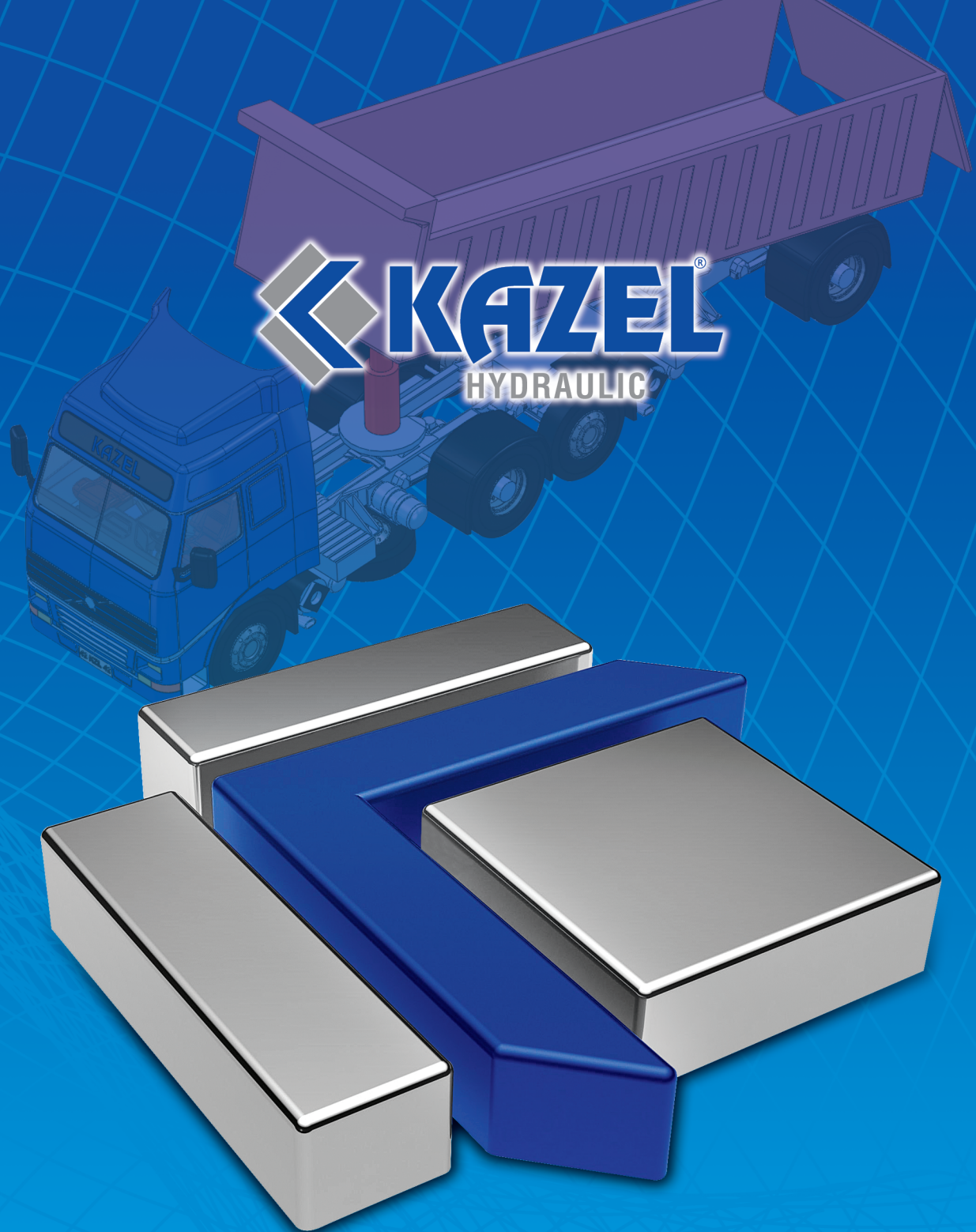
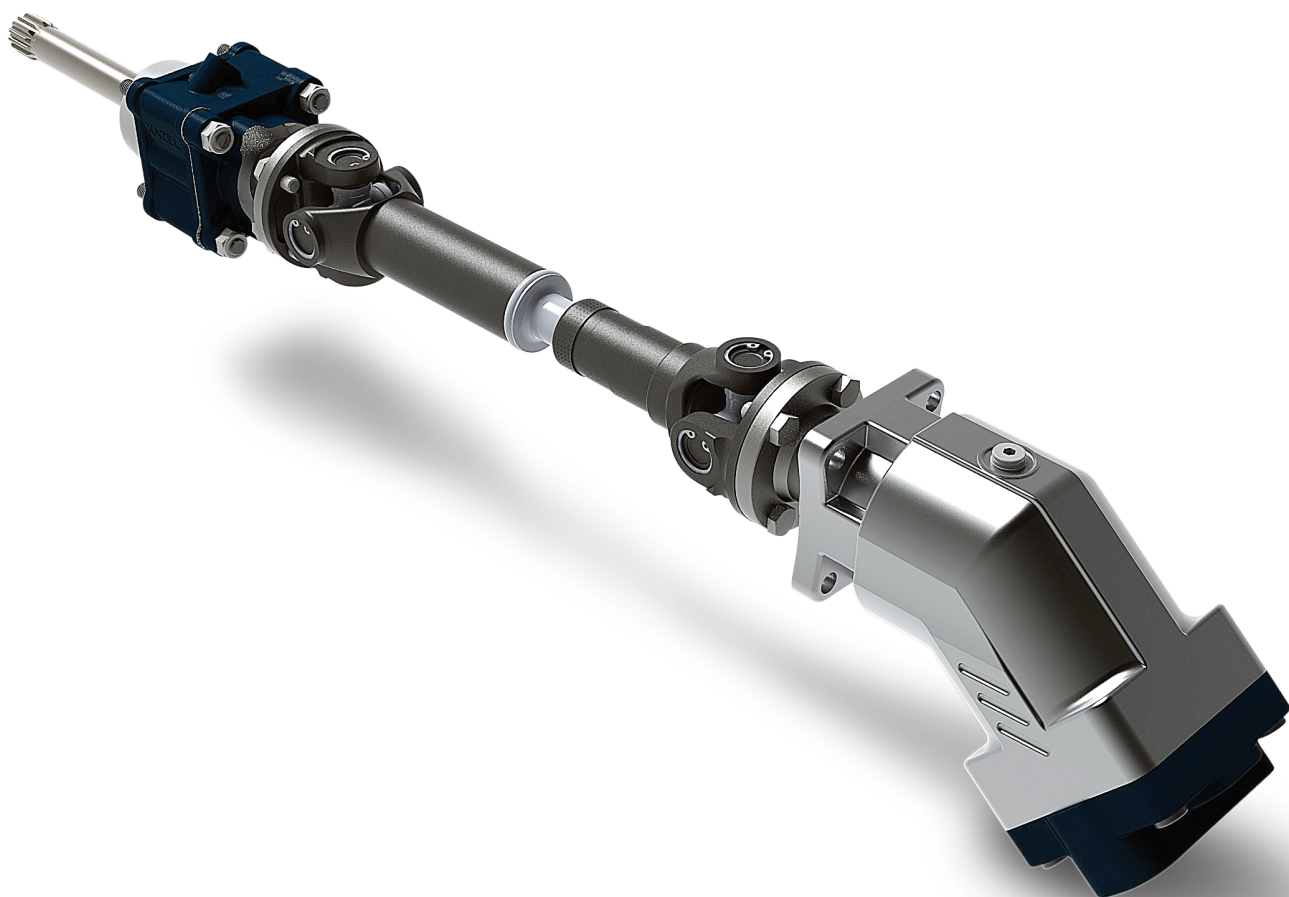
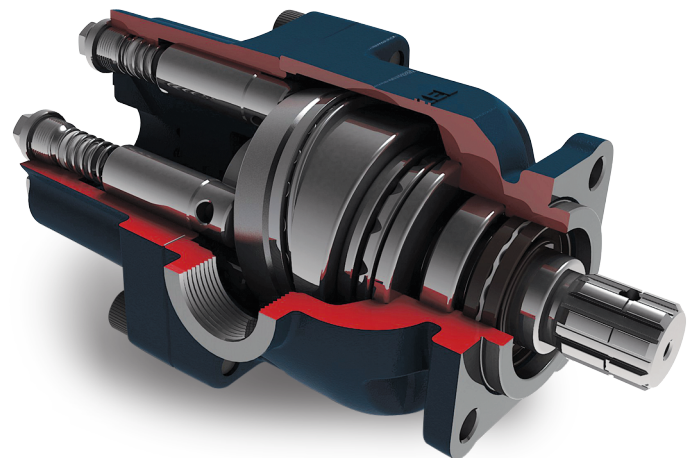
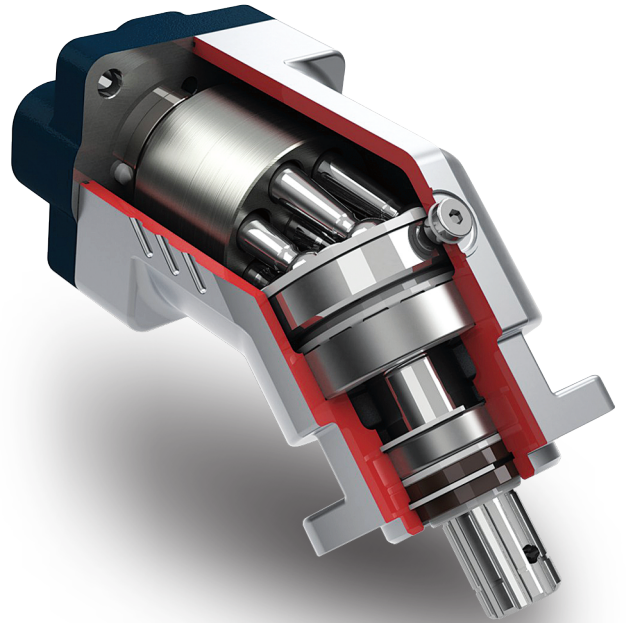






PISTON PUMPS

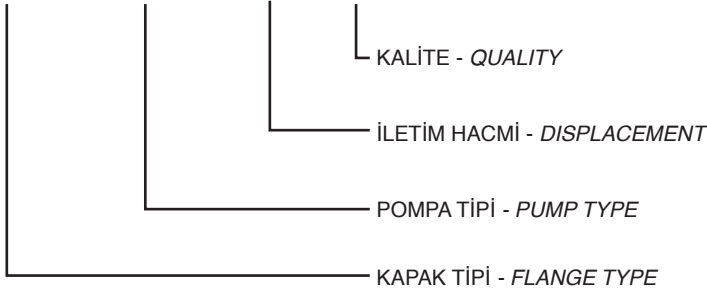
Piston Pump's working way provided with push forward by the piston in fluid pump cylinder. From this point of view, Piston pumps operates in the form of fluid to pressurize or unlading. The pumps operates vertically and horizontally. Simple efficient pumps usually made up of as plunger. In the Piston cylinder, impermeability is provided with piston pump and sealing components and the piston in sealing components move in and out. There are pressure valve on the upper side and also suction valve on the under side of the pump. Otherwise, there are pressure pipe on the pressing side and suction pipe absorbtion side of the pump. At the end of the suction side, there are braided a basked or suction sleeve which will keep away contaminations from the pump. A base valve which is prior from suction sleeve provides to keep full the suction throne with continuous fluid. Optimum operating values is 2000-2500 d/dk, 300-350 bar and maximum flow is 250 l/dk for the such pumps.



9 PİSTONLU POMPA - 9 PISTON PUMP
KAVİ SERİSİ PİSTONLU POMPA - KAVİ SERIES PISTON PUMP
A KALİTE ÇELİK KRANK - A QUALITY STEEL CRANK

ISO SERIE KAVİ

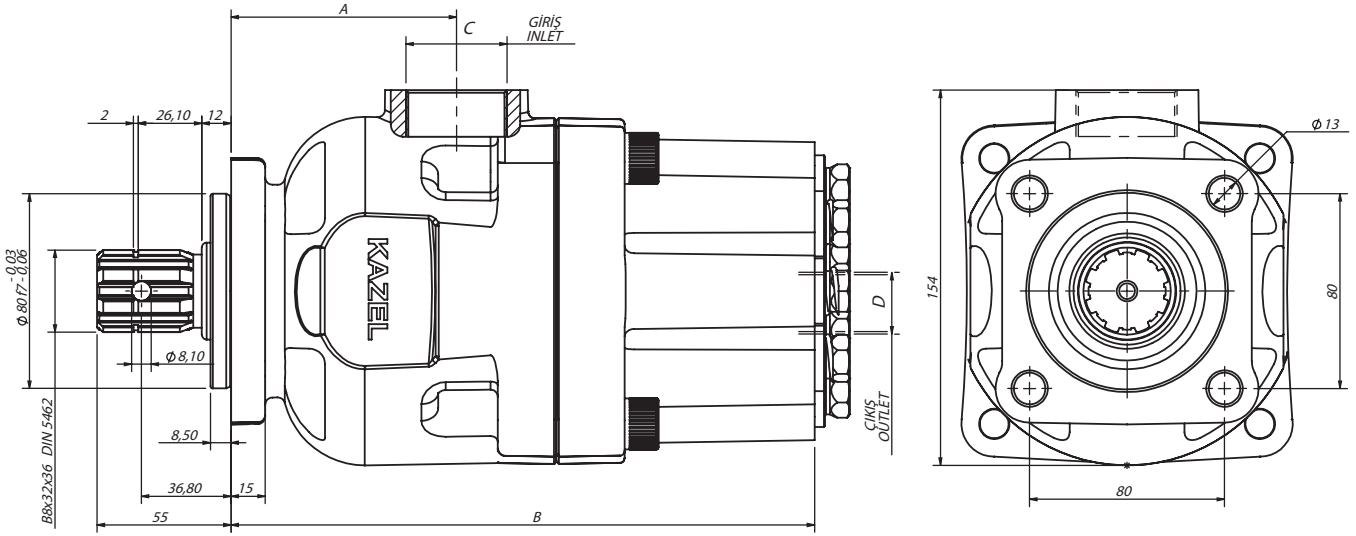
KODLAMA SİSTEMİ - CODE SYSTEMS **DIN 5462**
XXX - XXX - XX - X



Hydraulic pump symbol



BI- DIRECTIONAL



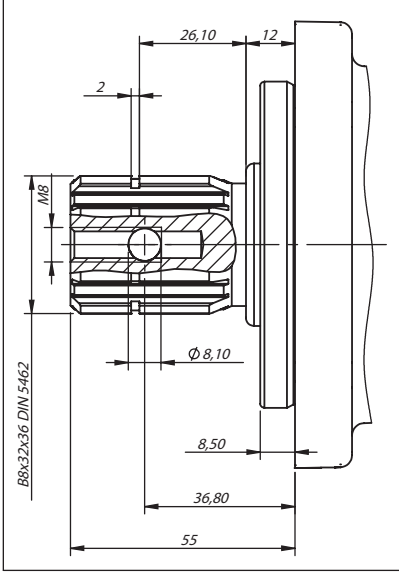
KAVİ SERIES

TECHNICAL DATA

Kod Code	İletişim Hacmi Displacement cm ³ /rev	A mm	B mm	C GİRİŞ INLET	D ÇIKIŞ OUTLET	AĞIRLIK WEIGHT kg
ISO KAVİ - 60-A	60.23	92.50	239.50	G1 1/4"	G1"	19.8
ISO KAVİ - 70-A	70.18					
ISO KAVİ - 80-A	81.10					
ISO KAVİ - 90-A	90.20					
ISO KAVİ - 100-A	99.75					

KAVİ

TECHNICAL DATA



SHAFT ÖZELLİKLERİ
SHAFT FEATURES

Giriş Basıncı Inlet Pressure	0.7 ÷ 1.5 bar
Çalışma Viskozite Seviyesi Operating Viscosity Range	-12 : 100 cSt
Sıvı Sıcaklığı °C (t) Fluid Temperature °C (t)	-10°+80°C

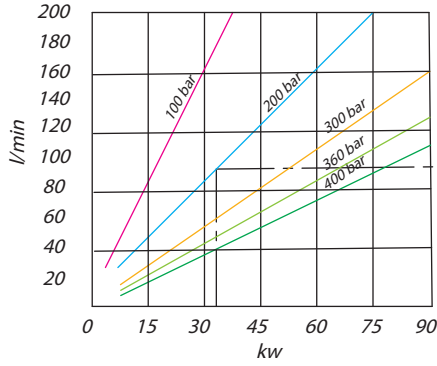
TAVSİYE EDİLEN FİLTRE (Geri Dönüş) RECOMMENDED FILTERING (Return Or Outlet)

Çalışma Basıncı Working Pressure	Kirlilik - Contamination NAS 1638	ISO 4406	Filtre-Filter βx=75
≤ 200 bar	12	21/18	40μm
≥ 200 bar	11	20/17	25μm

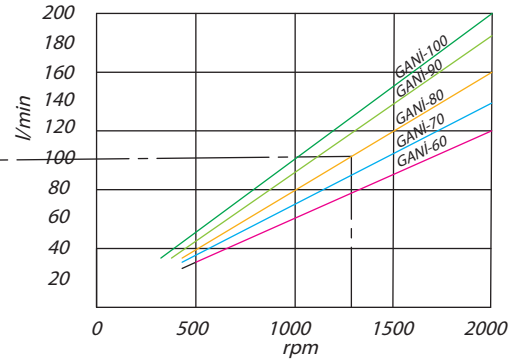
DIAGRAMLAR-DIAGRAMS

KAVİ SERIES

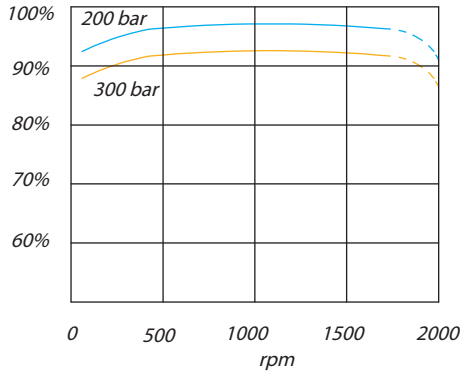
Emilmiş Güç - Absorbed Power



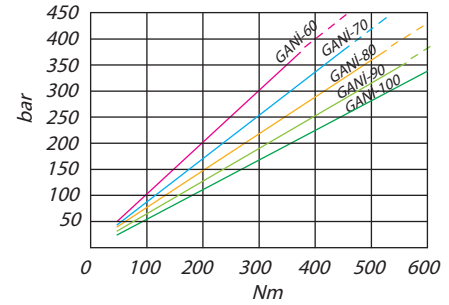
Kapasite - Capacity



Hacimsel Verimlilik - Volumetric Efficiency



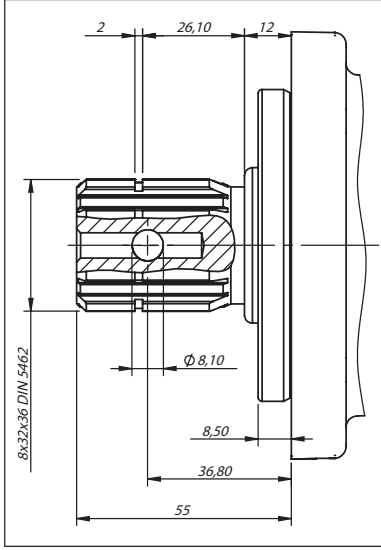
Giriş Torku - Input Torque



TİP - TYPE		KAVİ 60	KAVİ 70	KAVİ 80	KAVİ 90	KAVİ 100
Yer Değiştirme Displacement	cm/n ³ cm/rev. ³	60.23	70.18	81.10	90.20	99.78
Maksimum Sürekli Çalışma Basıncı Max. Continuous Operating Pressure	bar	350	330	300	300	290
Max. Hız Max. Speed	min ⁻¹	2000	2000	2000	2000	2000

KAVI

TECHNICAL DATA



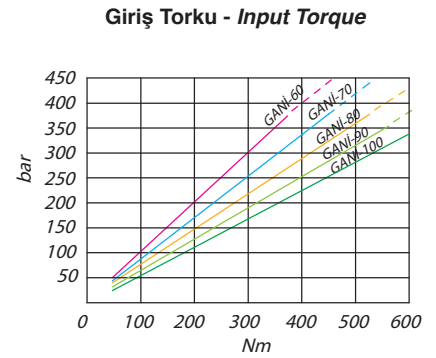
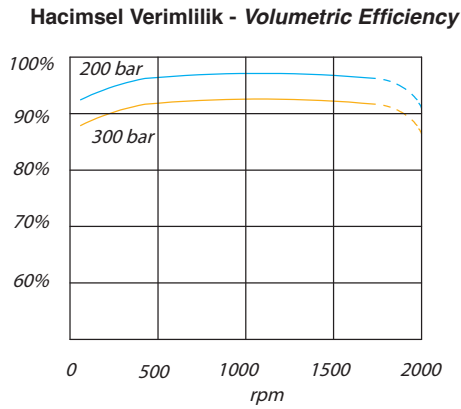
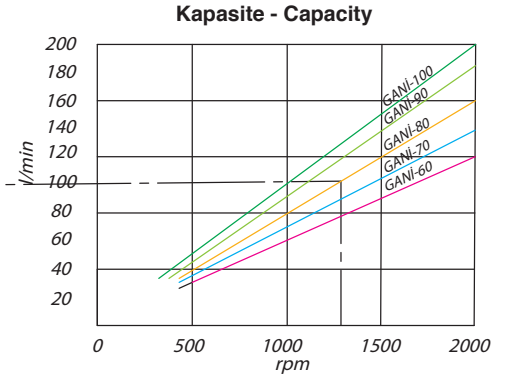
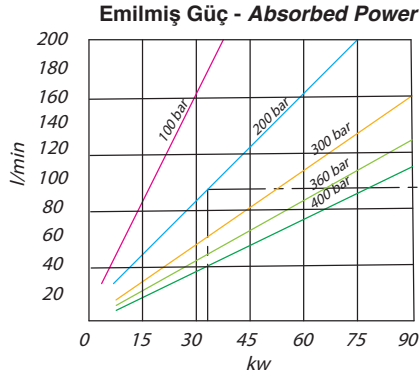
SHAFT ÖZELLİKLERİ
SHAFT FEATURES

Giriş Basıncı Inlet Pressure	0.7 ÷ 1.5 bar
Çalışma Viskozite Seviyesi Operating Viscosity Range	-12 : 100 cSt
Sıvı Sıcaklığı °C (t) Fluid Temperature °C (t)	-10°+80°C

TAVSİYE EDİLEN FİLTRE (Geri Dönüş) RECOMMENDED FILTERING (Return Or Outlet)

Çalışma Basıncı Working Pressure	Kirlilik - Contamination NAS 1638	ISO 4406	Filtre-Filter βx=75
≤ 200 bar	12	21/18	40μm
≥ 200 bar	11	20/17	25μm

DIAGRAMS

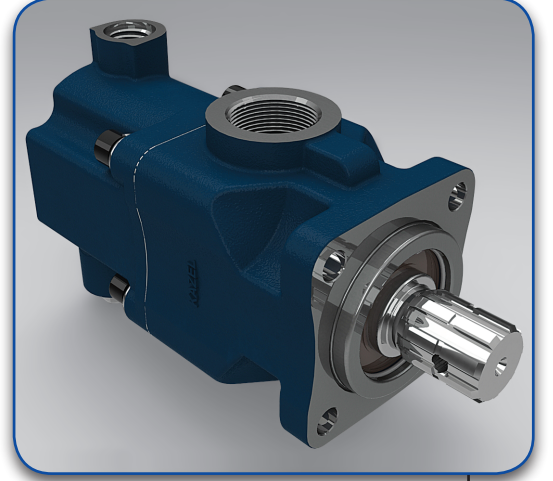
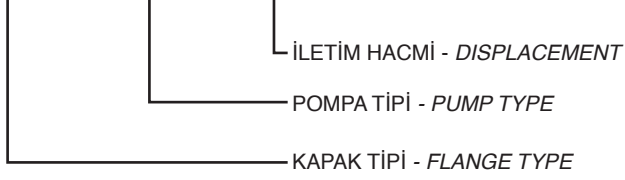


TİP - TYPE		KAVİ 60	KAVİ 70	KAVİ 80	KAVİ 90	KAVİ 100
Yer Değiştirme Displacement	cm/n ³ cm/rev. ³	60.23	70.18	81.10	90.20	99.78
Maksimum Sürekli Çalışma Basıncı Max. Continuous Operating Pressure	bar	350	330	300	300	290
Max. Hız Max. Speed	min ⁻¹	2000	2000	2000	2000	2000

6 PİSTONLU POMPA - 6 PISTON PUMP
YED SERİSİ PİSTONLU POMPA - YED SERIES PISTON PUMP

ISO SERIE YED

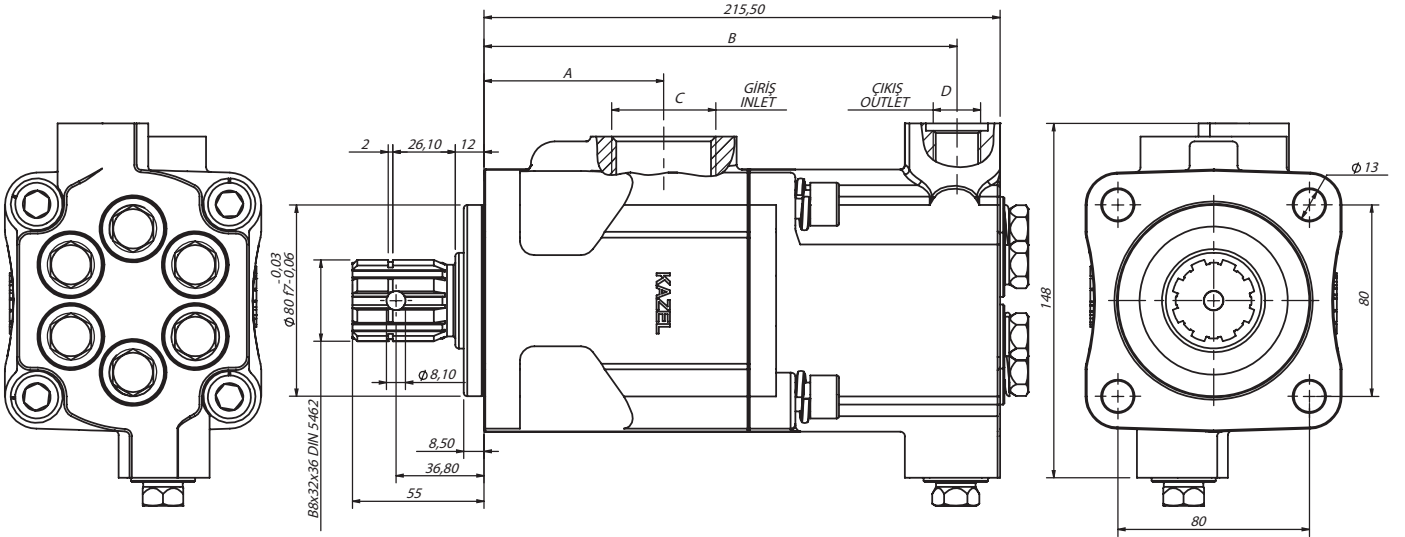
KODLAMA SİSTEMİ - CODE SYSTEMS **DIN 5462**
XXX - XXX - XX



Hydraulic pump symbol



BI- DIRECTIONAL

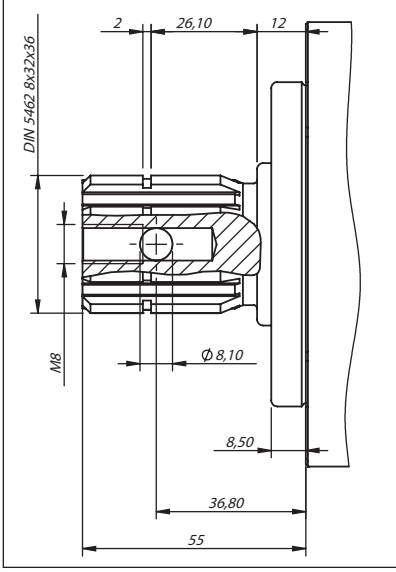


YED SERIES

TECHNICAL DATA

YED	Kod Code	İletişim Hacmi Displacement cm ³ /rev	A mm	B mm	C GİRİŞ INLET	D ÇIKIŞ OUTLET	AĞIRLIK WEIGHT kg
	ISO YED - 40	41	75	197.5	G1 1/4"	M22x1.5	12.8
	ISO YED - 52	52.15					

TECHNICAL DATA



SHAFT ÖZELLİKLERİ
SHAFT FEATURES

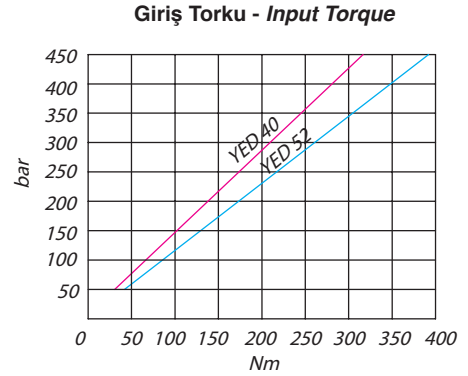
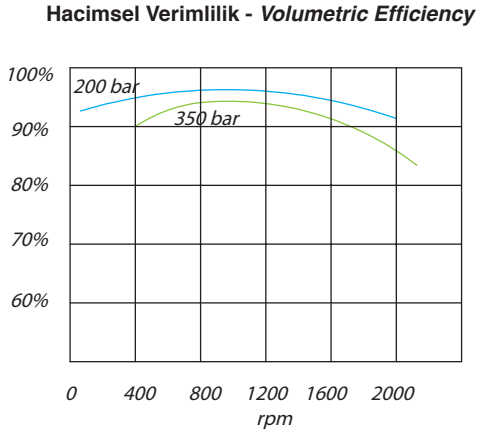
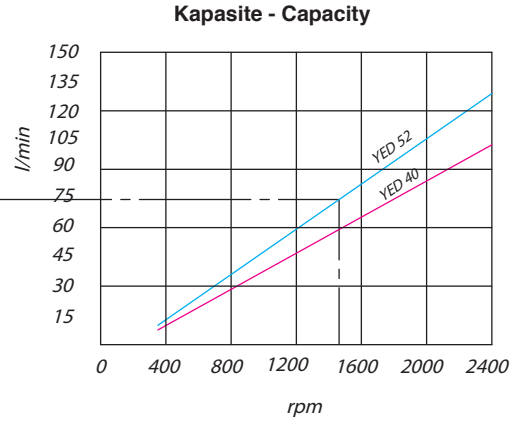
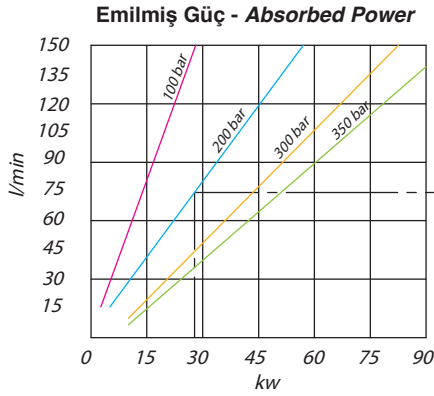
Giriş Basıncı Inlet Pressure	0.7 ÷ 1.5 bar
Çalışma Viskozite Seviyesi Operating Viscosity Range	-12 : 100 cSt
Sıvı Sıcaklığı °C (t) Fluid Temperature °C (t)	-10°+80°C

RECOMMENDED FILTERING (Return Or Outlet)

Çalışma Basıncı Working Pressure	Kirlilik - Contamination NAS 1638	ISO 4406	Filtre-Filter βx=75
≤ 200 bar	12	21/18	40μm
≥ 200 bar	11	20/17	25μm

DIAGRAMLAR-DIAGRAMS

YED SERIES



TİP - TYPE		YED 40	YED 52
Yer Değiştirme Displacement	cm/n ³ cm/rev. ³	41	52.15
Maksimum Sürekli Çalışma Basıncı Max. Continuous Operating Pressure	bar	330	330
Max. Hız Max. Speed	min ⁻¹	2000	2000

Kod Code	İletişim Hacmi Displacement cm³/rev	Normal Basınç Nominal Pressure (bar)	Peak Basınç Peak Pressure (bar)	Max. Hız Max. Speed min⁻¹	Ağırlık Weight kg
ISO R (L) FEYZ 22	21.9	300	350	2920	5.8
ISO R (L) FEYZ 33	32.9	300	350	2890	5.8

AXIS PUMP
FEYZ EKSENEL POMPA-FEYZ AXIS PUMP

ISO SERIE FEYZ-45

KODLAMA SİSTEMİ - CODE SYSTEMS

DIN 5462

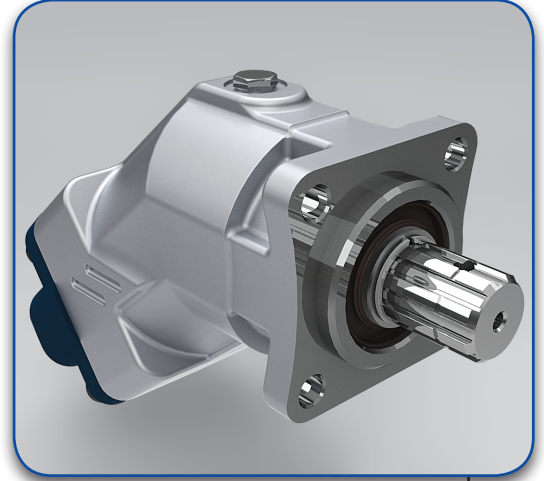
XXX - R(L) - XXX - XX

İLETİM HACMİ - DISPLACEMENT

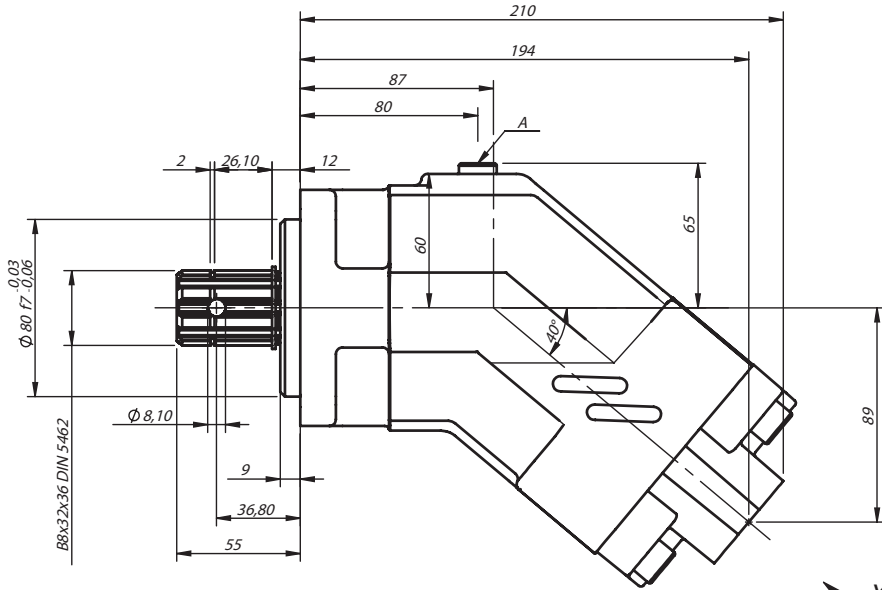
POMPA TİPİ - PUMP TYPE

L= SAAT YÖNÜ TERSİ - ANTICLOCKWISE
R= SAAT YÖNÜ - CLOCKWISE

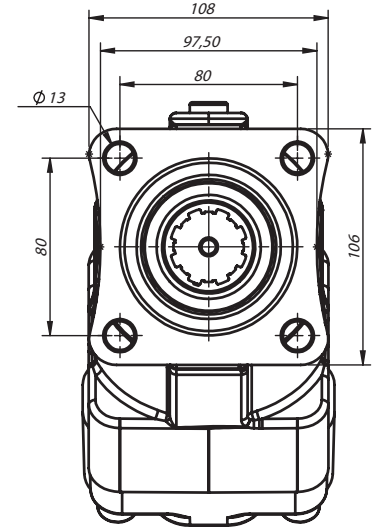
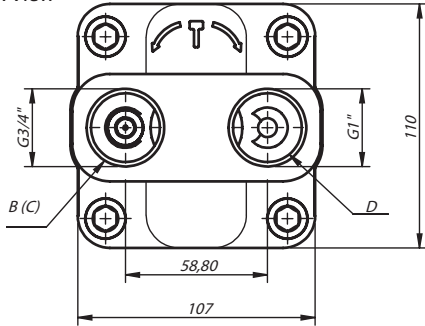
KAPAK TİPİ - FLANGE TYPE



Hydraulic pump symbol



X Görünüşü
X View



SEAL KIT

Connections

B or C Service line Port
D Suction port for operation fluid
A Air bleed

Kuvvet Tapaları - Torque Plugs

G 3/4;	330 Nm
G 1;	330 Nm
G 1/4;	30 Nm

TECHNICAL DATA

Kod Code	İletişim Hacmi Displacement cm ³ /rev	Normal Basınç Nominal Pressure (bar)	Peak Basınç Peak Pressure (bar)	Max. Hız Max. Speed min ⁻¹	Ağırlık Weight kg
ISO R (L) FEYZ 45	45.6	300	350	2550	8

FEYZ 22-23

FEYZ SERIES - 45

FEYZ 65

Kod Code	İletişim Hacmi Displacement cm³/rev	Normal Basınç Nominal Pressure (bar)	Peak Basınç Peak Pressure (bar)	Max. Hız Max. Speed min ⁻¹	Ağırlık Weight kg
ISO R (L) FEYZ 65	64.50	300	350	2300	9

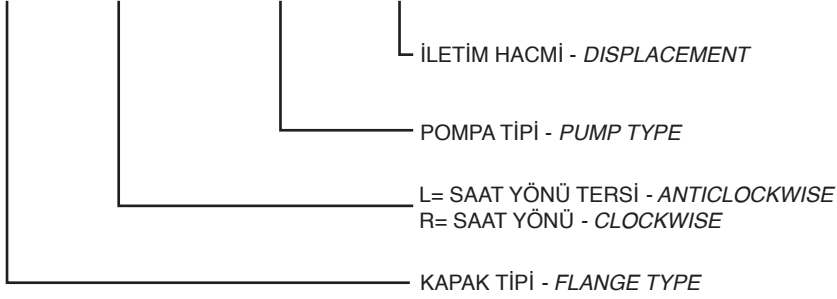
FEYZ SERIES - 80-90

AXIS PUMP FEYZ EKSENEL POMPA-FEYZ AXIS PUMP

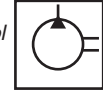
ISO SERIE FEYZ-107-125

KODLAMA SİSTEMİ - CODE SYSTEMS **DIN 5462**

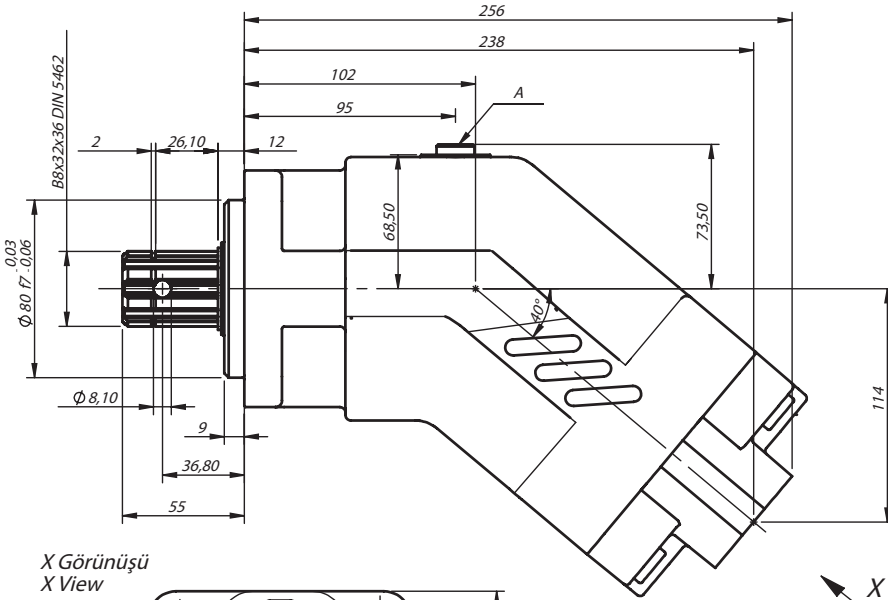
XXX - R(L) - XXX - XX



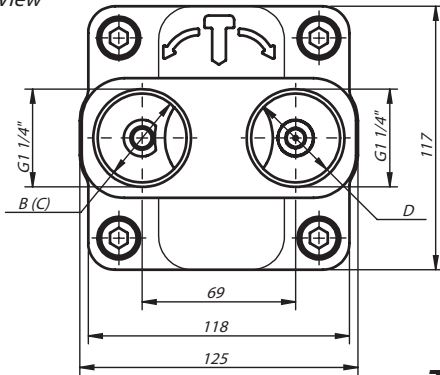
Hydraulic pump symbol



FEYZ SERIES-107-125



X Görünüşü
X View



SEAL KIT

Connections

B or C Service line Port
D Suction port for operation fluid
A Air bleed

Kuvvet Tapaları - Torque Plugs

G1 1/4;	720 Nm
G1 1/4;	720 Nm
G1/4;	30 Nm

TECHNICAL DATA

Kod Code	İletişim Hacmi Displacement cm ³ /rev	Normal Basınç Nominal Pressure (bar)	Peak Basınç Peak Pressure (bar)	Max. Hız Max. Speed min ⁻¹	Ağırlık Weight kg
ISO R (L) FEYZ 107	106.7	300	350	1850	14.5
ISO R (L) FEYZ 125	124.5	250	300	1790	14.5

FEYZ 107-125

BOYUT - SIZE		22	33	45	65	80	90	107	125
Yer Değiştirme Displacement	cm ³	21.9	32.9	45.6	64.5	80.4	90.7	106.7	124.5
Max. Hız Max. Speed	rpm	2920	2890	2550	2300	2135	2050	1850	1790
Debi Hızı Flow Max.	L/min	67	91	115	145	166	183	191	217
Max. Güç Power Drive	kw	30	45	55	70	85	90	95	105
Dönme Gücü Torque	300 bar/Nm	107	151	217	289	383	413	507	595
	350 bar/Nm	125	175	251	349	445	499	591	693
Dönme Direnci Rotary Stiffness	Nm/rad	301	301	433	519	707	775	805	805
Eksen Döndürme Gücü Axial Torque	kg/m ²	0.0011	0.0011	0.003	0.0041	0.0073	0.0079	0.0113	0.0113
Yaklaşık Ağırlık Approximate Weight	kg	5.8	5.8	8	9	11.60	11.60	14.5	14.5

1)-These values apply at absolute pressures at suction opening >S< and operating on mineral oil "at 0,8 bar at suction port S reduced technical data
2)-%3 flow loss included

M10 screw is fitted the place that it is
Pressure outlet port and direction of rotation

