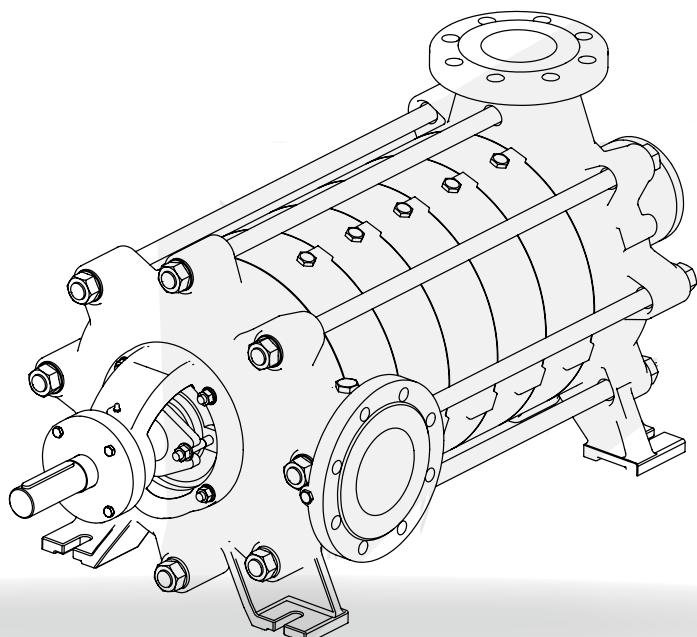




MH-ARS SERIES

HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP

Yatay Çok Kademeli Santrifüj Pompa



GENERAL INFORMATION

Discharge Flange	DN 25 - DN 250
Capacity	1000 m ³ /h
Head	600 m
Frequency	Three-phase 50 Hz - 60 Hz*
Temperature of Pumped Liquid	From -25 °C to +140 °C
Maximum Operating Pressure	25 bar (63 bar)*

Depending on the type of liquid, operating temperature and pressure. The pump material changes. Please contact our company for detailed information.

Transferable Liquids

- Low-viscosity liquids that are non-abrasive, free of solid particles and fibers, clean or slightly contaminated.

Shaft Sealing

- In standard production, it is used as soft packing up to 110 °C and soft packing together with refrigerated packing boxes between 110 °C and 140 °C.
- Mechanical seal pumps are also available upon request.

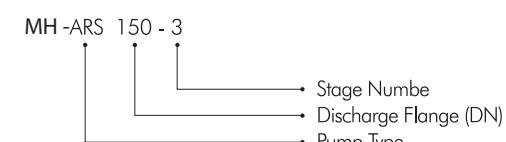
Applications

Water Treatment and Pressurization	Power Plants
Heating Ventilating and Air Conditioning	Oil Industry
Agricultural Irrigation and Drainage	Chemical Industry
Food and Beverage Industry	Mining
Iron and Steel Industry	Marine
Building System	Fire Fighting

Design Features

- Centrifugal pumps with horizontal shaft, split body, diffuser, multistage, closed impeller.
- 11 models from DN 25 to DN 250 discharge flange diameter.
- Suction flanges according EN 1092 - 2 / PN 16 and discharge flanges to EN 1092 - 2 / PN 40 (PN 63). (flanges in pumps with stainless steel body material according to EN 1092-1 standard pressure class.)
- In standard production, the suction flange is on the coupling side and on the right side, the discharge flange at the other end and top (R 4/2). If flange positions other than standard manufacture are required, this request must be specified at the time of order.
- All impellers are balanced dynamically or statically in accordance with ISO 1940 class 6.3.
- Axial force is balanced by impeller balancing holes system.
- The direction of rotation is clockwise when viewed from the motor side.
- MH- ARS type pumps use "grease lubricated" bearing as standard.

Pump Code



GENEL BİLGİLER

Basma Flanşı	DN 25 - DN 250
Debi	1000 m ³ /h
Basma Yüksekliği	600 m
Frekans	Üç Fazlı 50 Hz - 60 Hz*
Akışkan Sıcaklığı	-25 °Cden + 140 °Cye kadar
Maksimum Çalışma Basıncı	25 bar (63 bar)*

Basilan sıvının cinsine, çalışma sıcaklığı ve basıncına bağlı olarak pompa malzemesi değişir. Ayrıntılı bilgi için firmamızı başvurunuz.

Basılabilen Sıvılar

- Aşındırıcı olmayan, içinde katı parçacıklar ve elyaf bulunmayan, temiz veya çok hafif kırı, düşük viskoziteli sıvılar.

Mil Sızdırmazlığı

- Standart imalatta 110 °C ye kadar yumuşak salmastra, 110 °C ile 140 °C arasında ise soğutmalı salmastra kutular ile birlikte yumuşak salmastralar olarak kullanılmaktadır.
- İstek halinde mekanik salmastralar da kullanılmaktadır.

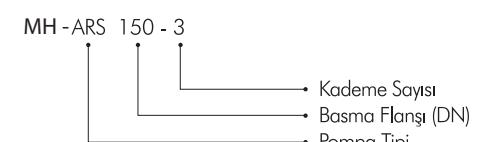
Kullanım Yerleri

Su Arıtımı ve Basınçlandırılması	Enerji Santralleri
İstirama, Havalandırma ve İklimlendirme	Petrol Endüstrisi
Tarimsal Sulama ve Drenaj	Kimya Endüstrisi
Gıda ve İçcek Endüstrisi	Madencilik
Demir Çelik Endüstrisi	Denizcilik
Bina Sistemleri	Yangın Söndürme

Tasarım Özellikleri

- Yatay milli, parçalı gövdeli, difüzörlü, çok kademeli, kapali çarklı santrifüj pompalar.
- DN 25'den DN 250 basma flanş çapına kadar 11 model.
- Emme flanşları TS EN 1092 - 2 / PN 16' ya, basma flanşları TS EN 1092 - 2 / PN 40 (PN 63)'e uygundur. (paslanmaz çelik gövde malzemeli pompalarda flanşlar TS EN 1092 - 1 standartı ilgili basınç sınıflına uygundur.)
- Standart imalatta emme flanşı kaplin tarafında ve sağ yanda, basma flanşı diğer ugta ve üsttedir (R 4/2). Standart imalatın dışında flanş konumları istenirse, bu istek sipariş sırasında belirtilmelidir.
- Bütün çarklar ISO 1940 sınıf 6.3' e uygun dinamik veya statik olarak dengelenir.
- Eksenel kuvvet çark dengeleme delikleri sistemi ile dengelenmektedir.
- Döme yönü motor tarafından baktırıca saat yönündedir.
- MH- ARS tipi pompalarda standart olarak "gres yağı" rulman kullanılmaktadır.

Pompa Kodu



MATERIAL OPTIONS

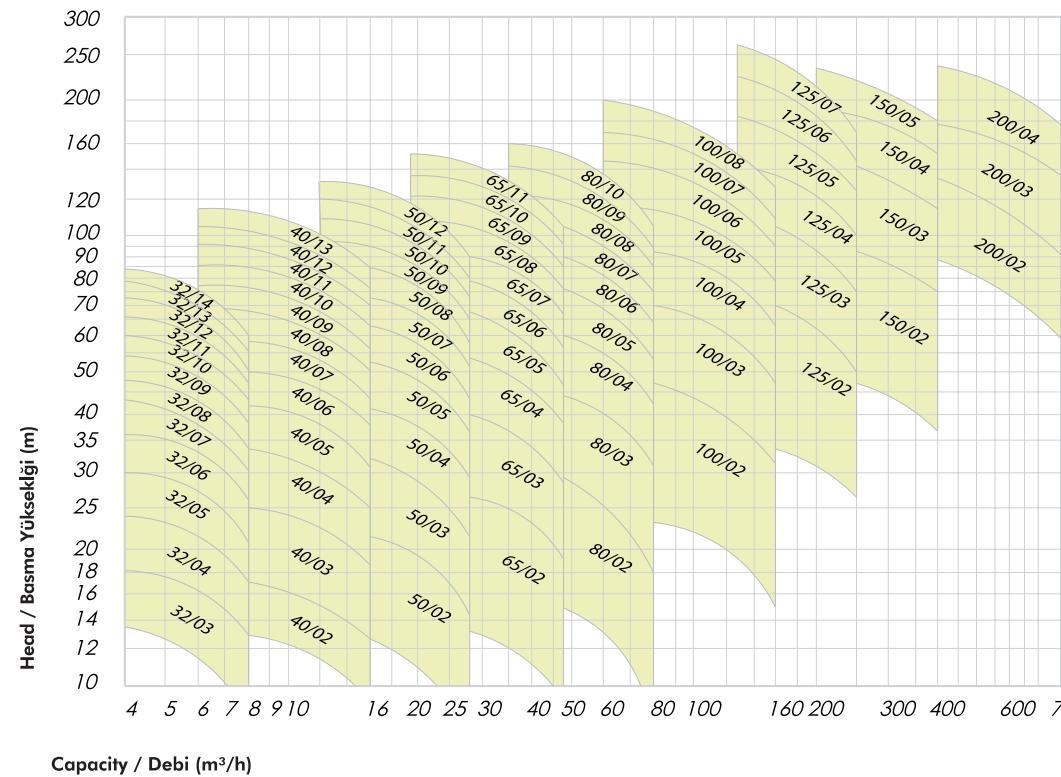
Part List	0.6025	0.7040	1.7043	1.0619	1.4308	1.4309	1.4408	1.4409	1.4500	1.4517	1.4469	1.4317	1.4008	2.1050.01	2.1050.01	1.0503	1.4021	1.4301	1.4404	1.4460	1.4462	Parça Listesi	
Suction Body	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Emme Gövdesi	
Discharge Body	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Basma Gövdesi
Stage Body	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Kademeli Gövdesi
Diffuser	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Difüzör
Impeller	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Çark
Shaft																	●	○	○	○	○	○	Pompa Mili
Bearing Box	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Rulman Yatağı
Wear ring	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Aşınma Halkası
Shaft Sleeve																	●	○	○	○	○	○	Ara Burç
Seal Sleeve																	●	○	○	○	○	○	Salmastra Burcu
Stage Sleeve																	●	○	○	○	○	○	Kademeli Burcu
Mech. Seal (*)																							Mek. Salmastra (*)
																							EN 12756 / DIN 24250

DESCRIPTIONS

	DIN	EN	AISI/SAE/ASTM	TANIM
Cast Iron	0.6025	EN-GJL-250 (GG 25)	A 48 Class 40-B	Pik Döküm
Ductile Iron Casting	0.7040	EN-GJS-400-18-LT (GGG 40)	A 536 60-40-18	Sfero Döküm
Ductile Iron Casting	1.7043	EN-GJS-400-18-LT (GGG 40.3)	A 536 60-40-18	Sfero Döküm
Steel Casting	1.0619	GP 240 GHGS-C25	A216 WCB	Çelik Döküm
Chrome Nickel Steel Casting	1.4308	G-X5 Cr Ni 19-10	A 351 CF8	Krom Nikelli Çelik Döküm
Chrome Nickel Steel Casting (Low Carbon)	1.4309	G-X2 Cr Ni 19-11	A 351 CF3	Krom Nikelli Çelik Döküm (D. K.)
Chrome Nickel Molybdenum Steel Casting	1.4408	G-X5 Cr Ni Mo 19-11-2	A 351 CF8M	Krom Nikel Molibdenli Çelik Döküm
Chrome Nickel Molybdenum Steel Casting (L.C.)	1.4409	G-X2 Cr Ni Mo 19-11-2	A 351 CF3M	Krom Nikel Molibdenli Çelik Döküm (D.K.)
Austenitic Steel Casting	1.4500	G-X7 Cr Ni Mo Cu N 25-6-3-3	A 351 CN7M	Östenitik Çelik Döküm
Austenitic - Ferritic Steel Casting (Dublex)	1.4517	G-X2 Cr Ni Mo Cu N 25-6-3-3	A 890 CD4MCuN	Östenitik-ferritik Çelik Döküm (D.)
Austenitic - Ferritic Steel Casting (S.D.)	1.4469	G-X2 Cr Ni Mo N 26-7-4	A 890 CE3MN	Östenitik-ferritik Çelik Döküm (S.D.)
Martensitic Stainless Steel Casting	1.4317	G-X4 Cr Ni 13-4	A 352 CA6NM	Martenzitik Paslanmaz Çelik Döküm
Martensitic Stainless Steel Casting	1.4008	G-X7 Cr Ni Mo 12-1	A 217 CA15	Martenzitik Paslanmaz Çelik Döküm
Bronze Casting (Tinned)	2.1050.01	G-Cu Sn 10	B 427 C9700	Bronz Döküm (Kalyalı)
Bronze Casting (Nickel Alloy)	2.0975.01	G-Cu Al10 Ni	B 148 C95500	Bronz Döküm (Nikel Alaşımı)
Bronze Casting (Leaded)	2.1096.01	G-Cu Sn 5 Zn Pb	B 584 C83600	Bronz Döküm (Kurşunu)
Carbon Steel	1.0503	C 45	AISI 1045	Karbonlu Çelik
Chromium Steel	1.4021</			

SELECTION CHARTS

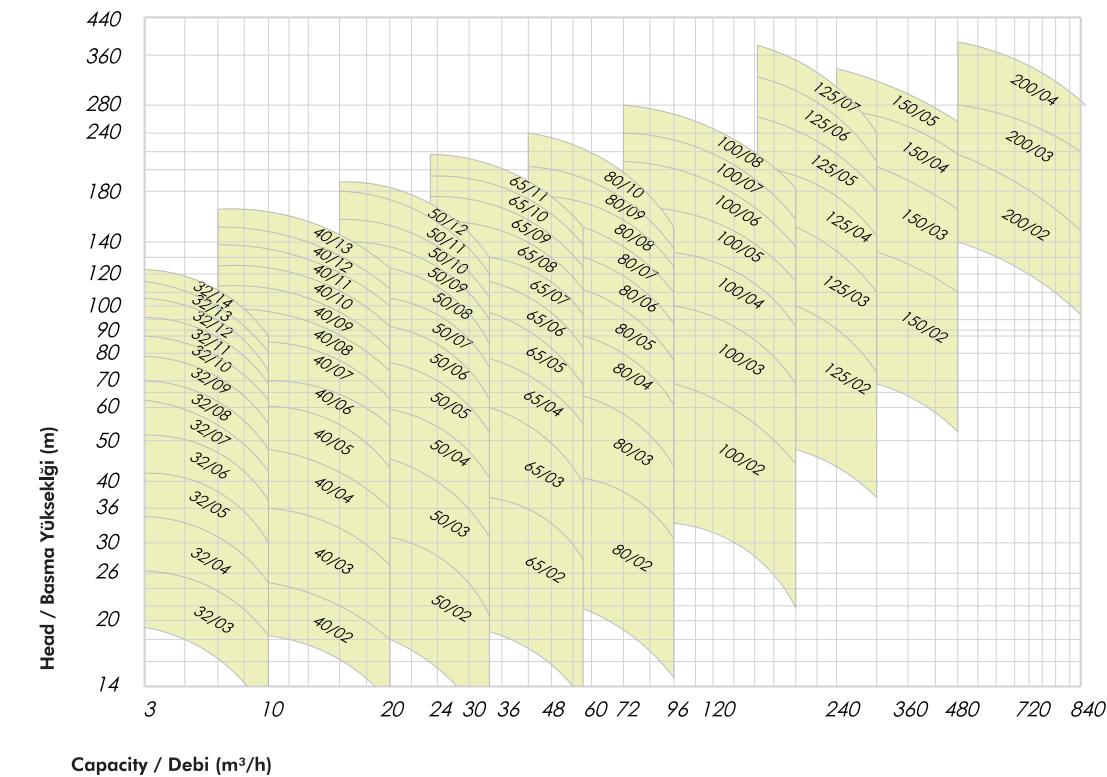
1450 rpm / (d/d) (50 Hz)



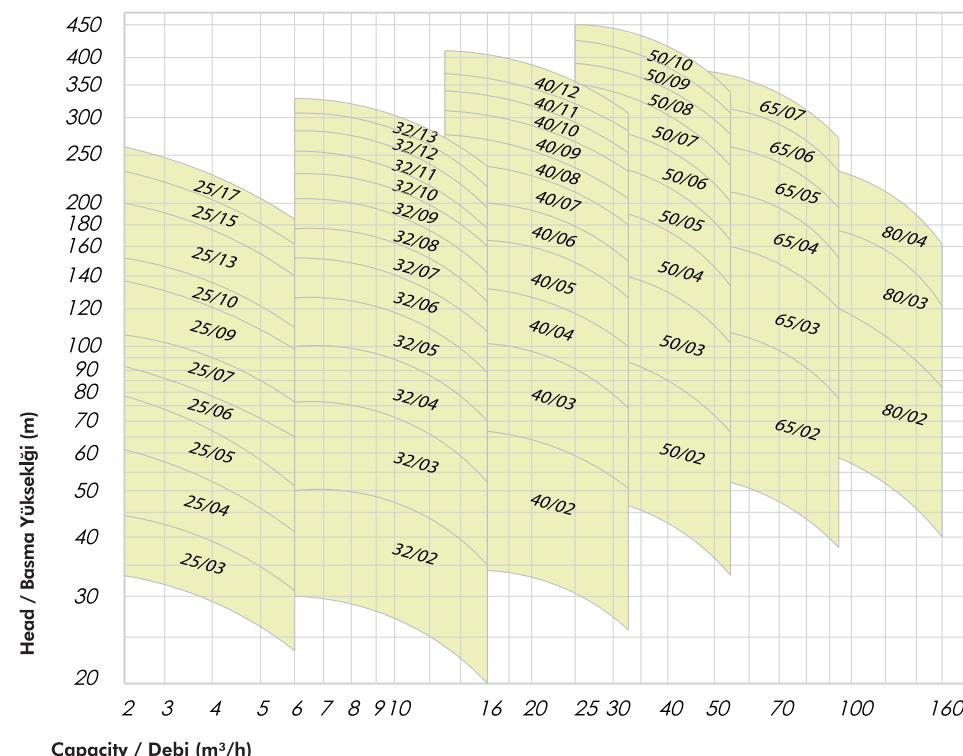
SEÇİM EĞRİLERİ

SELECTION CHARTS

1750 rpm / (d/d) (60 Hz)



2900 rpm / (d/d) (50 Hz)

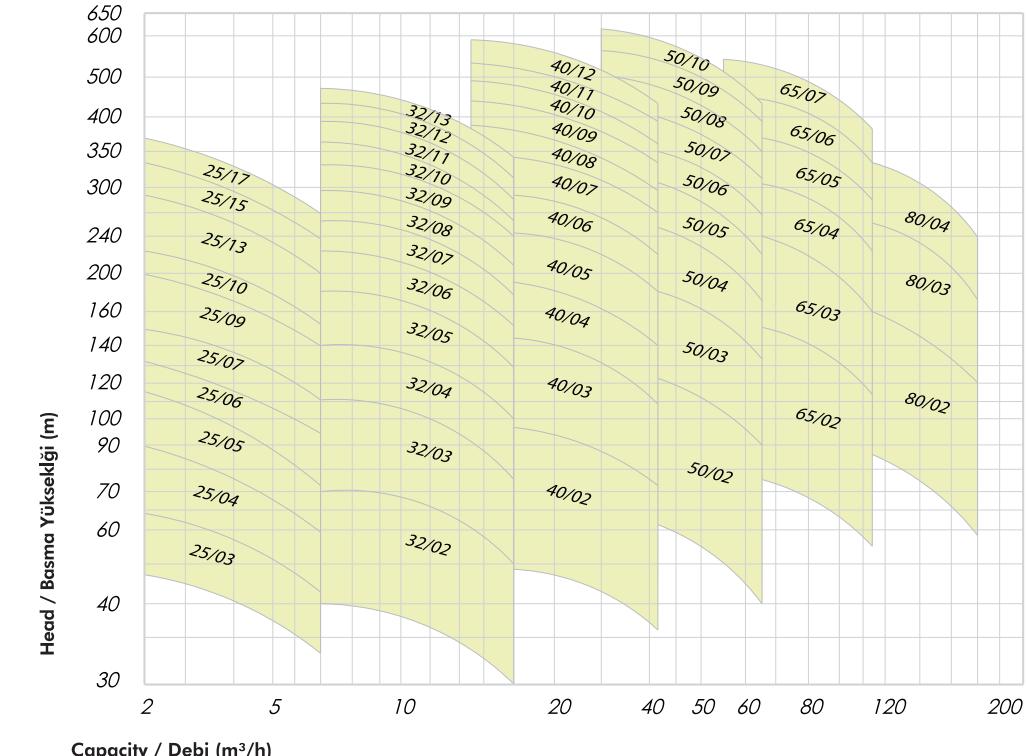


For detailed curves, use our selection program.

Detay eğriler için seçim programımızı kullanınız.

SEÇİM EĞRİLERİ

3500 rpm / (d/d) (60 Hz)



For detailed curves, use our selection program.

Detay eğriler için seçim programımızı kullanınız.

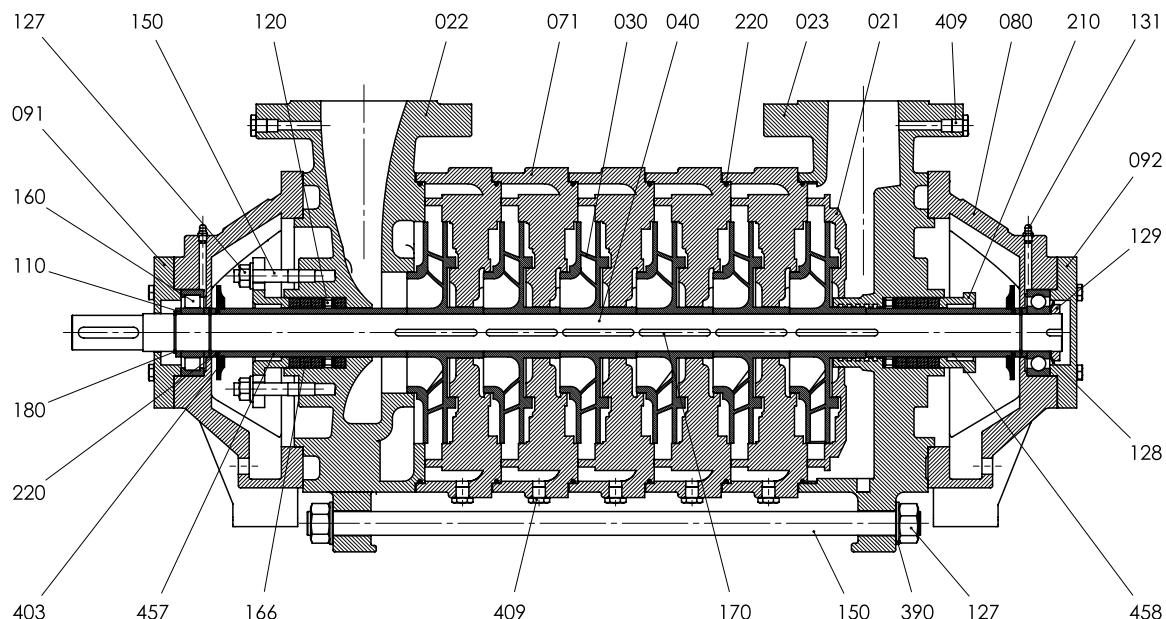
SECTIONAL VIEW

KESİT RESİM

SECTIONAL VIEW

KESİT RESİM

MH-ARS 25...65

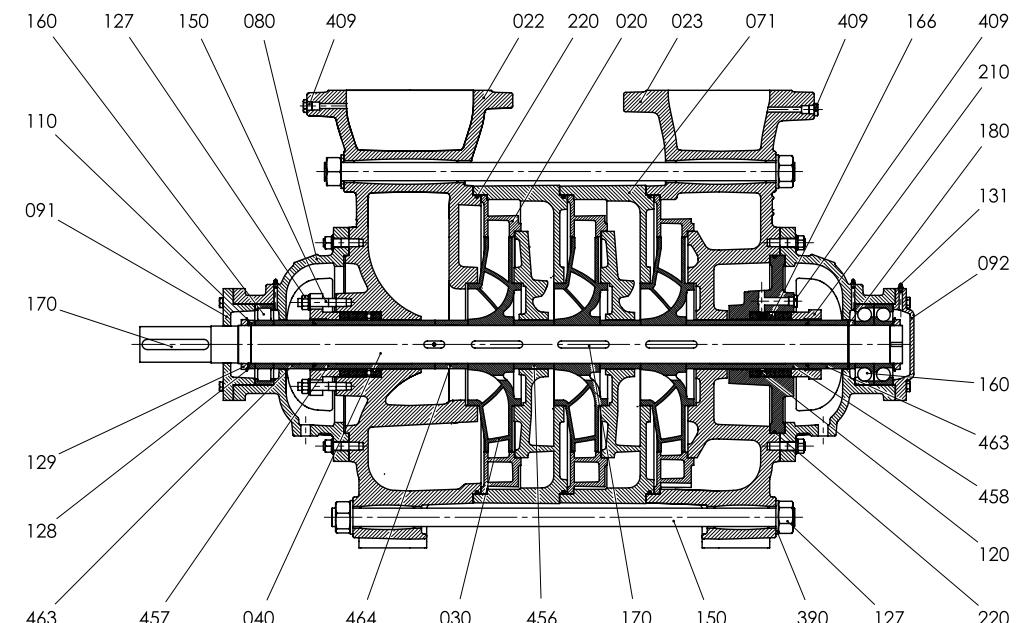


Part List

Discharge Diffuser	021	Basma Difüzörü
Suction Body	022	Emme Gövdesi
Discharge Body	023	Basma Gövdesi
Impeller	030	Çark
Shaft	040	Mil
Stage Body	071	Kademe Gövdesi
Bearing Housing	080	Rulman Yatağı
Bearing Cover (Coupling)	091	Rulman Kapağı (Kaplin)
Bearing Cover (Outside)	092	Rulman Kapağı (Dış)
Bearing Setting Sleeve	110	Rulman Mesafe Burcu
Flushing Ring	120	Sulama Halkası
Nut	127	Somun
Protection Sheet	128	Emniyet Sacı
Nut	129	Somun
Grease Nipple	131	Gresörlük
Casing Tiebolt	150	Saplama
Bearing	160	Rulman
Soft Packing	166	Yumuşak Salmastra
Pin	170	Kama
Ring	180	Segman
Connection Support	210	Salmastra Baskısı
O-Ring	220	O-Ring
Washer	390	Rondela
Throw Protection	403	Su Sıçratma Diski
Bolt	409	Civata
Seal Sleeve (Suction)	457	Salmastra Burcu (Emme)
Seal Sleeve (Discharge)	458	Salmastra Burcu (Basma)

Parça Listesi

MH-ARS 80...200



Part List

Diffuser	020	Difüzör
Suction Body	022	Emme Gövdesi
Discharge Body	023	Basma Gövdesi
Impeller	030	Çark
Shaft	040	Mil
Stage Body	071	Kademe Gövdesi
Bearing Housing	080	Rulman Yatağı
Bearing Cover (Coupling)	091	Rulman Kapağı (Kaplin)
Bearing Cover (Outside)	092	Rulman Kapağı (Dış)
Bearing Setting Sleeve	110	Rulman Mesafe Burcu
Flushing Ring	120	Sulama Halkası
Nut	127	Somun
Protection Sheet	128	Emniyet Sacı
Nut	129	Somun
Grease Nipple	131	Gresörlük
Casing Tiebolt	150	Saplama
Bearing	160	Rulman
Soft Packing	166	Yumuşak Salmastra
Pin	170	Kama
Ring	180	Segman
Connection Support	210	Salmastra Baskısı
O-Ring	220	O-Ring
Washer	390	Rondela
Bolt	409	Civata
Impeller Stage Sleeve	456	Çark Kademe Burcu
Seal Sleeve (Suction)	457	Salmastra Burcu (Emme)
Seal Sleeve (Discharge)	458	Salmastra Burcu (Basma)
Setting Sleeve (Suction & Discharge)	463	Mesafe Burcu Emme & Basma
Impeller Setting Sleeve	464	Çark Mesafe Burcu

Parça Listesi

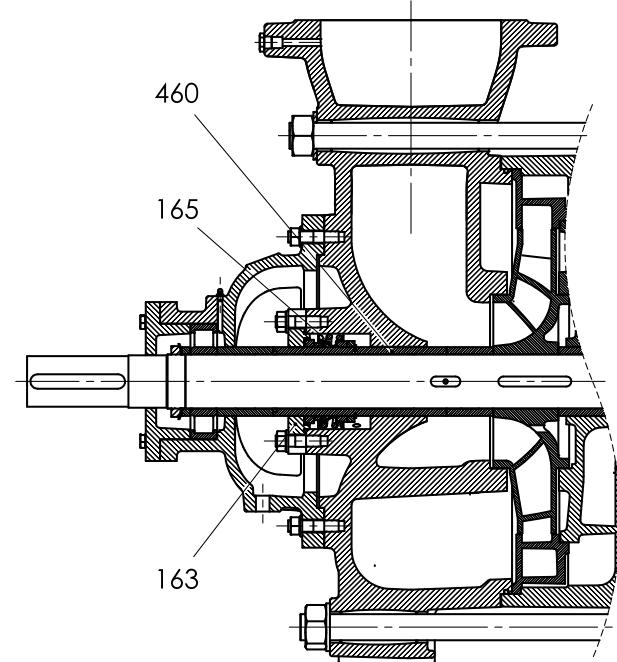
SECTIONAL VIEW

KESİT RESİM

PUMP DIMENSIONS

POMPA ÖLÇÜLERİ

MH-ARS



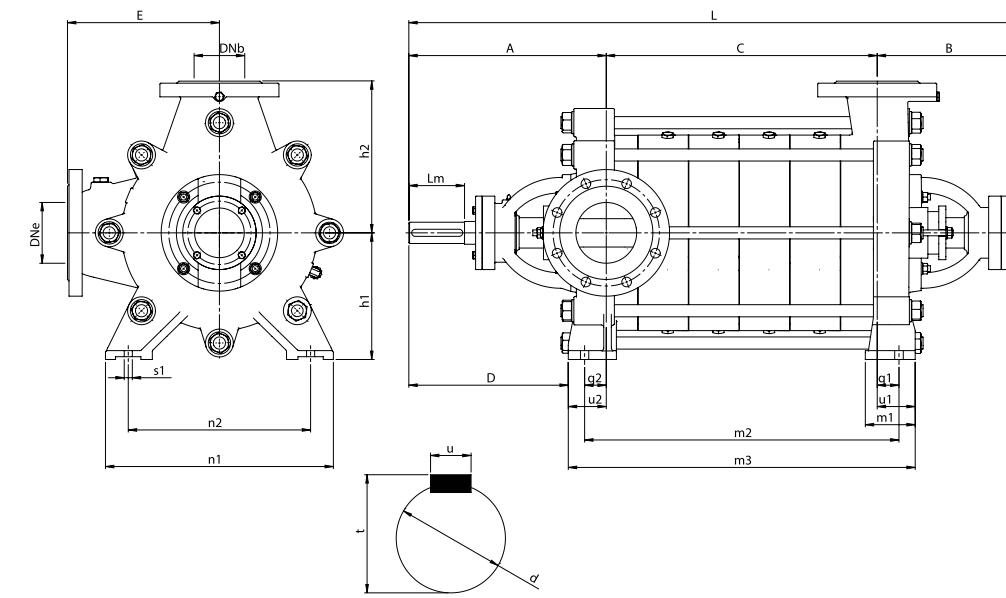
Mechanical Seal Application
Mekanik Salmastra Uygulaması

Part List

Mechanical Seal Cover	163	Mekanik Salmastra Kapağı
Mechanical Seal	165	Mekanik Salmastra
Seal Sleeve	460	Salmastra Burcu

Parça Listesi

MH-ARS

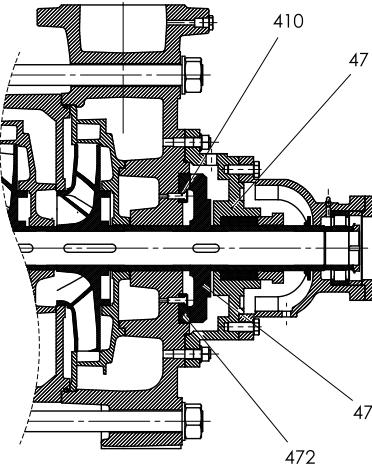


Parça Listesi

Pump Type Pompa Tipi	Dimensions / Ölçüler (mm)																		Shaft Dimensions Mil Ölçüleri			Weight Ağırlık (kg)			
	DNe	DNb	A	B	D	E	L	h1	h2	q1	q2	u1	u2	m1	m2	m3	n1	n2	s1	d	Lm	t	u	G	g
25	32	25	238	169	141	135	C+407	112	135	77	77	98	98	65	C+140	C+196	177	120	14	24	60	27	8	28	6
32	40	32	242	161	131	152	C+403	132	152	80	87	102	108	60	C+147	C+210	193	135	16	24	60	27	8	38	8
40	50	40	239	164	130	175	C+403	160	175	87	87	109	109	62	C+151	C+218	228	174	16	24	60	27	8	56	9
50	65	50	254	175	141	190	C+429	160	190	95	91	117	113	60	C+185	C+230	255	198	16	28	65	31	8	74	13
65	80	65	271	198	150	215	C+469	180	215	100	97	124	121	60	C+200	C+245	298	241	16	32	65	35	10	93	18
80	100	80	323	245	258	265	C+568	210	265	41	40	62	60	90	C+74	C+122	415	340	16	38	80	41	10	114	25
100	125	100	390	277	320	300	C+667	250	300	43	43	75	75	100	C+91	C+150	450	360	16	42	110	45	12	158	40
125	150	125	414	300	317	375	C+714	300	375	51	56	83	88	110	C+97	C+171	565	455	20	48	110	51,5	14	290	70
150	200	150	485	358	384	425	C+843	350	425	59	60	101	101	140	C+108	C+202	663	545	22	55	110	59	16	466	112
200	250	200	531	384	431	500	C+915	400	500	50	50	100	100	133	C+85	C+200	673	550	28	70	140	74,5	20	645	180
250	300	250	691	484	560	627	C+1175	500	627	75	75	131	131	156	C+135	C+262	775	625	33	100	210	106	28	950	300

Weight Calculation / Ağırlık Hesaplama: $G + (s^*q)$ (s : Number of Stage / Kademə Sayısı)

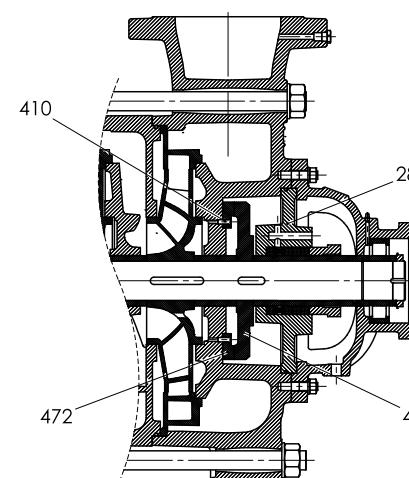
MH-ARS-DD 65...150



Part List

Bolt	410	Civata
Disc Body	471	Disk Gövdesi
Disc (Stable)	472	Disk (Sabit)
Disc	473	Disk

MH-ARS-DD 200

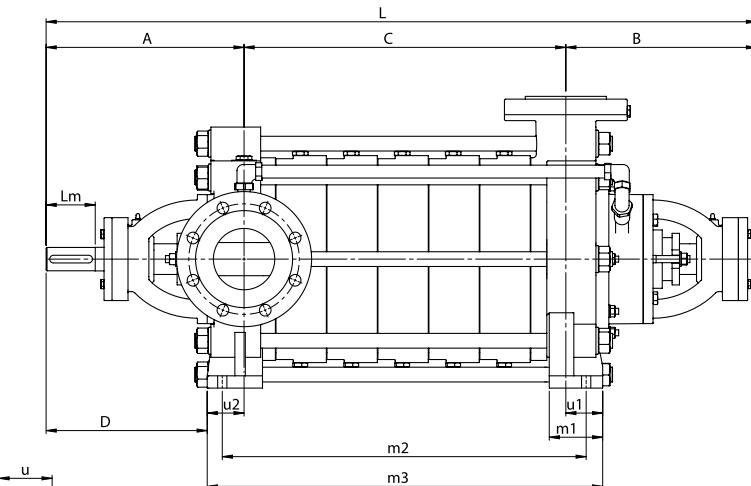
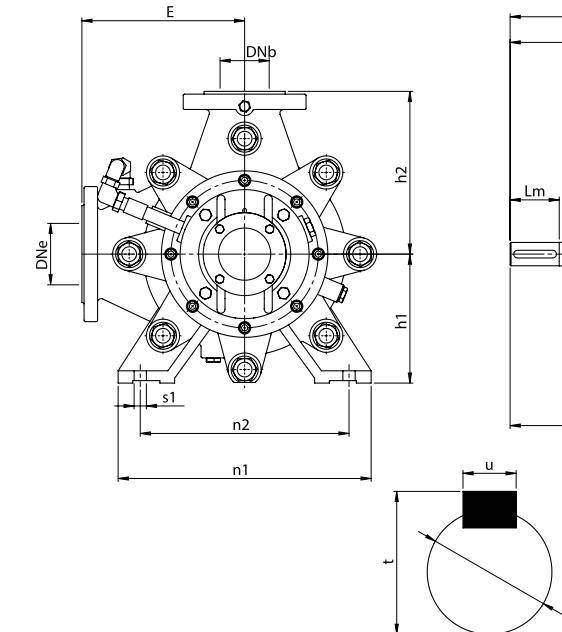


Part List

Seal Box	281	Salmastra Kutusu
Bolt	410	Civata
Disc (Stable)	472	Disk (Sabit)
Disc	473	Disk

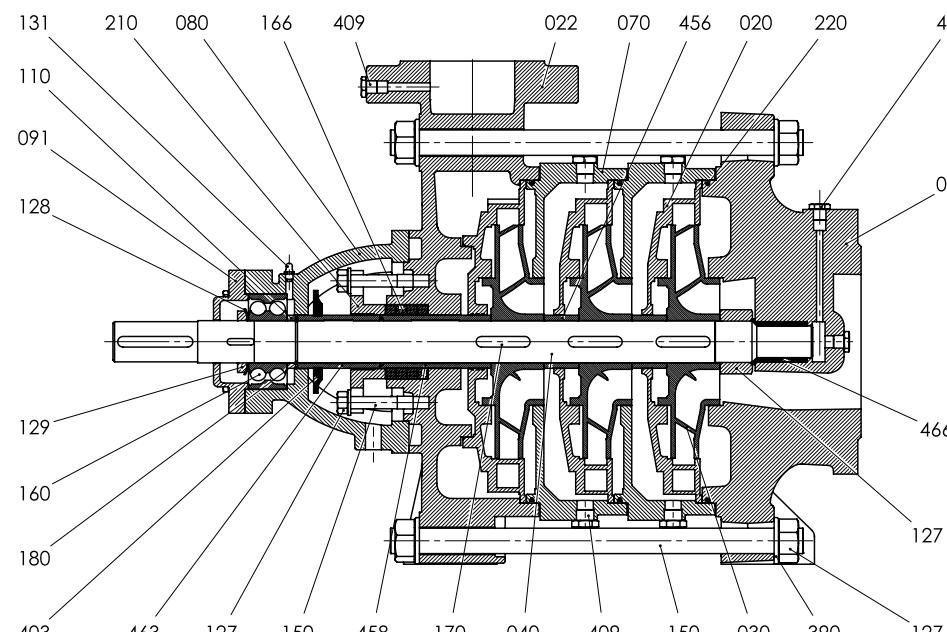
Parça Listesi

MH-ARS-DD



Pump Type Pompa Tipi	Dimensions / Ölçüler (mm)															Shaft Dimensions Mil Ölçüleri					
	DNe	DNb	A	B	D	E	L	h1	h2	u1	u2	m1	m2	m3	n1	n2	s1	d	Lm	t	u
65	80	65	271	269	150	215	C+540	180	215	195	120	60	C+270	C+315	300	241	16	32	66	35	10
80	100	80	323	311	262	265	C+634	210	265	60	60	87	C+313	C+120	415	340	20	38	80	41	10
100	125	100	383	361	308	300	C+744	250	300	80	75	93	C+90	C+155	450	360	16	42	110	45	12
125	150	125	414	384	326	375	C+798	300	375	85	88	110	C+136	C+173	565	455	20	48	110	51,5	14
150	200	150	485	455	384	425	C+940	350	425	101	101	140	C+120	C+202	663	545	22	55	110	59	16
200	250	200	531	384	431	500	C+915	400	500	100	100	133	C+100	C+200	675	550	28	70	140	74,5	20

MH-ARS-U

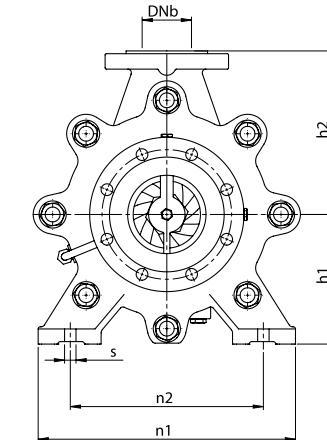
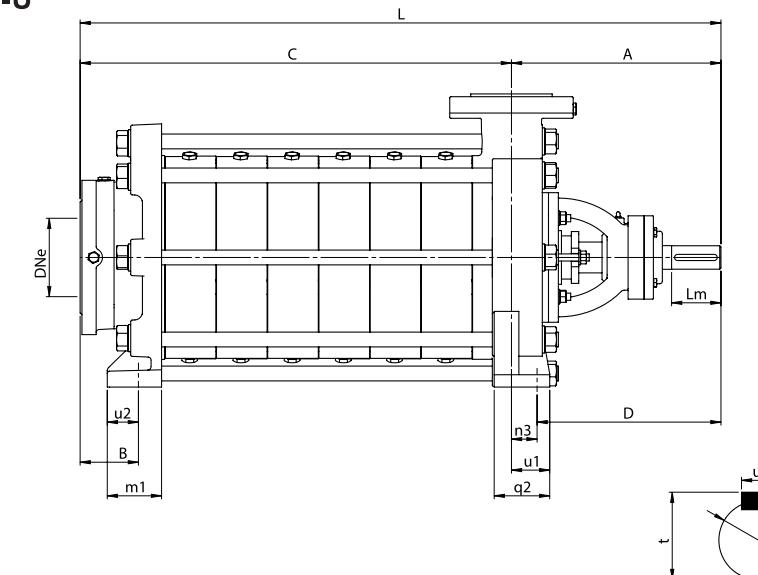


Part List

Diffuser	020	Difüzör
Suction Body	023	Emme Gövdesi
Discharge Body	022	Basma Gövdesi
Impeller	030	Çark
Shaft	040	Mil
Stage Body	070	Kademe Gövdesi
Bearing Housing	080	Rulman Yatağı
Bearing Cover (Coupling)	091	Rulman Kapağı (Kaplin)
Bearing Setting Sleeve	110	Rulman Mesafe Burcu
Nut	127	Çekirme Somunu
Protection Sheet	128	Emniyet Sacı
Nut	129	Somun
Grease Nipple	131	Gresörlük
Casing Tiebolt	150	Saplama
Bearing	160	Rulman
Soft Packing	166	Yumuşak Salmastra
Pin	170	Kama
Ring	180	Segman
Connection Support	210	Salmastra Baskısı
O-Ring	220	O-Ring
Washer	390	Rondela
Throw Protection	403	Su Sıçratma Diski
Bolt	409	BSP Civata
Impeller Stage Sleeve	456	Çark Kademe Burcu
Seal Sleeve (Discharge)	458	Salmastra Burcu (Basma)
Setting Sleeve (Suction & Discharge)	463	Mesafe Burcu (Emme&Basma)
Suction Housing	466	Emme Yatağı

Parça Listesi

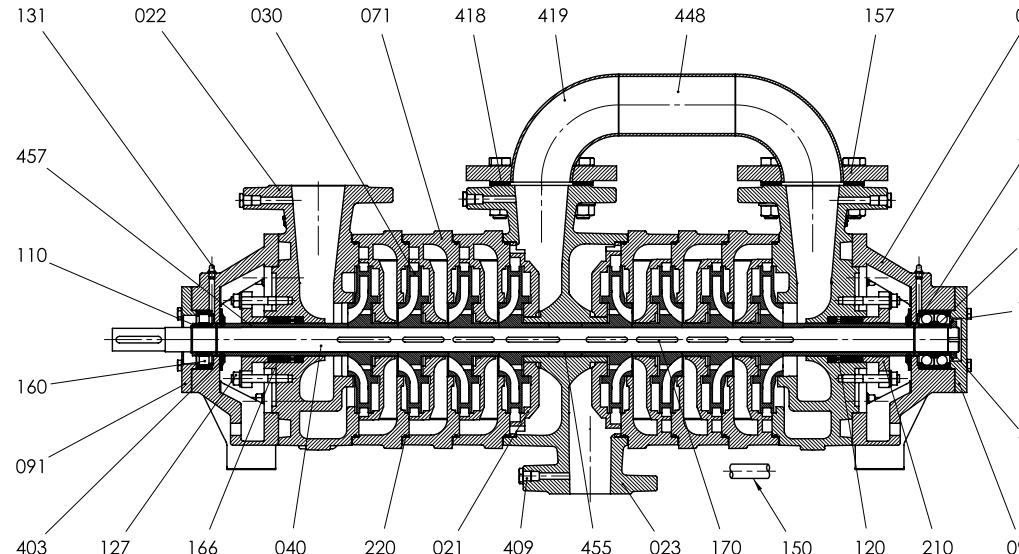
MH-ARS-U



Pump Type Pompa Tipi	Dimensions / Ölçüler (mm)														Shaft Dimensions Mil Ölçüleri				Weight Ağırlık (kg)		
	DNe	DNb	A	B	D	L	h1	h2	q2	u1	u2	m1	n1	n2	s	d	Lm	t	u	G	g
40	65	40	239	25	130	C+239	160	175	87	109	22	77	236	177	16	24	60	27	8	58	10
50	80	50	258	27	163	C+258	160	190	60	117	24	87	260	203	16	28	65	31	8	89	13
65	100	65	273	34	170	C+273	180	215	60	125	24	91	298	244	16	32	65	35	10	92	20
80	125	80	340	72	298	C+340	210	265	90	62	28	88	413	340	16	38	80	37	10	128	26
100	150	100	390	100	320	C+390	250	300	90	65	32	100	450	360	16	42	110	45	12	177	42
125	200	125	414	73	317	C+414	300	375	110	80	34	110	565	455	20	48	110	51,5	14	330	76
150	200	150	485	62	384	C+485	350	425	130	105	34	135	663	545	22	55	110	59	16	580	121

Weight Calculation / Ağırlık Hesaplama: $G + (s^*g)$ (s : Number of Stage / Kademe Sayısı)

MH-ARS-KC

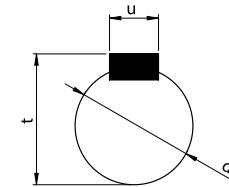
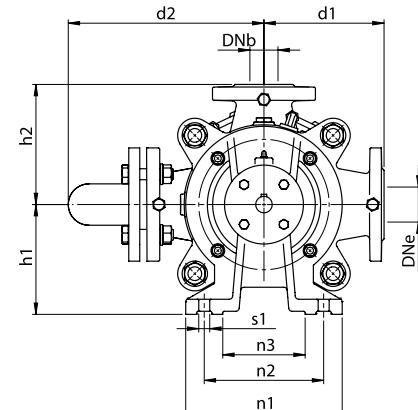
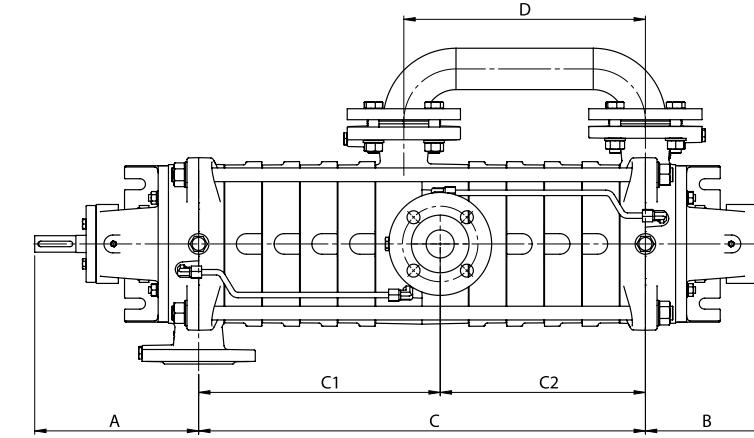
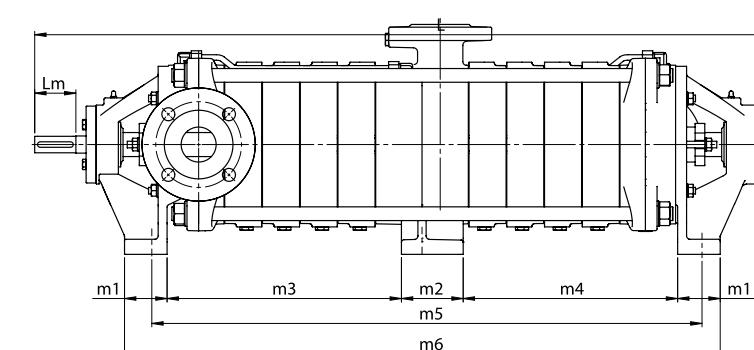


Part List

Discharge Diffuser	021	Basma Difüzörü
Suction Body	022	Emme Gövdesi
Discharge Body	023	Basma Gövdesi
Impeller	030	Çark
Shaft	040	Mil
Stage Body	071	Kademe Gövdesi
Bearing Housing	080	Rulman Yatağı
Bearing Cover (Coupling)	091	Rulman Kapağı (Kaplin)
Bearing Cover (Outside)	092	Rulman Kapağı (Dis)
Bearing Setting Sleeve	110	Rulman Mesafe Burcu
Flushing Ring	120	Sulama Halkası
Nut	127	Somun
Protection Sheet	128	Emniyet Sacı
Nut	129	Somun
Grease Nipple	131	Gresörlük
Casing Tiebolt	150	Saplama
Flange	157	Flanş
Bearing	160	Rulman
Soft Packing	166	Yumuşak Salmastra
Pin	170	Kama
Ring	180	Segman
Connection Support	210	Salmastra Baskısı
O-Ring	220	O-Ring
Throw Protection	403	Su Sıçratma Diski
Bolt	409	Civata
Flange Gasket	418	Flanş Contası
Elbow	419	Dirsek
Connection Pipe	448	Birleştirme Borusu
Discharge Centering Sleeve	455	Basma Merkezleme Burcu
Seal Sleeve (Suction)	457	Salmastra Burcu (Emme)

Parça Listesi

MH-ARS-KC



Pump Type Pompa Tipi	Dimensions / Ölçüler (mm)																	Shaft Dimensions Mil Ölçüleri										
	DNe	DNb	A	B	D	d1	d2	L	C1	C2	C	h1	h2	H	m1	m2	m3	m4	m5	m6	n1	n2	n3	s1	d	Lm	t	u
40-10	50	40	239	181	352	175	286	1071	352	299	651	160	175	335	62	90	342	312	824	869	228	174	120	16	24	60	27	8
40-12	50	40	239	181	407	175	286	1181	407	354	761	160	175	335	62	90	397	369	934	979	228	174	120	16	24	60	27	8
40-14	50	40	239	181	462	175	286	1291	462	409	871	160	175	335	62	90	452	422	1044	1088	228	174	120	16	24	60	27	8

Pump Type Pompa Tipi	Dimensions / Ölçüler (mm)																	Shaft Dimensions Mil Ölçüleri										
	DNe	DNb	A	B	D	d1	d2	L	C1	C2	C	h1	h2	H	m1	m2	m3	m4	m5	m6	n1	n2	n3	s1	d	Lm	t	u
50-08	65	50	254	190	334	190	327	1053	275	274	609	160	190	350	60	100	327	287	790	834	255	198	140	16	28	65	31	8
50-10	65	50	254	190	396	190	327	1177	337	336	733	160	190	350	60	100	389	349	914	958	255	198	140	16	28	65	31	8
50-12	65	50	254	190	458	190	327	1301	399	398	857	160	190	350	60	100	451	411	1038	1082	255	198	140	16	28	65	31	8

 BEARING TYPES

RULMAN TIPLERİ 

Bearing Type / Rulman Tipi 1500-1800 rpm / (d/d)			
Pump Type / Pompa Tipi	Stage Number / Kademe Sayısı	Bearing Type / Rulman Tipi	
		S / E	D / B
MH-ARS 32	2...14	NU 305	6305
MH-ARS 40	2...13	NU 305	6305
MH-ARS 50	2...12	NU 306	6306
MH-ARS 65	2...8	NU 307	6307
MH-ARS 80	2...8	NU 308	3308
MH-ARS 100	2...7	NU 309	3309
MH-ARS 125	2...6	NU 310	3310
MH-ARS 150	2...3	NU 312	3312
MH-ARS 200	2...3	NU 315	2x7315
MH-ARS 250	2...4	NU 321	2x7321

Bearing Type / Rulman Tipi 1500-1800 rpm / (d/d)			
Pump Type / Pompa Tipi	Stage Number / Kademe Sayısı	Bearing Type / Rulman Tipi	
		S / E	D / B
MH-ARS-DD 65	9...11	NU 307	NU 307
MH-ARS-DD 80	9...14	NU 308	NU 308
MH-ARS-DD 100	8...15	NU 309	NU 309
MH-ARS-DD 125	7...12	NU 310	NU 310
MH-ARS-DD 150	4...10	NU 312	NU 312
MH-ARS-DD 200	4...6	NU 315	NU 315

Bearing Type / Rulman Tipi 1500-1800 rpm / (d/d)			
Pump Type / Pompa Tipi	Stage Number / Kademe Sayısı	Bearing Type / Rulman Tipi	
		S / E	D / B
MH-ARS-U 40	2...13	-	6305
MH-ARS-U 50	2...12	-	6306
MH-ARS-U 65	2...8	-	6307
MH-ARS-U 80	2...8	-	6308
MH-ARS-U 100	2...7	-	3309
MH-ARS-U 125	2...6	-	3310
MH-ARS-U 150	2...3	-	3312

Bearing Type / Rulman Tipi 3000-3600 rpm / (d/d)			
Pump Type / Pompa Tipi	Stage Number / Kademe Sayısı	Bearing Type / Rulman Tipi	
		S / E	D / B
MH-ARS-KC 40	10...14	NU 305	2x7305
MH-ARS-KC 50	8...12	NU 306	2x7306
MH-ARS-KC 65	6...10	NU 307	2x7307

 BEARING TYPES

Bearing Type / Rulman Tipi 3000-3600 rpm / (d/d)			
Pump Type / Pompa Tipi	Stage Number / Kademe Sayısı	Bearing Type / Rulman Tipi	
		S / E	D / B
MH-ARS 25	2...17	NU 305	6305
MH-ARS 32	2...9	NU 305	6305
MH-ARS 32	10...13	NU 305	6405
MH-ARS 40	2...6	NU 305	6305
MH-ARS 40	7...9	NU 305	6405
MH-ARS 50	2...5	NU 306	6306
MH-ARS 50	6...7	NU 306	6406
MH-ARS 65	2...4	NU 307	6307
MH-ARS 80	2...4	NU 308	3308

Bearing Type / Rulman Tipi 3000-3600 rpm / (d/d)			
Pump Type / Pompa Tipi	Stage Number / Kademe Sayısı	Bearing Type / Rulman Tipi	
		S / E	D / B
MH-ARS-DD 65	5...10	NU 307	NU 307
MH-ARS-DD 80	5...8	NU 308	NU 308

Bearing Type / Rulman Tipi 3000-3600 rpm / (d/d)			
Pump Type / Pompa Tipi	Stage Number / Kademe Sayısı	Bearing Type / Rulman Tipi	
		S / E	D / B
MH-ARS-U 40	2...6	-	6305
MH-ARS-U 50	2...5	-	6306
MH-ARS-U 65	2...4	-	6307
MH-ARS-U 80	2...4	-	3308

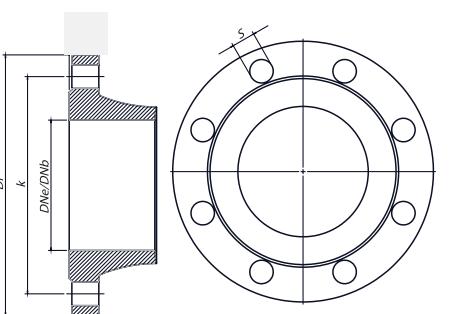
 Suction / Emme: E
 Discharge / Basma: B

FLANGE DIMENSIONS

FLANŞ ÖLÇÜLERİ

Pump Type Pompa Tipi	Suction & Discharge / Emme & Basma (PN 16)				Suction & Discharge / Emme & Basma (PN 40)			
	Df	k	s	n	Df	k	s	n
25	115	85	16	4	115	85	16	4
32	140	100	19	4	140	100	19	4
40	150	110	19	4	150	110	19	4
50	165	125	19	4	165	125	19	4
65	185	145	19	4	185	145	19	8
80	200	160	19	8	200	160	19	8
100	220	180	19	8	235	190	23	8
125	250	210	19	8	270	220	28	8
150	285	240	23	8	300	250	28	8
200	340	295	23	12	375	320	31	12
250	405	355	23	12	450	385	34	12
300	460	410	23	12	515	450	34	16

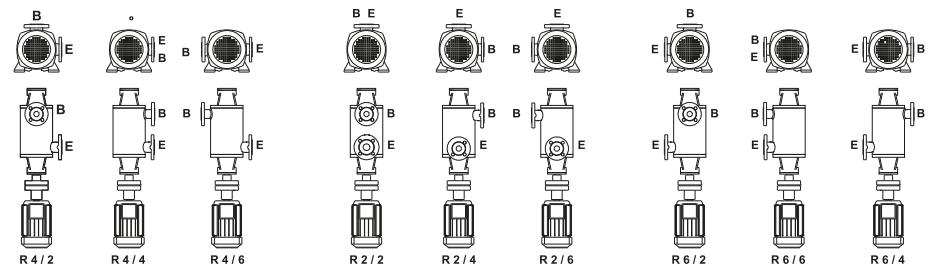
TS EN 1092-2 "n" Number of Holes / Delik Sayısı



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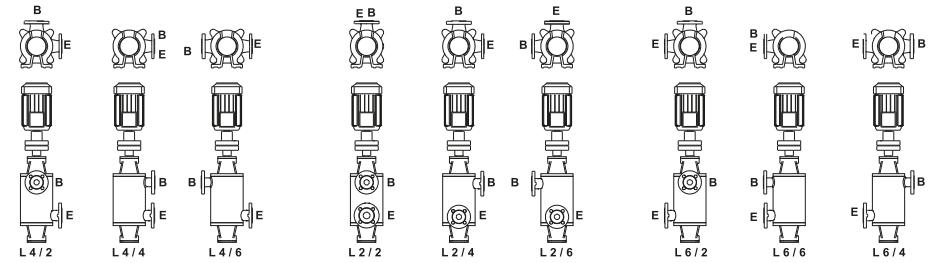
FLANGE POSITIONS

FLANŞ KONUMLARI



Clockwise rotation viewed from driver
(Suction flange is on the motor side)

Motor tarafından bakıldığından saat yönünde
(Emme flanşı motor tarafında)



Counter clockwise rotation viewed from driver
(Discharge flange is on the motor side)

Motor tarafından bakıldığından saatin tersi yönünde
(Basma flanşı motor tarafında)

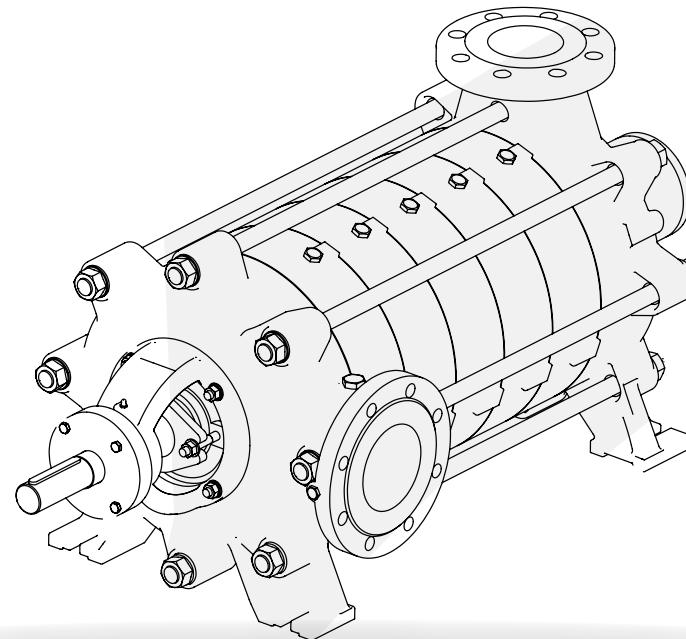
R 4/2

- Discharge Flange Position (B) / Basma Flanşı Konumu (B)
- Suction Flange Position (E) / Emme Flanşı Konumu (E)
- Direction Fo Rotation (R/L) / Dönme Yönü (R/L)

Direction of rotation viewed from driver end. / Motor tarafından bakıldığından dönme yönü.

R : Right / Sağ

L : Left / Sol





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