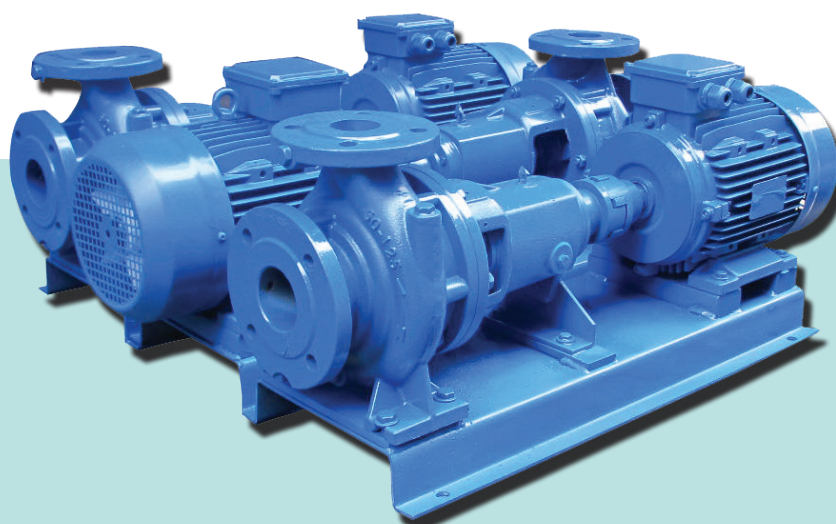
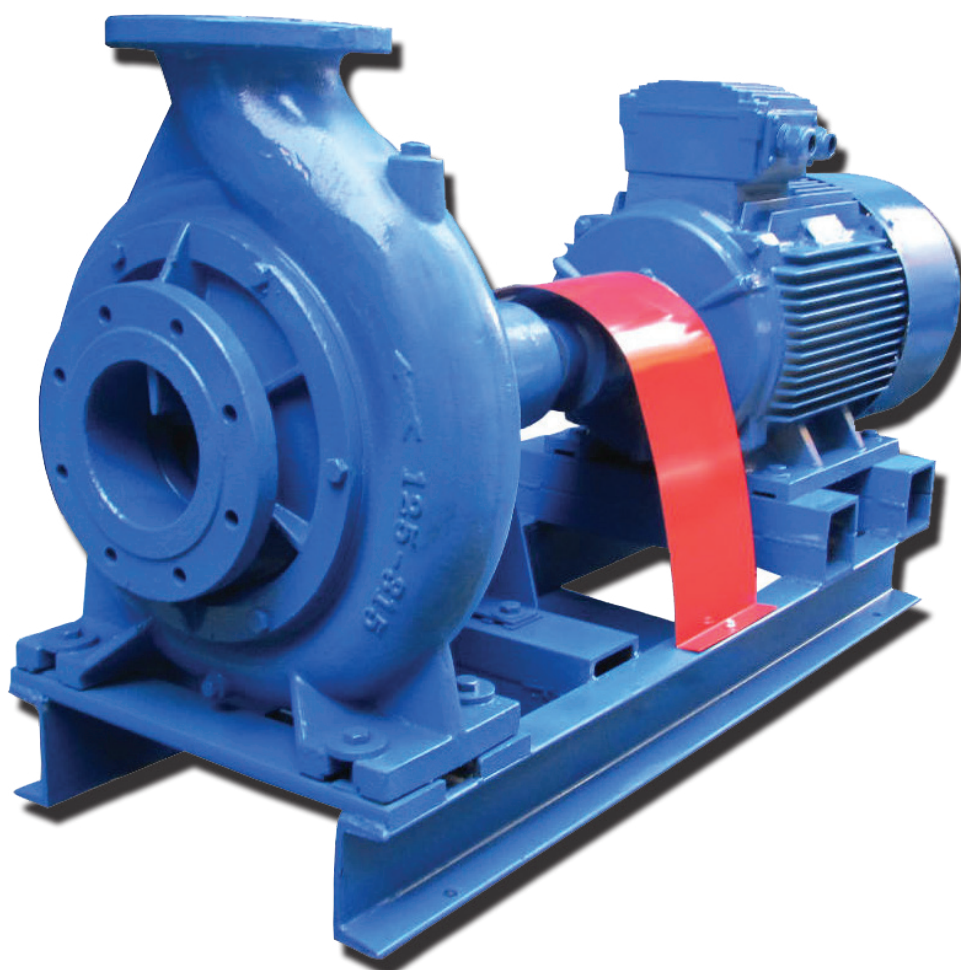


ENP SERİSİ TEK KADEMELİ SANTRİFÜJ POMPA ENP SERIAL SINGLE STAGE END SUCTION PUMP



TEK KADEMELİ SANTRİFÜJ POMPA

ENP tip santrifüj pompalar tek fanlı, salyangoz gövdeli, şase üzerinde elektrik motoru ile kaplin bağlantılı pompalardır. Pratikte en çok kullanım alanına sahiptirler.

Malzemeleri standart olarak kır (pik) döküm olarak imal edilmesine karşın sipariş üzerine sfero ve paslanmaz gibi farklı malzemelerden de imal edilebilmektedirler. Sızdırmazlık olarak örgülü yumuşak salmastra veya mekanik salmastra kullanılabilir.

Teknik Değerler

Kapasite: 4 – 1250 m³ / saat
Basınç: 1 – 110 mSS
Çalışma Sıcaklığı: +2 / +140 °C
Motor gücü: 0.55 – 75 kW
Motor devri: 1500 , 3000 d/d

Sızdırmazlık

ENP serisi santrifüj pompalar standart olarak genle sıkıştırılan teflon örgülü yumuşak salmastra kullanılmaktadır. Salmastra kutusunda sulama halkası bulunmaktadır. İsteğe bağlı olarak mekanik salmastra kullanılabilir.

Yataklar

ENP serisi santrifüj pompalarda genellikle bakım gerektirmeyen ömür boyu yağlı kapalı tip rulmanlı yatak kullanılmaktadır. İstek halinde bütün pompaların yatakları sıvı yağlı veya gres basılabilen tipte yapılabilir.

Kullanım Alanları

- * Su temininde
- * Sulama Sistemlerinde
- * Fabrikalarda.
- * Kimya, ilaç, kozmetik sektöründe
- * Akışkan sirkülasyonunda
- * Kalorifer tesisatlarında
- * Kağıt, tekstil, inşaat sektöründe
- * Güç üretim sahalarında
- * Plastik, lastik, boya sektöründe
- * Arıtma tesislerinde
- * İçecek sektöründe
- * Soğutma ünitelerinde

SINGLE STAGE END SUCTION PUMP

ENP type centrifugal pump is a single impeller, volute casing, coupling and on the chassis with electric motor pumps. In practice, they are of most use.

Although materials to be produced as standard gray cast iron, but on the order can be made of ductile cast iron and different materials like stainless. Can be used as sealing braided gland packing or mechanical seal.

Technical Data

Capacity : 4 – 1250 m³ / h
Head: 1 – 110 m
Working Temperature: +2 / +140 °C
Motor power: 0.55 – 75 kW
Motor speed: 1500 , 3000 rpm

Sealing

ENP series centrifugal pumps as standard, compressed with gland braided teflon soft seal is used. There are water ring in the stuffing box. Optionally, the mechanical seal used.

Bearing

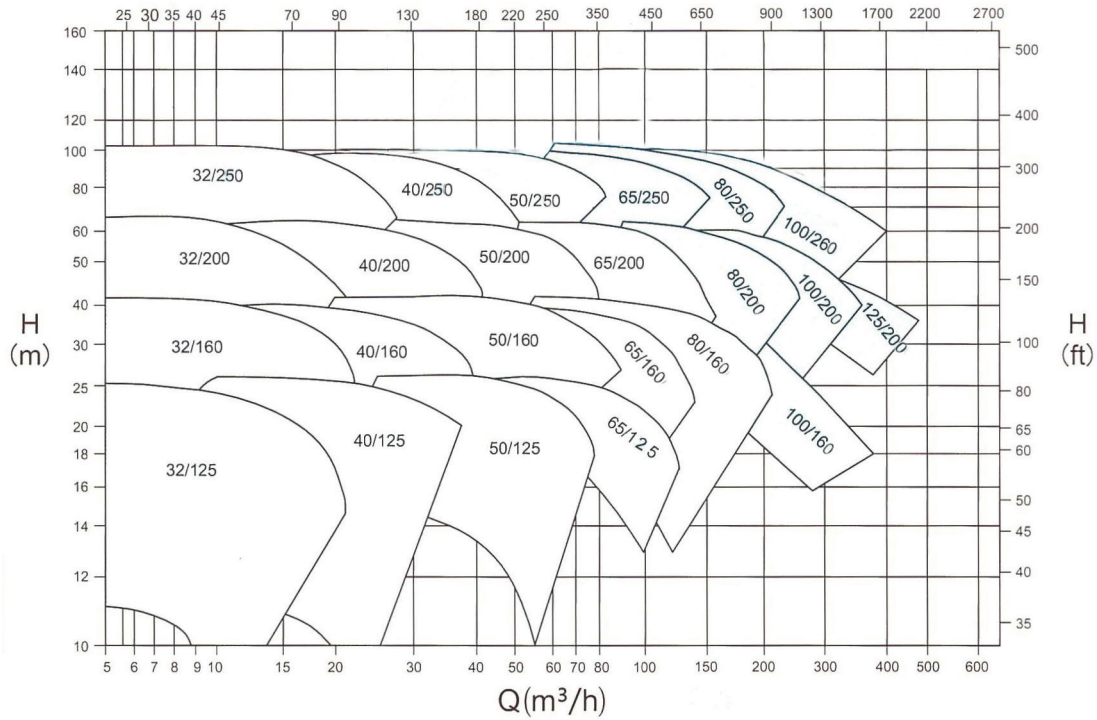
ENP series centrifugal pumps are usually maintenance-free, lifetime oil, closed type ball bearings are used. Where desired, the entire pump bearings can be a type which is pumped oil or grease.

Applications:

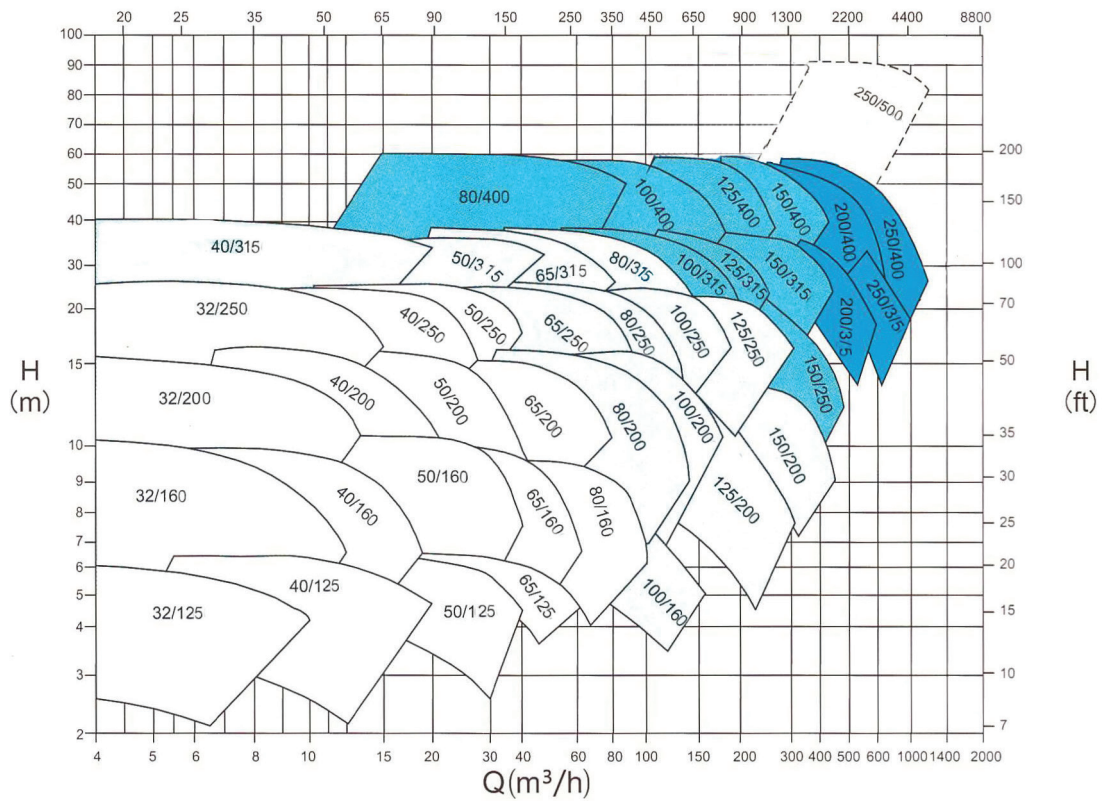
- * In water supply
- * Irrigation Systems
- * In the factories.
- * Chemical, pharmaceutical, cosmetic industry
- * Fluid in circulation
- * Central heating installations
- * Paper, textiles, construction industry
- * In the fields of power generation
- * Plastic, rubber, paint industry
- * Treatment plants
- * In the beverage industry
- * Cooling units

Pompa Performans Eğrileri / Pump Performance Curves

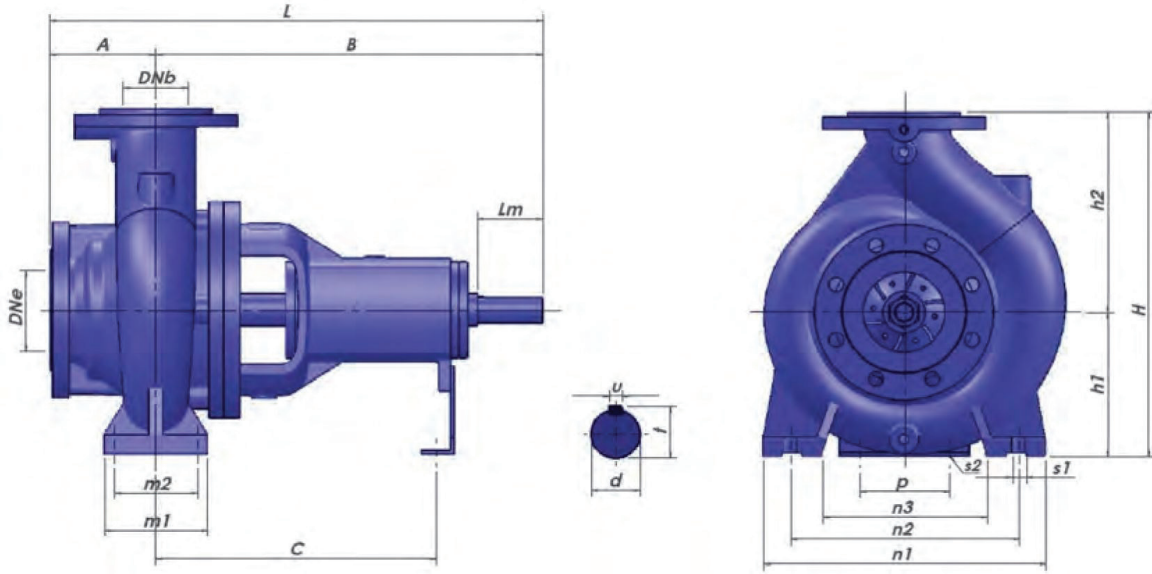
Q (US G.P.M) 2900d/d-rpm



Q (US G.P.M) 1450d/d-rpm



ENP Serisi Pompaları ENP Serial Pumps



Pompa Ölçüleri / Pump Dimensions (mm)

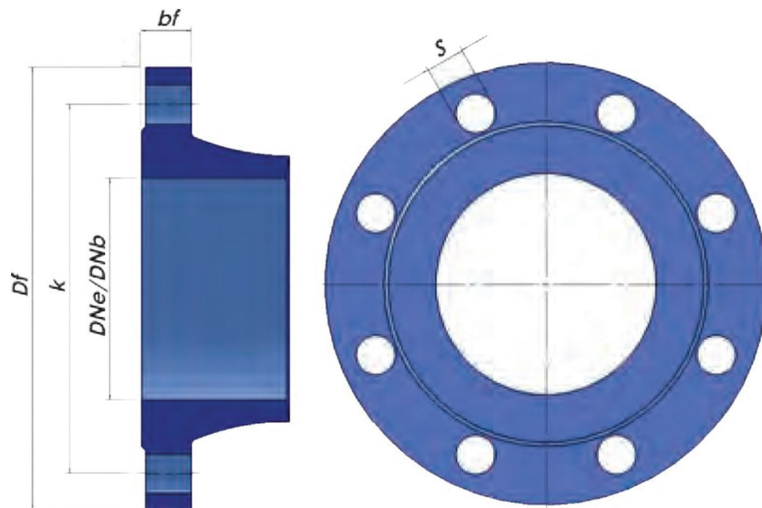
Tip/Type	DNe	DNb	A	B	L	H	h1	h2	m1	m2	n1	n2	n3	s1	p	s2	C	d	Lm	t	u	Ag/Wei-KG
ENP32-125	50	32	82	347	429	252	112	140	105	81	220	160	110		110	14	221	28	40	31	8	28
ENP32-160			79	346	425	292	132	160	103	79	240	190	140	12			231					32
ENP32-200			80		426	340	160	180	102		244		135				239					40
ENP32-250			102	354	456	405	180	225	126	100	320	260	188	14			230					50
ENP40-125	65	40	80	356	436	252	112	140	100	79	208	160	110	13			230					33
ENP40-160			90	342	432	292	132	160	103	78	246	190	132	12			228					34
ENP40-200			100	348	448	340	160	180	102	77	270	214	158				234					40
ENP40-250			114		462	405	180	225	128	99	320	255	186	14			334	54				
ENP40-315		50	100	465	565	450	200	250	127	100	348	280	188	16			230	74				
ENP50-125			110	356	456	292	132	160	100	77	240	190	140				223	36				
ENP50-160				338	448	340	160	180		75	268	214	160	228			43					
ENP50-200			342	452	360	200		108	80	269	216	147	241	58								
ENP50-250	80	65	101	356	457	405	180	225	124	97	316	248	176				342	32	80	35	10	82
ENP50-315			125	474	599	505	225	280	126	99	348	280	184	16			230	39				
ENP65-125		80	100	356	456	340	160	180	125	102	280	215	150	14			223	41				
ENP65-160			108	338	446	360		200	127	100	282	214	144	230			48					
ENP65-200			104	344	448	405	180	225	136	109	323	255	186					343	76			
ENP65-250			100	475	575	450	200	250		125	365	278	195	18			340	87				
ENP65-315		128	471	599	505	225	280	160	405		315	231					230		115			
ENP65-400		125	472	597	615	260	355		130	435	355	375	16	230			46					
ENP80-160	100	80	126	344	470	405	180	225	126	99	331	263	194	12			343	72				
ENP80-200			130	474	604	430				250			405	317			235		346	81		
ENP80-250			127	477	604	480	200	280			404	315	233	342			100					
ENP80-315			126	474	600	565	250	315	160	125	404	315	270					14	344	148		
ENP80-400			125	531	656	635	280	355			440	355	270	14			344	42	110		45	12

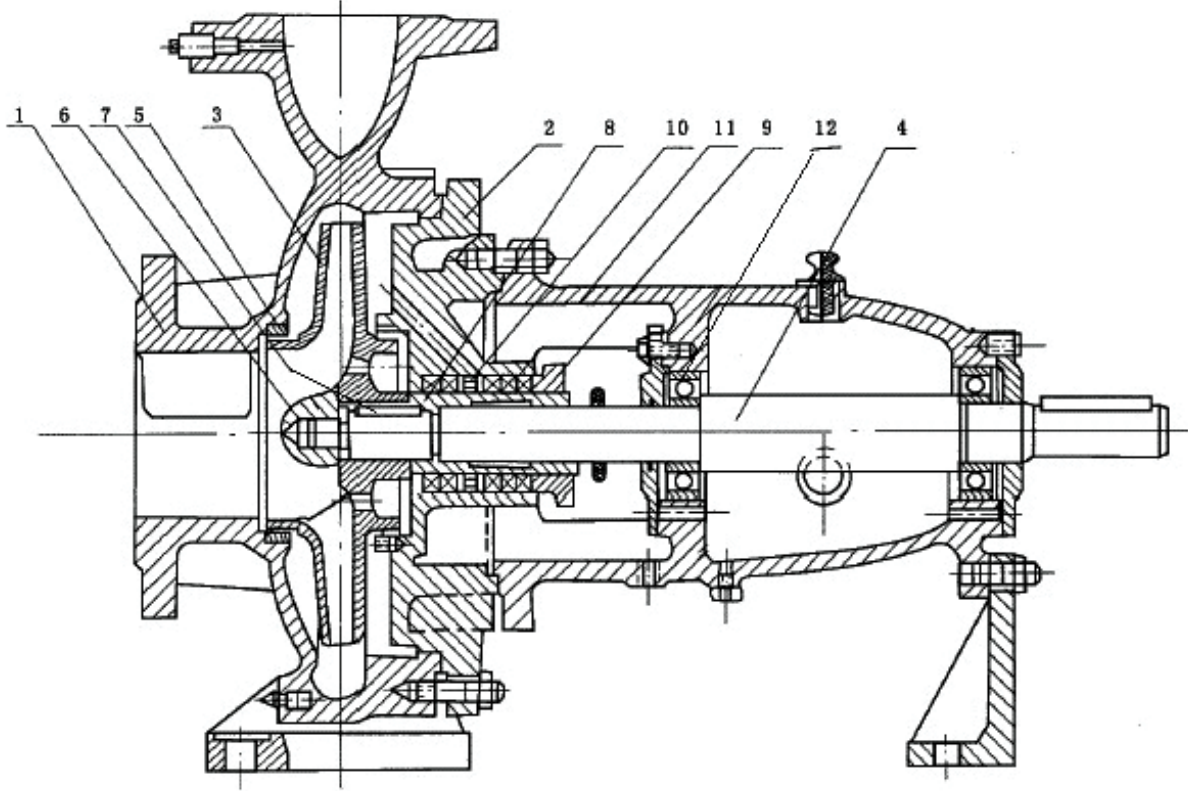
ENP Serisi Pompa Ölçüleri / ENP Serial Pump Dimensions (mm)

	DNe	DNb	A	B	L	H	h1	h2	m1	m2	n1	n2	n3	s1	p	s2	C	d	Lm	t	u	Ağ/ Wei-KG
ENP100-160	125	100	120	369	489	480	200	280	160	125	363	278	193	18	110	14	255	28	40	31	8	69
ENP100-200			127	476	603	480			163	130	360	285	206	20			345	32	80	35	10	71
ENP100-250			142	475	617	505			225	160	126	395	315	235			18					343
ENP100-315			140	473	613	565	250	315	124		401	229										
ENP100-400			147	528	675	635	280	355	200	155	505	399	293	20			341	42	110	45	12	190
ENP125-200	150	125	143	476	619	565	250	315	160	130	400	315	244	18	110	14	344	32	80	35	10	87
ENP125-250			137	477	614	605		355		125		232	16	346			101					
ENP125-315			140	532	672	635	280		200	155	506	401	295	20			361	42	110	45	12	157
ENP125-400			144	530	674	715	315	400			502	396	294				345					186
ENP150-200			200	150	162	473	635	635	280	355	204	158	513	403			293	24	110	14	342	32
ENP150-250	160	474			634	660	380	205		159	515	291	343		150							
ENP150-315		532			532	680	315	400	200	155	560	450	340	22	361	42	110	45			12	166
ENP150-400		530			530	765		450		154					344							195

Flanş Ölçüleri Flange Dimensions (mm)

Pump Type	Suction (PN 16) / Emme						Discharge (PN16) / Basma					
Pompa Tipi	DNe	Df	k	s	n	bf	DNb	Df	k	s	n	bf
32	50	165	125	18	4	20	32	140	100	18	4	18
40	65	185	145	18	4	20	40	150	110	18	4	18
50	65	185	145	18	4	20	50	165	125	18	4	20
65	80	200	160	18	8	22	65	185	145	18	4	20
80	100	220	180	18	8	24	80	200	160	18	8	22
100	125	250	210	18	8	26	100	220	180	18	8	24
125	150	285	240	23	8	26	125	250	210	18	8	26
150	200	240	295	23	12	30	150	285	240	23	8	26





No	Parça Listesi/Part List	Adet/Qty	Pik Döküm/Cast iron	Sfero Döküm/Nodular Cast iron	304	316	316L	Karbon Çeliği/Carbon Steel	Bronz/Bronze	PTFE	NBR
1	Gövde/Casing	1	X	X	X	X	X				
2	Salmastra yuvası/Casing Cover	1	X	X	X	X	X				
3	Fan/Impeller	1	X	X	X	X	X		X		
4	Mil/Shaft	1			X	X	X	X			
5	Aşınma halkası/Wear ring	1	X	X					X		
6	Fan somunu/ Impeller nut	1			X	X	X	X			
7	Kama/Key	2						X			
8	Burç/Sleeve	1			X			X	X		
9	Glen/Gland	1	X	X	X			X			
10	Salmastra /Seal	1								X	X
11	Rulman yatağı/Bearing house	1	X	X							
12	Rulman /Bearing	2					X				