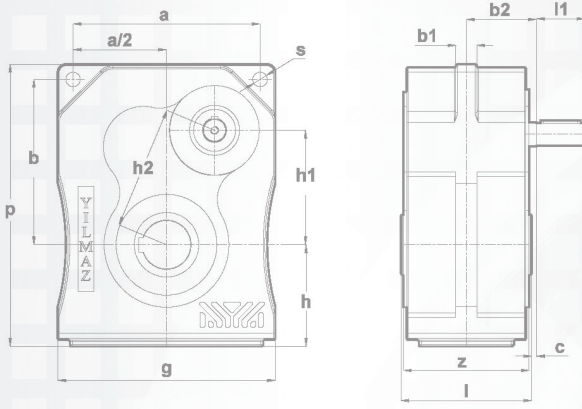
Moment Aralığı : 200-18.000 Nm
Devir Aralığı : 46-280 d/dak
Kademe Sayısı : 2

10 different sizes,

Torque Range : 200-18.000 Nm
Speed Range : 46-280 rpm
Stage Number : 2



T Serisi Series



T Serisi

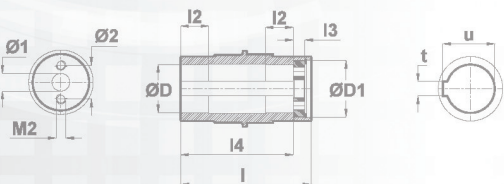
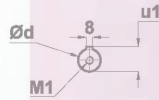
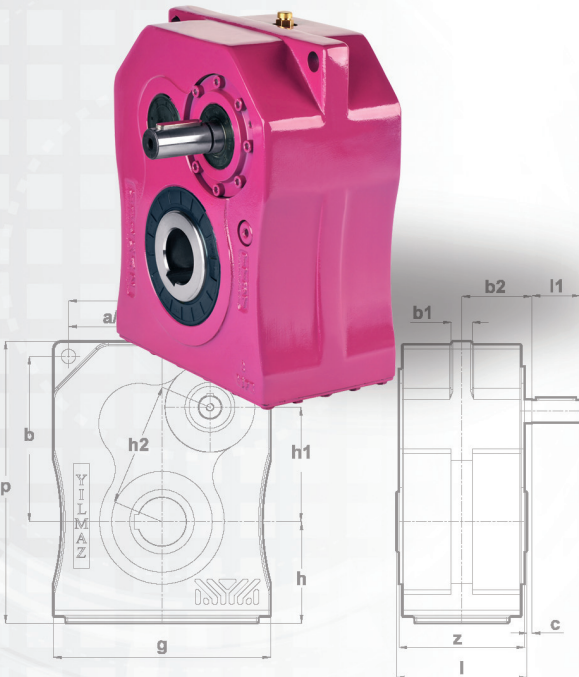
TT serisi redüktörler konveyör uygulamalarında kullanılmak üzere üretilen 2 kademeli motorsuz monoblok helisel dişli redüktörlerdir. Müşteri isteğine bağlı olarak mekanik kilit uygulaması mevcuttur.

Makine üzerine bağlantısı redüktör üzerindeki tork kolu bağlantı delikleri ile yapılabilir. Gövde GG20 pik döküm; dişli malzemesi yüksek kalitede taşlanmış ve sertleştirilmiştir.

T Series

TT series are 2 staged monoblock helical gearboxes which are manufactured for using in conveyor applications. Backstop are available according to customer requirements.

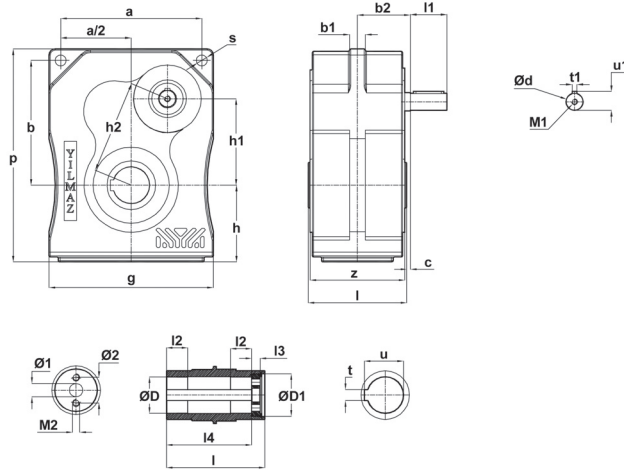
The gearbox are mounted to the machine with torque arm. Housing material is GG20 cast iron; gear grinded for high quality and is hardened.



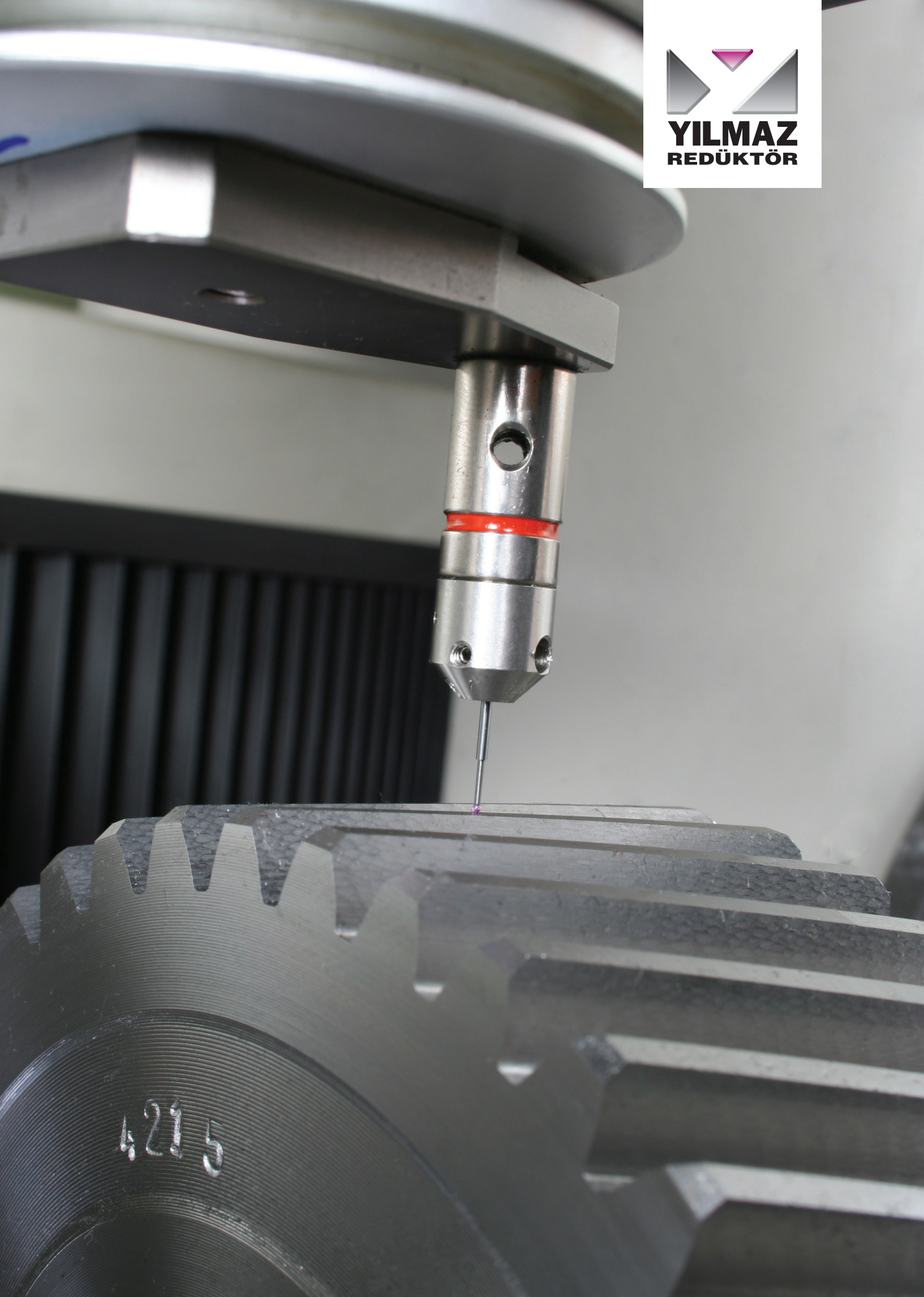
T

Serisi Series

Monoblok Yatık Tip Redüktörler Monoblock Horizontal Type Gear Units

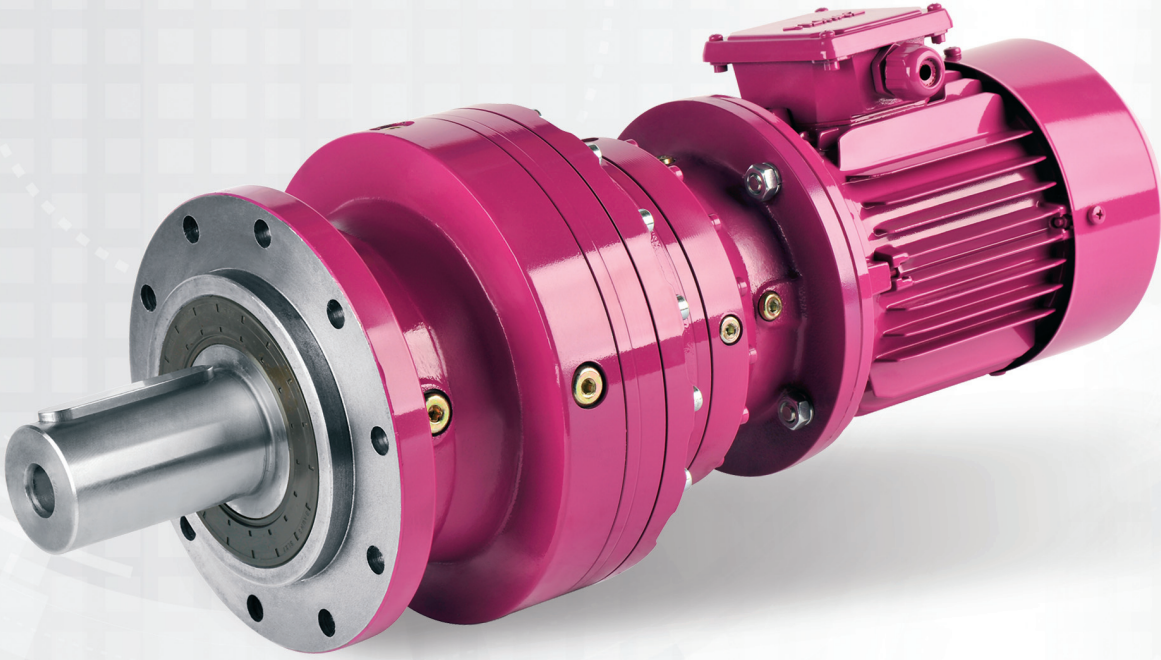


TT	Montaj Ölçüleri Dimensions for Mounting														Mil Ölçüleri Dimensions of Shaft															
	a	b	b1	b2	c	g	h	h1	h2	p	s	z	D (G7)	D1	t	u	l	l1	l2	l3	d	t1	u1	M1	l4	ø1	ø2	M2		
TT17	132	118	16	63	6	152	72	83	88	200	10	110	30	38	8	33.3	114	40	25	10	19	6	21.5	M6	98	11	22	M6		
TT27	160	138	20	73	6	188	95	96	102	245	12	130	35 40	48	10 12	38.3 43.3	134	40	30	12	19	6	21.5	M6	114	17	26	M6		
TT28	174	152	20	73	6	206	97	102	109	262	14	130	40 50	60	12 14	43.3 53.8	134	50	35	12	24	8	27	M8	114	17	28	M8		
TT37	200	170	24	78	6	230	110	108	119	295	16	138	45 55	65	14 16	48.8 59.3	144	50	35	12	24	8	27	M8	124	22	34	M8		
TT47	232	205	26	87	6	270	120	142	154	344	18	156	50 60	70	14 18	53.8 64.4	162	60	40	14	28	8	31	M10	140	22	36	M8		
TT57	288	254	37	106	6	330	154	175	193	429	22	192	60 70	85	18 20	64.4 74.9	200	80	45	16	38	10	43	M12	175	22	42	M12		
TT67	332	292	34	120.5	8	380	178	196	218	494	24	217	70 85	95	20 22	74.9 90.4	225	110	50	18	42	12	45	M16	193	22	48	M16		
TT77	378	344	38	140	10	430	202	228	250	572	26	252	80 100	115	22 28	85.4 106.4	260	110	55	20	48	14	51.5	M16	227	26	54	M20		
TT87	442	395	42	162	12	500	232	255	285	656	28	290	100 120	145	28 32	106.4 127.4	300	110	60	20	55	16	59	M20	268	26	70	M20		
TT97	496	462	46	177	12	560	266	279	315	760	32	320	125 135	150	32 36	132.4 143.4	330	110	65	20	55	16	59	M20	293	33	90	M24		



P Serisi Series

Planet Redüktörler Planetary Gearboxes

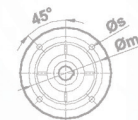
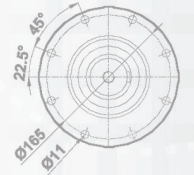
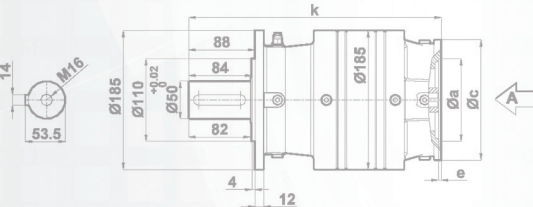
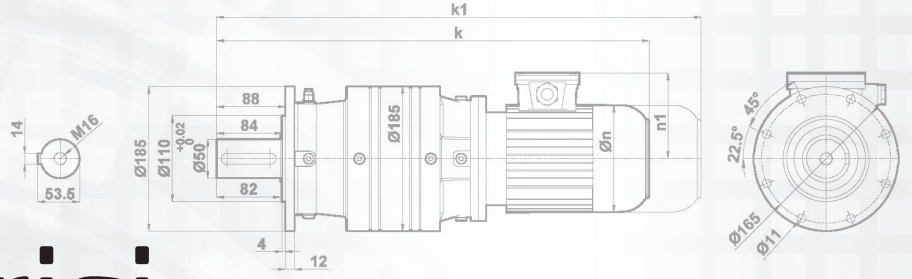


10 farklı büyüklükte,

Moment Aralığı : 1.000-50.000 Nm
Devir Aralığı : 3,5-3000d/dak
Kademe Sayısı : 1-4

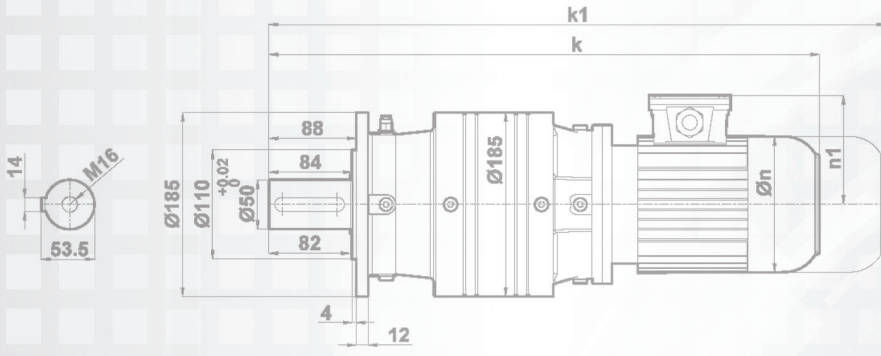
10 different sizes,

Torque Range : 1.000-50.000 Nm
Speed Range : 3,5-3000 rpm
Stage Number : 1-4



A Bakışı / A View





P

Serisi

Series

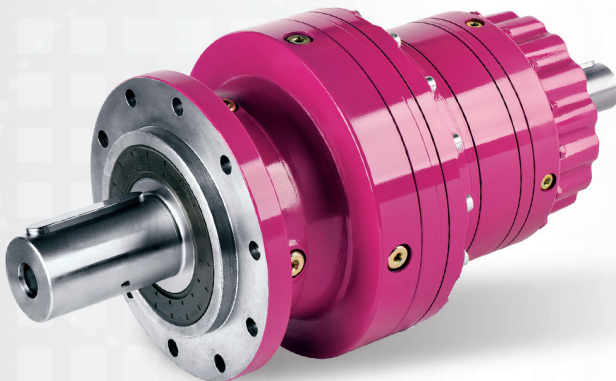


P Serisi

P serisi redüktörler çok amaçlı modüler yapıda üretilen endüstriyel redüktörlerdir. Yüksek moment ve düşük ağırlık gereken mobil inşaat makineleri, mobil ve istasyonel kaldırma makineleri, rüzgar enerji çözümleri gibi endüstriyel uygulamalarda kullanılmaktadır. Hidro motor, AC ve DC elektrik motor, servo motor tahrik üniteleri ile hareket verilir.

P Serisi Redüktörlerin Avantajları

- Flanşlı ve ayaklı tipler
- Konik girişli çeşitler
- E ve K serisi redüktör akupleleri,
- Esnek montaj şekilleri
- Kuvvetlendirilmiş çıkış rulman grubu
- DIN5480, DIN5482 çoklu kamalı yada sıkma bilezik çıkış opsiyonu,
- Soğutma opsiyonları

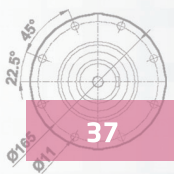
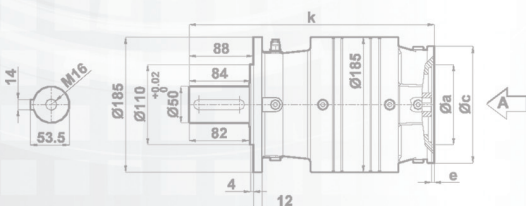


P Series

P series gearboxes are multi purpose industrial gearboxes manufactured in modular bases. The most application areas are mobile construction machinery, mobile and stationary hoisting machinery, wind energy solutions, which are high torque low weight required industrial applications. It can be driven by various drive units like hydro-motor, AC or DC electric motor, servo motor.

The advantages of P Series gearboxes:

- Types with flange and foot
- Designs with bevel gear input
- Connecting with E and K series
- Flexible mounting positions
- Output bearing set with long lifetime
- DIN5480, DIN5482 spline shaft or shrink disc output options
- Cooling options

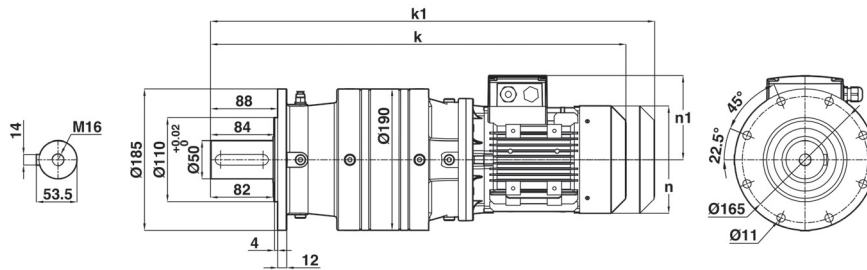


A Bakışı / A View

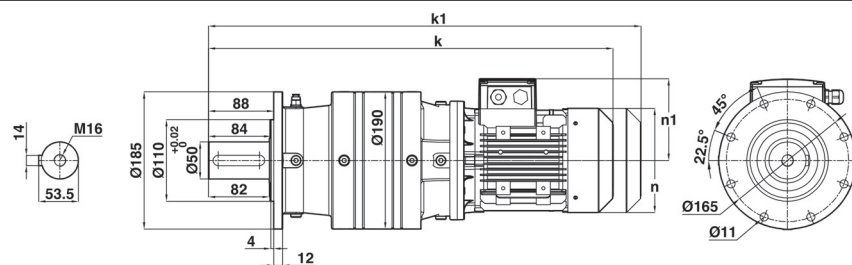
P

Serisi

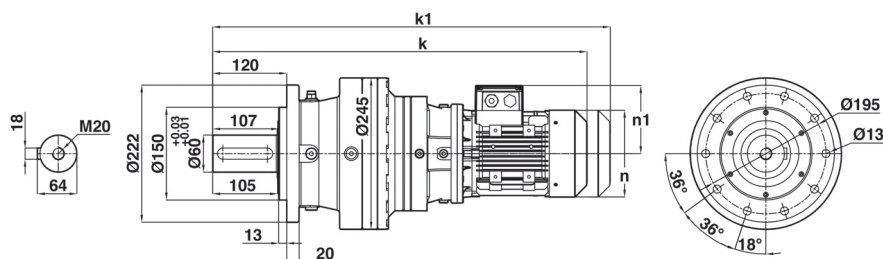
Series



PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV1101L.01	495	591	537	669	578	720	578	720	623	781	644	794	747	897	747	897	856	1024	856	1024	935	1114	935	1114
PV1102L.01	546	642	588	720	630	772	630	772	675	833	696	846	799	949	799	949	907	1075	907	1075	986	1165	986	1165
PV1103L.01	598	694	640	772	681	823	681	823	726	884	747	897	850	1000	850	1000	959	1127	959	1127	1038	1217	1038	1217
PV1104L.01	649	745	691	823	732	874	732	874	778	936	799	949	902	1052	902	1052	1010	1178	1010	1178	1089	1268	1089	1268
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259	



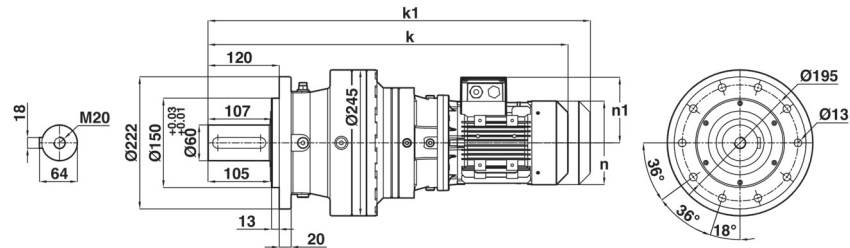
PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV1201L.01	515	611	557	689	598	740	598	740	643	801	664	814	767	917	767	917	876	1044	876	1044	955	1134	955	1134
PV1202L.01	566	662	608	740	650	792	650	792	695	853	716	866	819	969	819	969	927	1095	927	1095	1006	1185	1006	1185
PV1203L.01	618	714	660	792	701	843	701	843	746	904	767	917	870	1020	870	1020	979	1147	979	1147	1058	1237	1058	1237
PV1204L.01	669	765	711	843	752	894	752	894	798	956	819	969	922	1072	922	1072	1030	1198	1030	1198	1109	1288	1109	1288
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259	



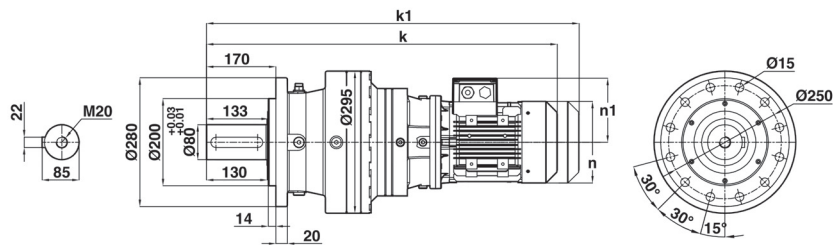
PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV1501L.01	-	-	-	-	-	-	-	-	-	-	-	-	808	958	808	958	917	1085	917	1085	966	1175	966	1175	1047	1231
PV1502L.01	607	703	649	781	690	832	690	832	735	893	756	906	859	1009	859	1009	968	1136	968	1136	1047	1226	1047	1226	-	-
PV1503L.01	658	754	700	832	742	884	742	884	787	945	808	958	910	1060	910	1060	1020	1188	1020	1188	1099	1278	1099	1278	-	-
PV1504L.01	710	806	752	884	793	935	793	935	838	996	859	1009	962	1112	962	1112	1071	1239	1071	1239	1150	1329	1150	1329	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285	

Planet Redüktörler

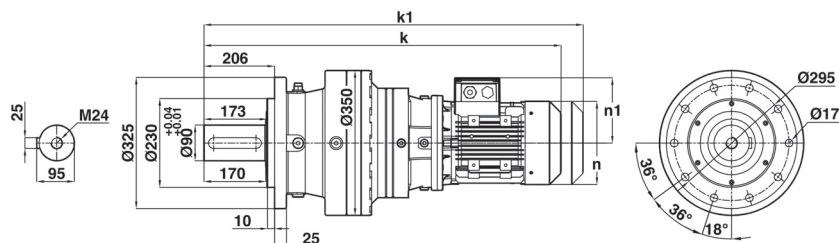
Planetary Gearboxes



PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV1601L.01	-	-	-	-	-	-	-	-	-	-	-	-	840	990	840	990	949	1117	949	1117	1028	1207	1028	1207	1079	1263
PV1602L.01	659	755	701	833	742	884	742	884	787	945	808	958	911	1061	911	1061	1020	1188	1020	1188	1099	1278	1099	1278	-	-
PV1603L.01	711	807	753	885	794	936	794	936	839	997	860	1010	963	1113	963	1113	1072	1240	1072	1240	1151	1330	1151	1330	-	-
PV1604L.01	762	858	804	936	845	987	845	987	890	1048	911	1061	1014	1164	1014	1164	1123	1291	1123	1291	1202	1381	1202	1381	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285	



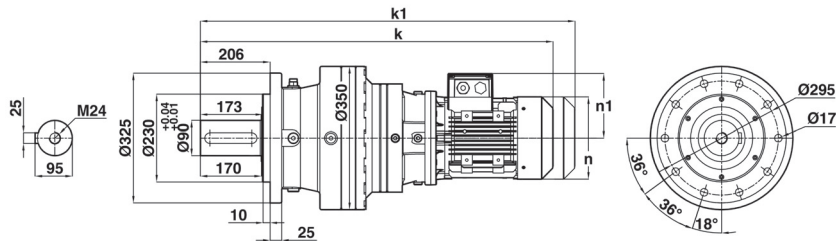
PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L		225S		225M		250M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV1901L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1027	1195	1027	1195	1106	1285	1106	1285	1157	1341	1222	1399	1247	1428	1323	1512
PV1902L.01	-	-	-	-	-	-	-	-	-	-	-	-	988	1138	988	1138	1097	1265	1097	1265	1176	1355	1176	1355	1227	1411	-	-	-	-	-	-
PV1903L.01	787	884	830	962	870	1012	870	1012	916	1074	937	1087	1040	1190	1040	1190	1149	1317	1149	1317	1228	1407	1228	1407	-	-	-	-	-	-	-	-
PV1904L.01	839	936	881	1013	922	1064	922	1064	967	1125	988	1138	1091	1241	1091	1241	1200	1368	1200	1368	1279	1458	1279	1458	-	-	-	-	-	-	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285		434/285		434/285		480/322	



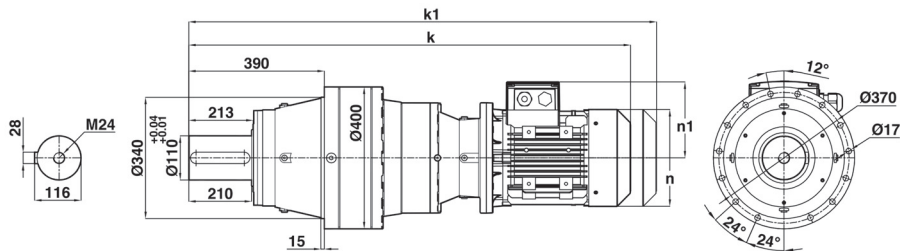
PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L		225S		225M		250M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV2301L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1187	1366	1187	1366	1238	1422	1303	1480	1328	1509	1404	1593
PV2302L.01	-	-	-	-	-	-	-	-	-	-	-	-	1069	1219	1069	1219	1178	1346	1178	1346	1257	1436	1257	1436	1308	1492	-	-	-	-	-	-
PV2303L.01	868	965	911	1043	952	1094	952	1094	997	1155	1018	1168	1121	1271	1121	1271	1230	1398	1230	1398	1308	1487	1308	1487	-	-	-	-	-	-	-	-
PV2304L.01	920	1017	962	1094	1003	1145	1003	1145	1048	1206	1069	1219	1172	1322	1172	1322	1281	1449	1281	1449	1360	1539	1360	1539	-	-	-	-	-	-	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285		434/285		434/285		480/322	

P

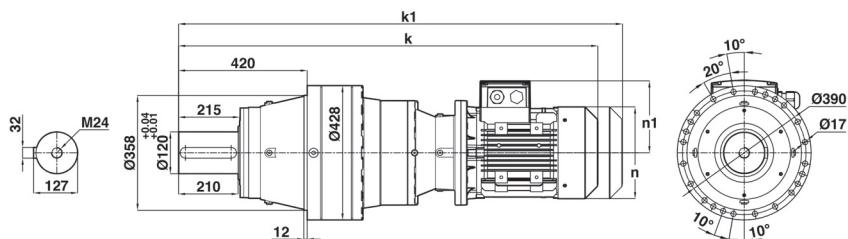
Serisi Series



PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L		225S		225M		250M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV2401L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1239	1418	1239	1418	1290	1474	1355	1532	1380	1561	1456	1645
PV2402L.01	-	-	-	-	-	-	-	-	-	-	-	-	1153	1303	1153	1303	1262	1430	1262	1430	1341	1520	1341	1520	1392	1576	-	-	-	-	-	-
PV2403L.01	972	1069	1015	1147	1056	1198	1056	1198	1101	1259	1122	1272	1225	1375	1225	1375	1334	1502	1334	1502	1413	1592	1413	1592	-	-	-	-	-	-	-	-
PV2404L.01	1024	1121	1066	1198	1107	1249	1107	1249	1152	1310	1173	1323	1276	1426	1276	1426	1385	1553	1385	1553	1464	1643	1464	1643	-	-	-	-	-	-	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285		434/285		434/285		480/322	

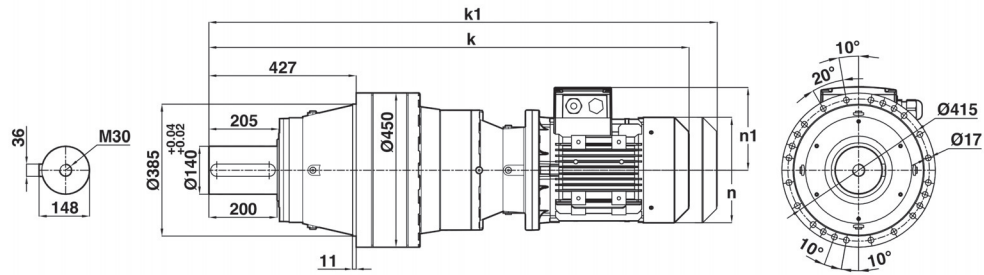


PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L		225S		225M		250M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV2701L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1340	1524	1403	1580	1428	1609	1504	1693
PV2702L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1312	1480	1312	1480	1391	1570	1391	1570	1442	1626	1507	1684	1532	1713	1608	1797
PV2703L.01	-	-	-	-	-	-	-	-	-	-	-	-	1273	1423	1273	1423	1382	1550	1382	1550	1461	1640	1461	1640	1512	1696	-	-	-	-	-	-
PV2704L.01	1072	1169	1114	1246	1155	1297	1155	1297	1200	1358	1221	1371	1324	1474	1324	1474	1433	1601	1433	1601	1512	1691	1512	1691	-	-	-	-	-	-	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285		434/285		434/285		480/322	

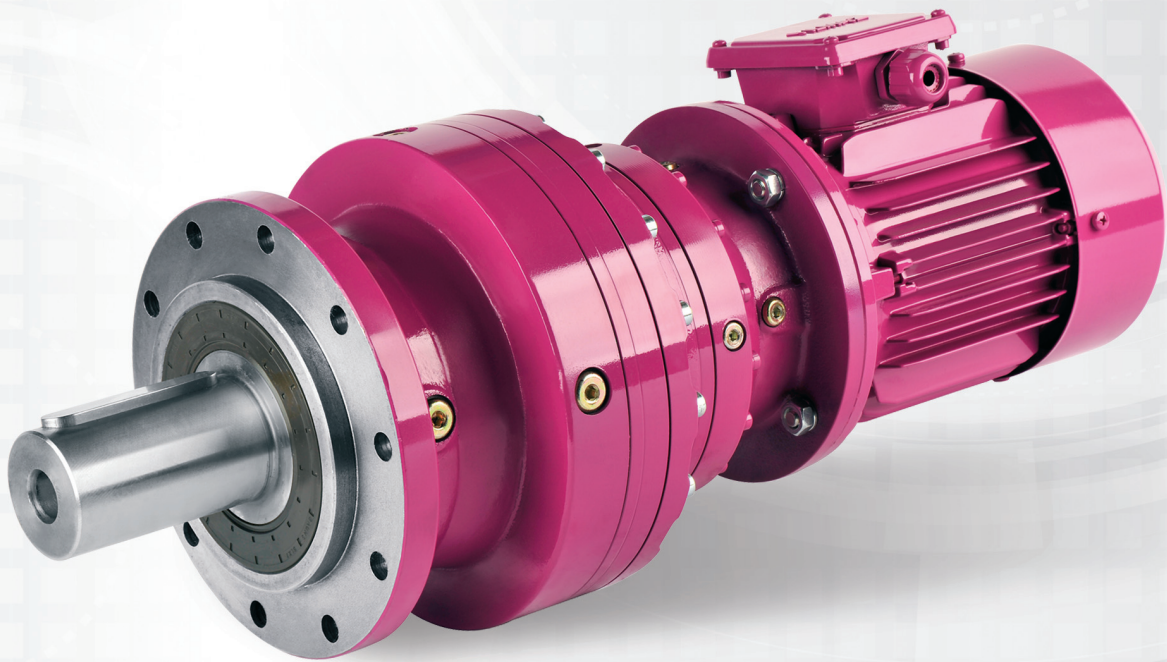


PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L		225S		225M		250M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV2901L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PV2902L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1466	1645	1466	1645	1517	1701	1582	1759	1607	1788	1683	1872
PV2903L.01	-	-	-	-	-	-	-	-	-	-	-	-	1348	1498	1348	1498	1457	1625	1457	1625	1536	1715	1536	1715	1587	1771	-	-	-	-	-	-
PV2904L.01	1147	1244	1189	1321	1230	1372	1230	1372	1276	1434	1297	1447	1400	1550	1400	1550	1508	1676	1508	1676	1587	1766	1587	1766	-	-	-	-	-	-	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285		434/285		434/285		480/322	

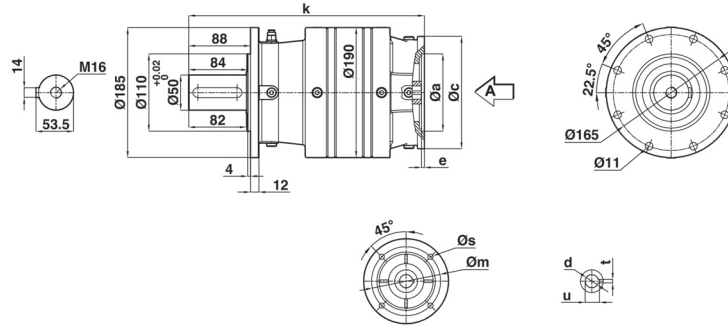
Planet Redüktörler Planetary Gearboxes



PV	71		80		90S		90L		100L		112M		132S		132M		160L		160M		180L		180M		200L		225S		225M		250M	
	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1	k	k1
PV3501L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PV3502L.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1548	1727	1548	1727	1600	1783	1665	1842	1690	1871	1766	1955
PV3503L.01	-	-	-	-	-	-	-	-	-	-	-	-	1463	1613	1463	1613	1571	1739	1571	1739	1650	1829	1650	1829	1702	1886	-	-	-	-	-	-
PV3504L.01	1282	1379	1324	1456	1365	1507	1365	1507	1410	1568	1431	1581	1534	1684	1534	1684	1643	1811	1643	1811	1722	1901	1722	1901	-	-	-	-	-	-	-	-
n/n1	138/113		156/122		176/133		176/133		193/148		215/158		257/179		257/179		316/240		316/240		354/259		354/259		385/285		434/285		434/285		480/322	



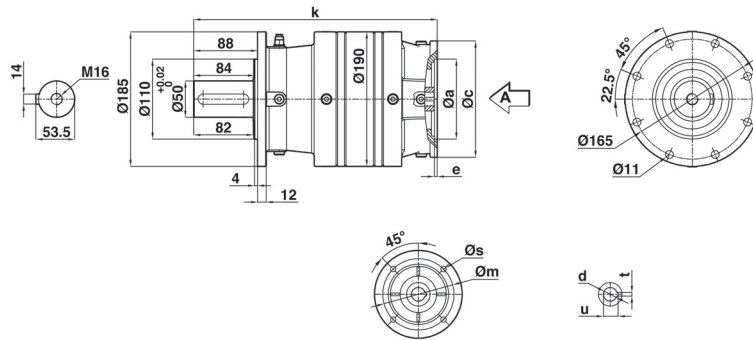
P Serisi Series



A Bakışı / A View / A Sicht

A Bakışı / A View

PN	71	80	90	100	112	132	160	180
PN1101L.0	284	303	303	313	313	333	364	364
PN1102L.0	336	355	355	365	365	385	415	415
PN1103L.0	387	406	406	416	416	436	467	467
PN1104L.0	439	458	458	468	468	488	518	518
a	110	130	130	180	180	230	250	250
m	130	165	165	215	215	265	300	300
c	160	200	200	250	250	300	350	350
e/s	4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19
d	14	19	24	28	28	38	42	48
t/u	5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8

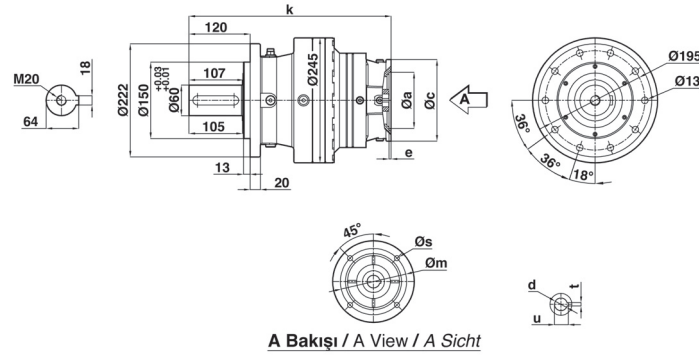


A Bakışı / A View / A Sicht

A Bakışı / A View

PN	71	80	90	100	112	132	160	180
PN1201L.0	304	323	323	333	333	352,5	384	384
PN1202L.0	356	375	375	385	385	404,5	435	435
PN1203L.0	407	426	426	436	436	455,5	487	487
PN1204L.0	459	478	478	488	488	507,5	538	538
a	110	130	130	180	180	230	250	250
m	130	165	165	215	215	265	300	300
c	160	200	200	250	250	300	350	350
e/s	4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19
d	14	19	24	28	28	38	42	48
t/u	5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8

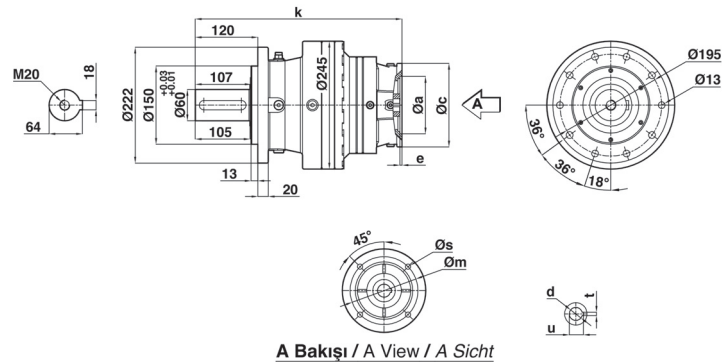
Planet Redüktörler Planetary Gearboxes



A Bakışı / A View / A Sicht

A Bakışı / A View

PN	71	80	90	100	112	132	160	180	200
PN1501L.0	-	-	-	-	-	394	425	425	425
PN1502L.0	396	415	415	425	425	445	476	476	-
PN1503L.0	448	467	467	477	477	497	527	527	-
PN1504L.0	499	518	518	528	528	548	579	579	-
a	110	130	130	180	180	230	250	250	300
m	130	165	165	215	215	265	300	300	350
c	160	200	200	250	250	300	350	350	400
e/s	4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19
d	14	19	24	28	28	38	42	48	55
t/u	5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3



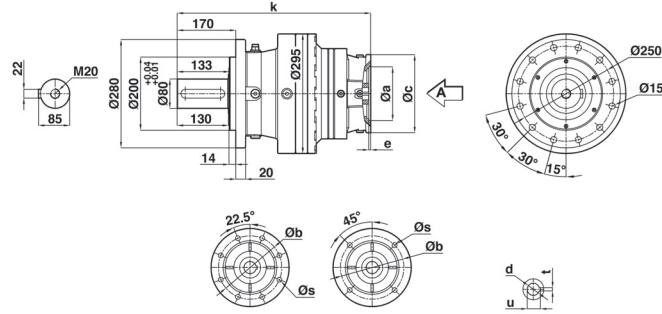
A Bakışı / A View / A Sicht

A Bakışı / A View

PN	71	80	90	100	112	132	160	180	200
PN1601L.0	-	-	-	-	-	426	457	457	457
PN1602L.0	448	467	467	477	477	497	528	528	-
PN1603L.0	500	519	519	529	529	549	580	580	-
PN1604L.0	551	570	570	580	580	600	631	631	-
a	110	130	130	180	180	230	250	250	300
m	130	165	165	215	215	265	300	300	350
c	160	200	200	250	250	300	350	350	400
e/s	4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19
d	14	19	24	28	28	38	42	48	55
t/u	5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3

P

Serisi Series

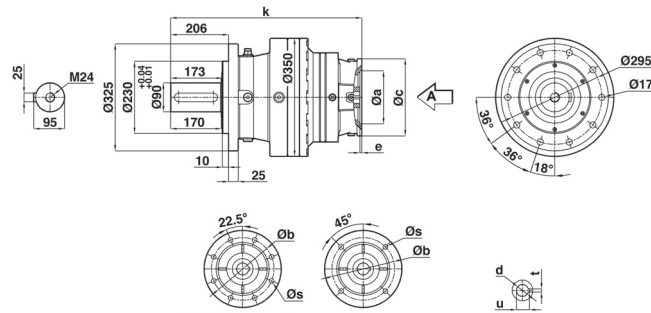


225-250 Tip/Type/Typ

A Bakışı / A View / A Sicht

A Bakışı / A View

PN	71	80	90	100	112	132	160	180	200	225	250
PN1901L.0	-	-	-	-	-	-	535	535	535	567	567
PN1902L.0	-	-	-	-	-	574	605	605	605	-	-
PN1903L.0	577	596	596	606	606	626	656	656	-	-	-
PN1904L.0	628	647	647	657	657	677	708	708	-	-	-
a	110	130	130	180	180	230	250	250	300	350	450
m	130	165	165	215	215	265	300	300	350	400	500
c	160	200	200	250	250	300	350	350	400	450	550
e/s	4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19	6/19	6/19
d	14	19	24	28	28	38	42	48	55	60	65
t/u	5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3	18/64.4	18/69.4



225-250 Tip/Type/Typ

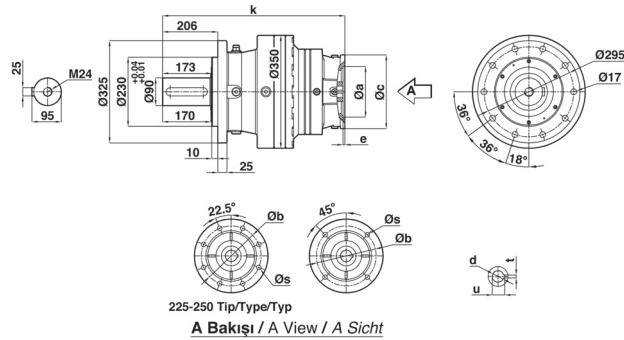
A Bakışı / A View / A Sicht

A Bakışı / A View

PN	71	80	90	100	112	132	160	180	200	225	250
PN2301L.0	-	-	-	-	-	-	-	616	616	648	648
PN2302L.0	-	-	-	-	-	655	686	686	686	-	-
PN2303L.0	658	677	677	687	687	707	737	737	-	-	-
PN2304L.0	709	728	728	738	738	758	789	789	-	-	-
a	110	130	130	180	180	230	250	250	300	350	450
m	130	165	165	215	215	265	300	300	350	400	500
c	160	200	200	250	250	300	350	350	400	450	550
e/s	4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19	6/19	6/19
d	14	19	24	28	28	38	42	48	55	60	65
t/u	5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3	18/64.4	18/69.4

Planet Redüktörler

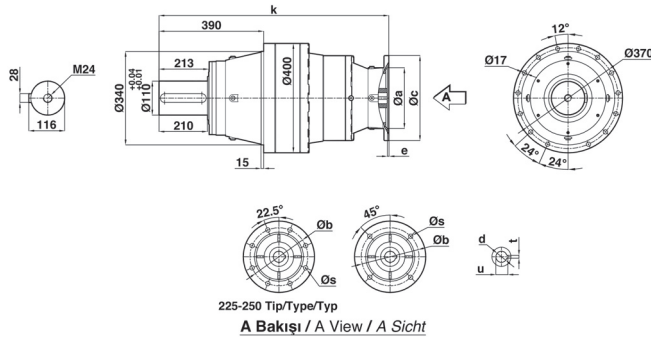
Planetary Gearboxes



A Bakışı / A View / A Sicht

A Bakışı / A View

PN		71	80	90	100	112	132	160	180	200	225	250
PN2401L.0	k	-	-	-	-	-	-	-	668	668	700	700
PN2402L.0		-	-	-	-	-	739	770	770	770	-	-
PN2403L.0		762	781	781	791	791	811	841	841	-	-	-
PN2404L.0		813	832	832	842	842	862	893	893	-	-	-
a		110	130	130	180	180	230	250	250	300	350	450
m		130	165	165	215	215	265	300	300	350	400	500
c		160	200	200	250	250	300	350	350	400	450	550
e/s		4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19	6/19	6/19
d		14	19	24	28	28	38	42	48	55	60	65
t/u		5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3	18/64.4	18/69.4

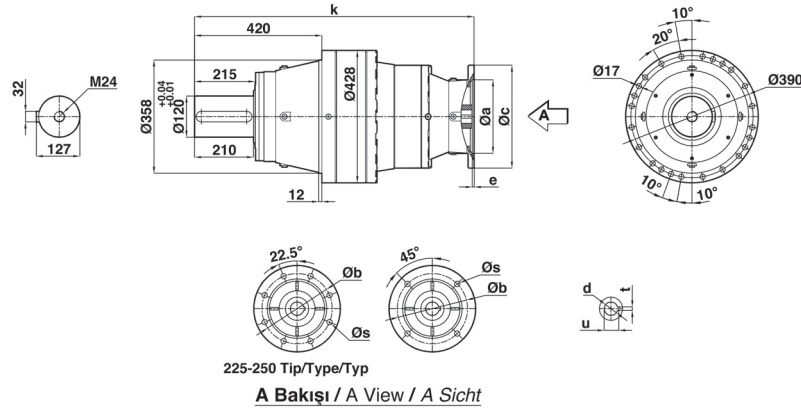


A Bakışı / A View / A Sicht

A Bakışı / A View

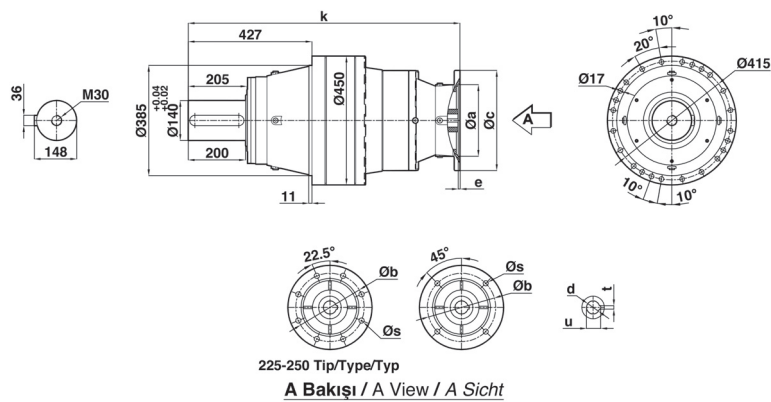
PN		71	80	90	100	112	132	160	180	200	225	250
PN2701L.0	k	-	-	-	-	-	-	-	-	717	748	748
PN2702L.0		-	-	-	-	-	-	820	820	820	852	852
PN2703L.0		-	-	-	-	-	859	890	890	890	-	-
PN2704L.0		862	881	881	891	891	911	941	941	-	-	-
a		110	130	130	180	180	230	250	250	300	350	450
m		130	165	165	215	215	265	300	300	350	400	500
c		160	200	200	250	250	300	350	350	400	450	550
e/s		4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19	6/19	6/19
d		14	19	24	28	28	38	42	48	55	60	65
t/u		5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3	18/64.4	18/69.4

Serisi Series



A Bakışı / A View

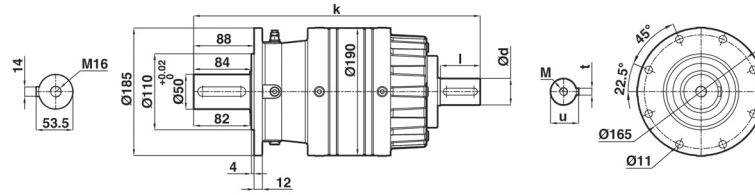
PN		71	80	90	100	112	132	160	180	200	225	250
PN2901L.0	k	-	-	-	-	-	-	-	-	-	-	-
PN2902L.0		-	-	-	-	-	-	-	895	895	927	927
PN2903L.0		-	-	-	-	-	934	965	965	965	-	-
PN2904L.0		937	956	956	966	966	985	1016	1016	-	-	-
a		110	130	130	180	180	230	250	250	300	350	450
m		130	165	165	215	215	265	300	300	350	400	500
c		160	200	200	250	250	300	350	350	400	450	550
e/s		4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19	6/19	6/19
d		14	19	24	28	28	38	42	48	55	60	65
t/u		5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3	18/64.4	18/69.4



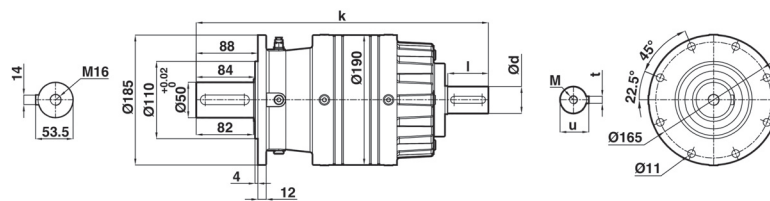
A Bakışı / A View

PN	71	80	90	100	112	132	160	180	200	225	250
PN3501L.0	-	-	-	-	-	-	-	-	-	-	-
PN3502L.0	-	-	-	-	-	-	-	978	978	1010	1010
PN3503L.0	-	-	-	-	-	1049	1080	1080	1080	-	-
PN3504L.0	1071	1090	1090	1100	1100	1120	1151	1151	-	-	-
a	110	130	130	180	180	230	250	250	300	350	450
m	130	165	165	215	215	265	300	300	350	400	500
c	160	200	200	250	250	300	350	350	400	450	550
e/s	4/10	4/12	4/12	5/15	5/15	5/15	6/19	6/19	6/19	6/19	6/19
d	14	19	24	28	28	38	42	48	55	60	65
t/u	5/16.3	6/21.8	8/27.3	8/31.3	8/31.3	10/41.3	12/45.3	14/51.8	16/59.3	18/64.4	18/69.4

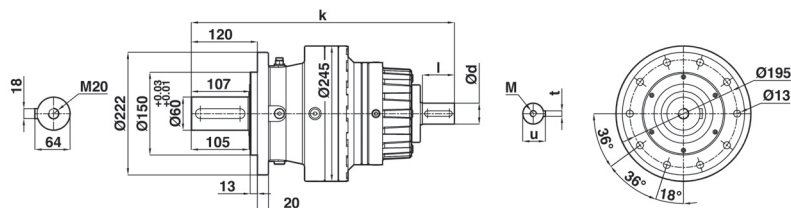
Planet Redüktörler Planetary Gearboxes



PT	k	d	t	u	l	M
PT1101L.01	365,5	38	10	41	58	M12
PT1102L.01	417,5	38	10	41	58	M12
PT1103L.01	468,5	38	10	41	58	M12
PT1104L.01	520,5	38	10	41	58	M12



PT	k	d	t	u	l	M
PT1201L.01	385,5	38	10	41	58	M12
PT1202L.01	437,5	38	10	41	58	M12
PT1203L.01	488,5	38	10	41	58	M12
PT1204L.01	540,5	38	10	41	58	M12

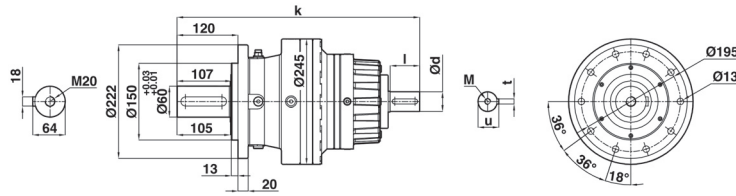


PT	k	d	t	u	l	M
PT1501L.01	510	48	14	52	82	M16
PT1502L.01	478	38	10	41	58	M12
PT1503L.01	530	38	10	41	58	M12
PT1504L.01	581	38	10	41	58	M12

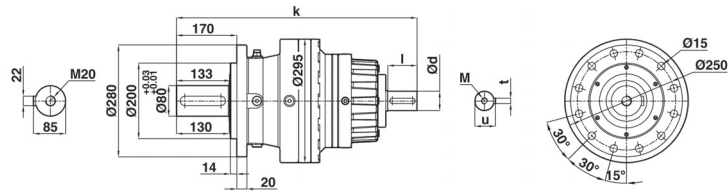
P

Serisi

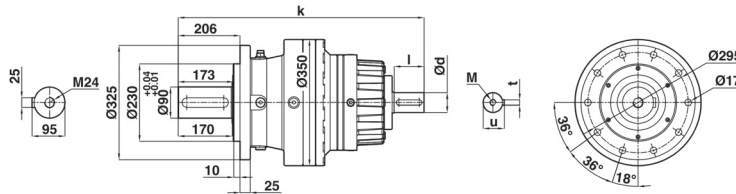
Series



PT	k	d	t	u	l	M
PT1601L.01	542	48	14	52	82	M16
PT1602L.01	530	38	10	41	58	M12
PT1603L.01	582	38	10	41	58	M12
PT1604L.01	633	38	10	41	58	M12



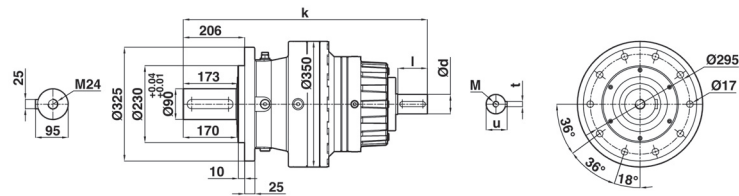
PT	k	d	t	u	l	M
PT1901L.01	672	60	18	64	105	M20
PT1902L.01	690	48	14	52	82	M16
PT1903L.01	659	38	10	41	58	M12
PT1904L.01	710	38	10	41	58	M12



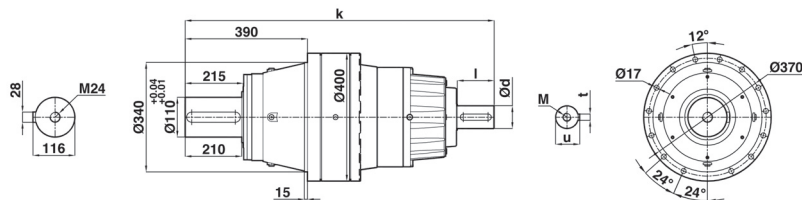
PT	k	d	t	u	l	M
PT2301L.01	758	80	22	85	130	M20
PT2302L.01	771	48	14	52	82	M16
PT2303L.01	740	38	10	41	58	M12
PT2304L.01	791	38	10	41	58	M12

Planet Redüktörler

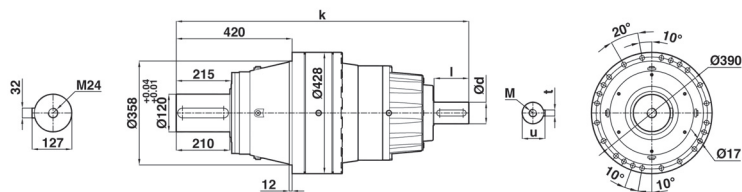
Planetary Gearboxes



PT	k	d	t	u	l	M
PT2401L.01	810	80	22	85	130	M20
PT2402L.01	855	48	14	52	82	M16
PT2403L.01	844	38	10	41	58	M12
PT2404L.01	895	38	10	41	58	M12



PT	k	d	t	u	l	M
PT2701L.01	875	80	22	85	130	M20
PT2702L.01	957	60	18	64	105	M20
PT2703L.01	975	48	14	52	82	M16
PT2704L.01	944	38	10	41	58	M12



PT	k	d	t	u	l	M
PT2901L.01	909	80	22	85	130	M20
PT2902L.01	1037	80	22	85	130	M20
PT2903L.01	1050	48	14	52	82	M16
PT2904L.01	1019	38	10	41	58	M12

[illegible]

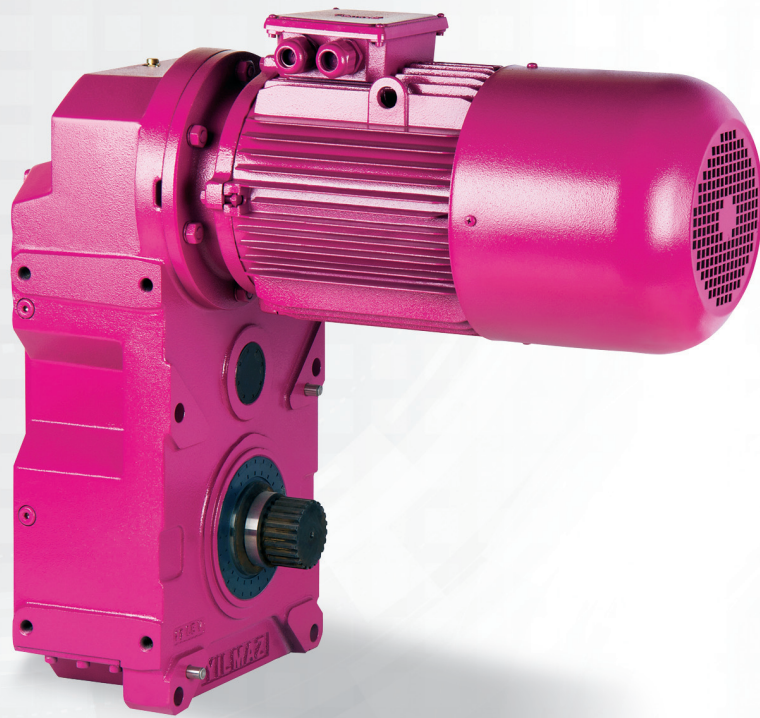


Technical drawings of the W95x33x30x8f DIN5480 valve, showing front, side, and cross-sectional views with dimensions.

Vinç Tamburu Tahrik Redüktörü

Hoist Drum Drive Units

Hoist Drum Drive Units



5 Farklı Büyüklük, 0,5-50 ton aralığı vinçler için 3 kademeli çift ve tek hızlı frenli redüktörler

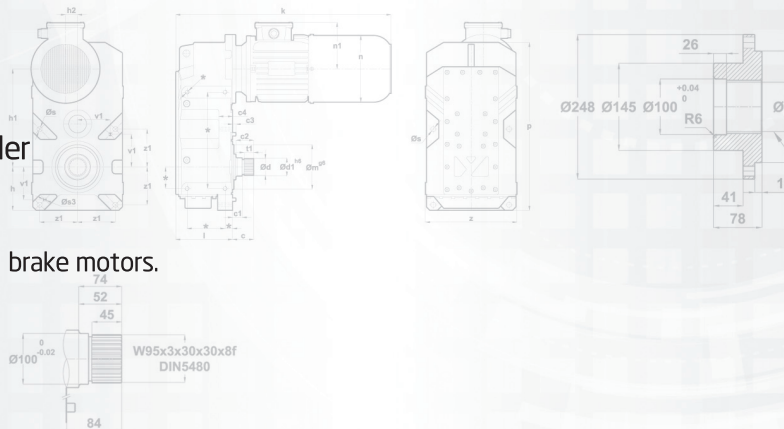
0,5-50 ton aralığı vinçler için

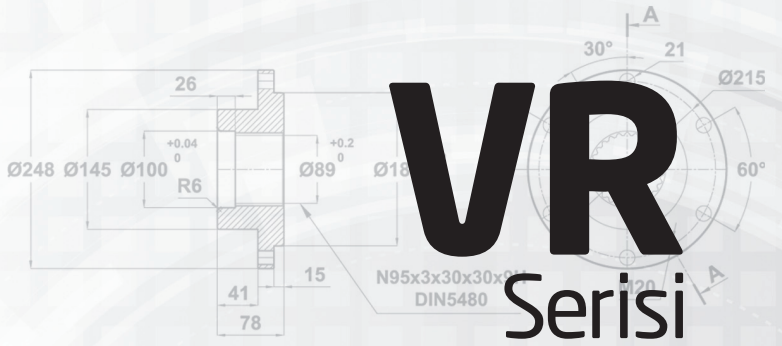
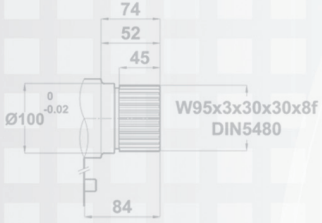
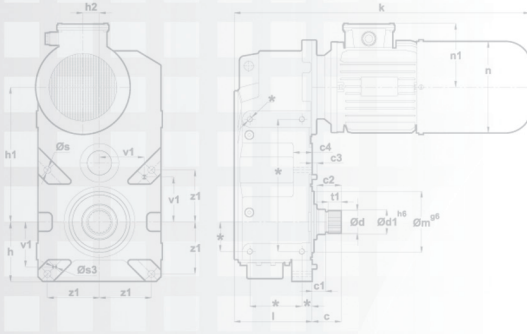
3 kademeli çift ve tek hızlı frenli redüktörler

5 Different Sizes,

0,5-50 ton weight range for hoists

3 stages gearboxes with single and double speed brake motors.

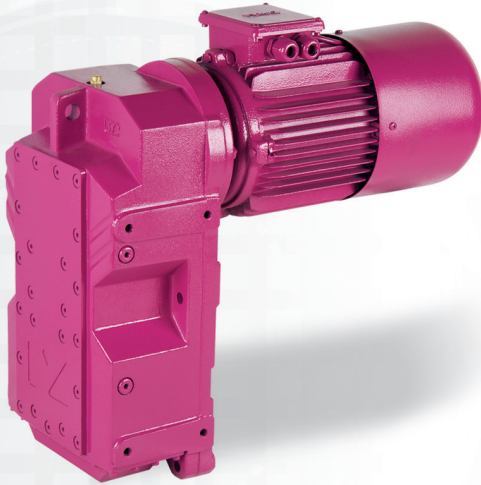
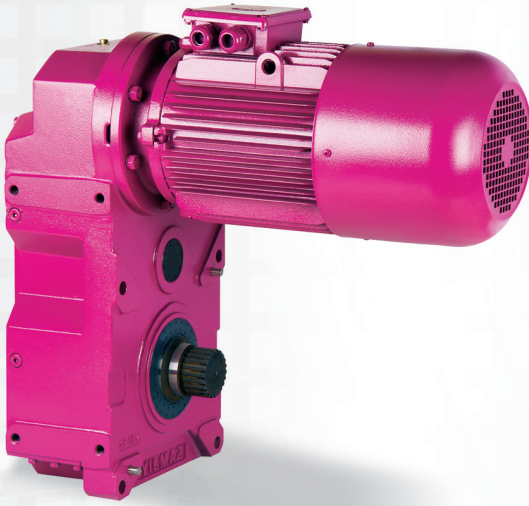




VR

Serisi

Series



VR Serisi

Avantajlar:

Benzersiz tasarım: Monoblok Gövde. Yüksek halat ömrü için büyük tambur kullanılması istenildiğinde, benzer sınıftaki ürünlere göre daha büyük tambur çapı kullanabilme imkanı. Konik masuralı rulmanlar ile yüksek radyal yük taşıma kabiliyeti. Benzer sınıftaki ürünlere göre daha yüksek ISO/FEM sınıflarını karşılayabilme. Cıvata bağlantısı direkt gövde üzerindeki kulaklardan yapılmaktadır. Uzun saplama veya cıvata gerekmez. Bağlantı daha rijittir. Elektrik panosunu direkt redüktör üzerine bağlayabilme imkanı. Sektöre özel bağlantı şekli.

Özellikler:

5 farklı büyüklük. Geniş devir aralığı. 0.5-50 tonaj aralığı. Çift ve tek devirli, frenli motorlarla kullanılabilme. DIN 5480'e göre farklı ölçülerde çıkış mili. GGG40 döküm gövde. Farklı montaj pozisyonlarında kullanabilme. Opsiyonel tambur bağlantı flanşı.

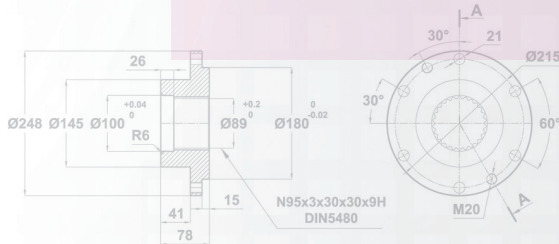
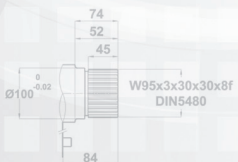
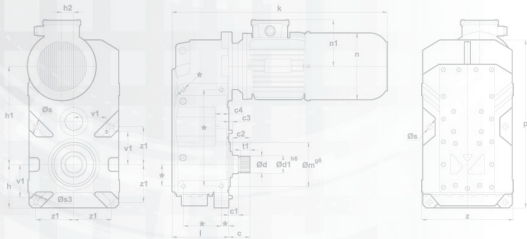
VR Series

Advantages:

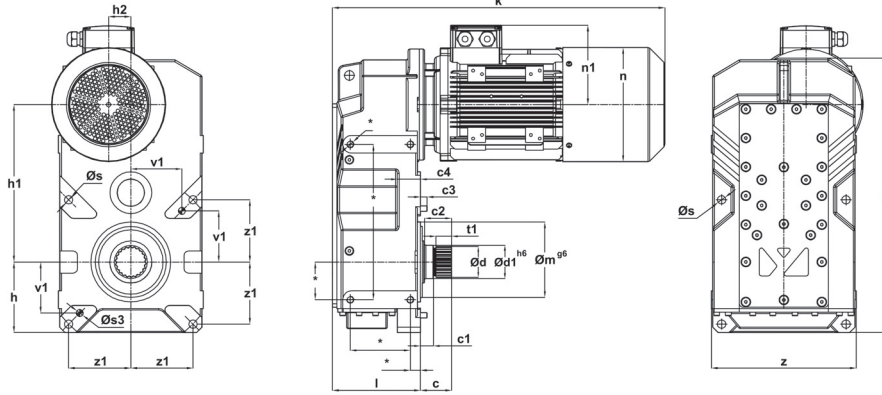
Unique design: Monoblock Housing. Possibility of using larger drums compared to similar size of products to achieve longer rope service life. Capability of withstanding high radial loads with taper roller bearings. Designed for higher ISO/FEM load classifications compared to similar size of products. Easy connection holes for shorter bolts and more rigid mounting. Power panel can be mounted directly on the drive unit. Industry-specific connection types.

Specifications:

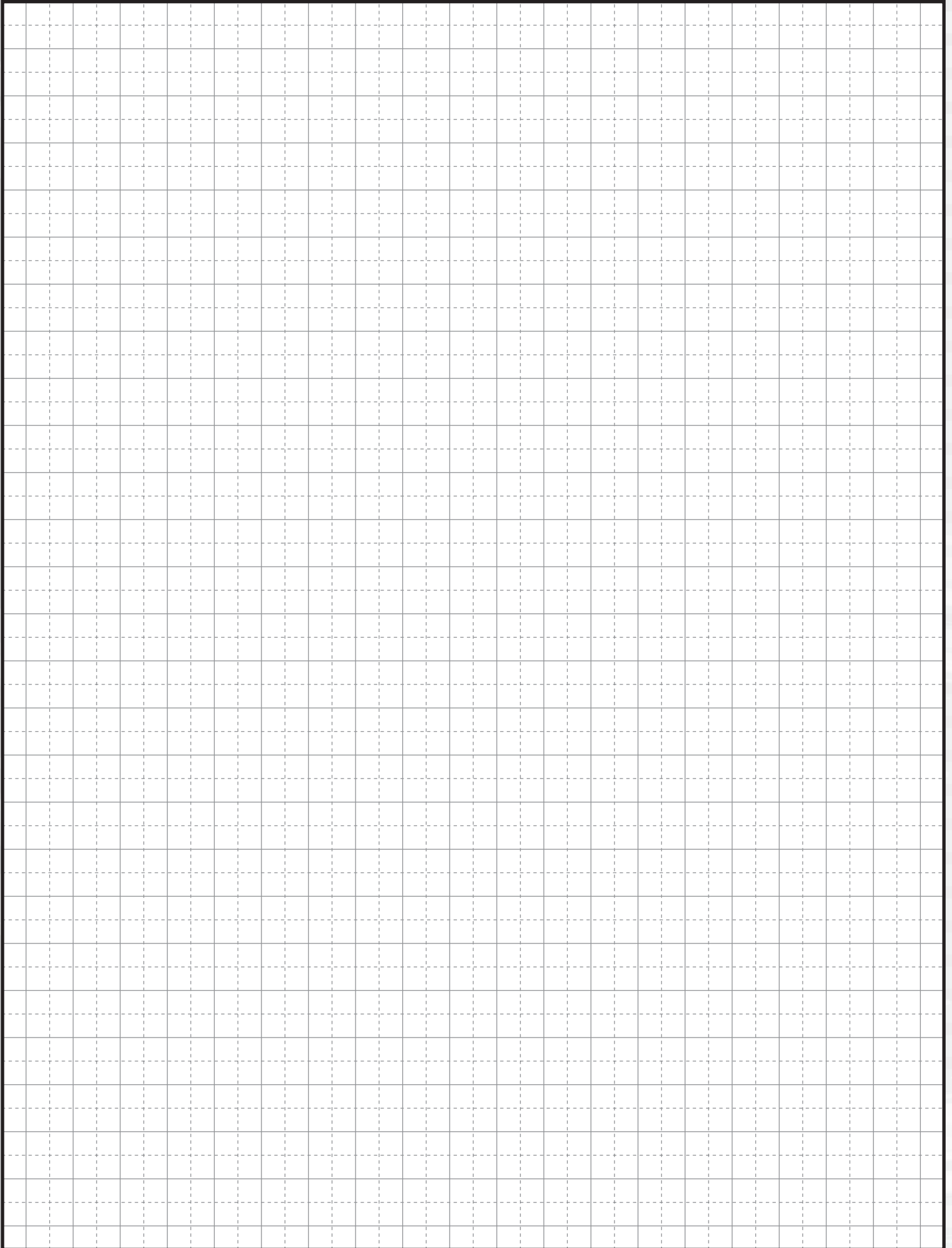
5 different sizes. Wide speed range. 0.5-50 tones load range. Designed for double and single according to DIN5480. GGG40 cast iron housing. Suitable for different mounting positions. Optional drum connection flange.



VR Serisi Series



VR		Dış Boyutlar Dimensions of Outline					Montaj Ölçüleri Dimensions for Mounting				Mil Ölçüleri Dimensions of Shaft				
		z/p	k	n/n1	h/h1	h2/l	m	s/s3	v1/z1	c3/c4	c	c1/c2	d	d1	t1
VR373.1K	71	218 401	501	137/112	106 231	20 145	ø110 (g6)	ø13 ø8	75 90	15 39	55	22 48	W45x2x30x21x8f DIN5480	ø50 (h6)	28
	80		531	155/121											
	90S		579	176/132											
	90L		579	176/132											
	100L		647	193/147											
	112M		658	215/158											
	132S		743	257/179											
VR473.1K	90S	266 488	591	176/132	126 285	35 166	ø130 (g6)	ø15 ø10	95 110	15 44	60,5	27 51,5	W50x2x30x24x8f DIN5480	ø55 (h6)	28
	90L		591	176/132											
	100L		656	193/147											
	112M		670	215/158											
	132S		759	257/179											
	132M		759	257/179											
	160M		870	315/219											
VR573.1K	90L	326 614	616	176/132	159 355	50 199	ø160 (g6)	ø19 ø16	115 140	15 53	69	28 61	W70x3x30x22x8f DIN5480	ø75 (h6)	35
	100L		678	193/147											
	112M		692	215/158											
	132S		779	257/179											
	132M		779	257/179											
	160M		890	315/219											
	160L		890	315/219											
	180M		942	347/234											
	180L		942	347/234											
VR673.1K	100L	400 728	705	193/147	200 415	60 235	ø200 (g6)	ø20 ø20	132.5 157.5	20 55	84	32 74	W95x3x30x30x8f DIN5480	ø100 (h6)	45
	112M		719	215/158											
	132S		808	257/179											
	132M		808	257/179											
	160M		919	315/219											
	160L		919	315/219											
	180M		971	347/234											
	180L		971	347/234											
	200L		1032	385/267											
VR773.1K	132S	460 815	841	257/179	225 465	80 275	ø230 (g6)	ø22 ø30	160 187.5	20 59	110	35 97	W110x4x30x26x8f DIN5480	ø115 (h6)	67
	132M		841	257/179											
	160M		952	315/219											
	160L		952	315/219											
	180M		1004	347/234											
	180L		1004	347/234											
	200L		1055	385/267											
	225S		1116	434/285											
	225M		1141	434/285											



Gücün kontrolünü elinize alın.



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