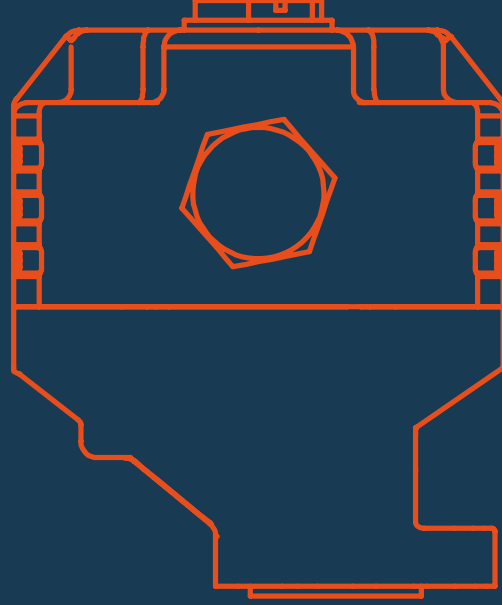


2024



ozcihan
makina

*DİŞLİ POMPALAR
PİSTONLU POMPALAR
EKSENEL POMPALAR*

*GEAR PUMPS
PISTON PUMPS
BENT AXIS PISTON PUMP*



ÖZCIHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS

www.ozcihan.com.tr
www.ctmhydraulic.com

DİŞLİ POMPA GEAR PUMP

KODLAMA SİSTEMİ

CODDING SYSTEM

CTM

→ EK ÖZELLİK
→ DÖNÜŞ YÖNÜ
→ DEBİ
→ GÖVDE TİPİ
→ BAĞLANTI TİPİ
→ ÖZCİHAN MAKİNA

ADD. FEATURES
ROTATION
DISPLACEMENT
BODY TYPE
CONNECTION TYPE

EK ÖZELLİK
ADD. FEATURES

H

HAVA KONTROLÜ
AIR CONTROL

M

MEKANİK KONTROLÜ
MECHANIC CONTROL

T

TANDEM

DÖNÜŞ YÖNÜ
ROTATION

1

SAĞA DÖNÜŞ

RIGHT

2

SOLA DÖNÜŞ

LEFT

3

ÇİFT YÖN

TWO-WAY

DEBİ
DISPLACEMENT

17, 27, 34, 43, 51, 61, 63,
73, 82, 87, 92, 109, 133, 151

GÖVDE TİPİ
BODY TYPE

30

30 SERİSİ | 30 SERIES

40

40 SERİSİ | 40 SERIES

BAĞLANTI TİPİ
CONNECTION TYPE

3

UNI 3 DELİKLİ | 3 HOLES

4

ISO 4 DELİKLİ | 4 HOLES



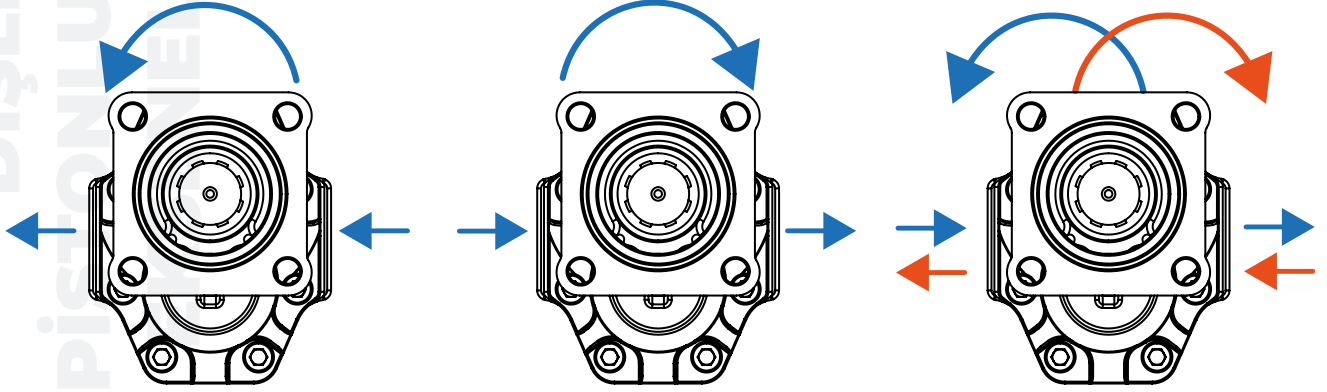
ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS

TEKNİK VERİLER

TECHNICAL DATA

TAHRİK MİLINE GÖRE DÖNÜŞ YÖNÜNÜN TANIMI

DEFINITION OF ROTATION ACCORDING TO THE DRIVE SHAFT



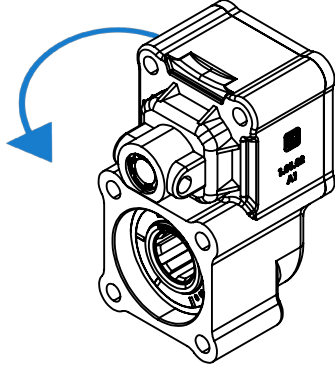
SOLA DÖNÜŞ
COUNTER CLOCKWISE

SAĞA DÖNÜŞ
CLOCKWISE

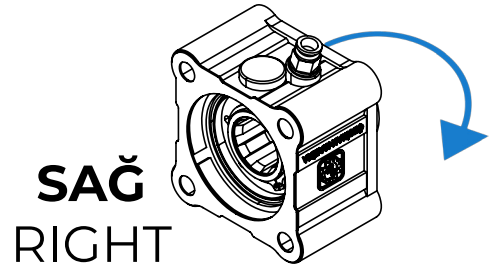
ÇİFT YÖN
TWO-WAY

PTO DÖNÜŞ YÖNÜNE GÖRE POMPA SEÇİMİ

PUMP SELECTION ACCORDING TO THE PTO DIRECTION



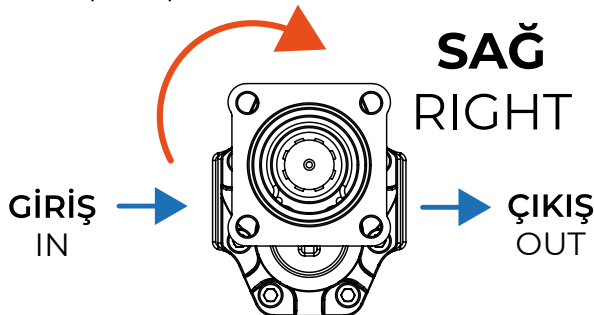
SOL
LEFT



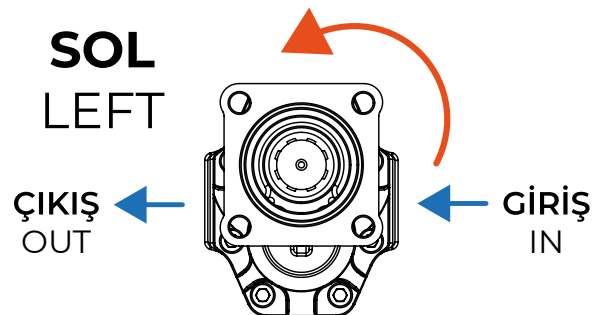
SAĞ
RIGHT

PTO mili SOLA dönüyorsa,
pompanız SAĞ dönüslü olmalıdır.
If the PTO shaft is turning LEFT,
pump's direction must be RIGHT.

PTO mili SAĞA dönüyorsa,
pompanız SOL dönüslü olmalıdır.
If the PTO shaft is turning RIGHT,
pump's direction must be LEFT.



SAĞ
RIGHT



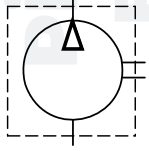
SOL
LEFT





30 SERİSİ DİŞLİ POMPA

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

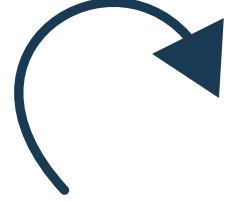
Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

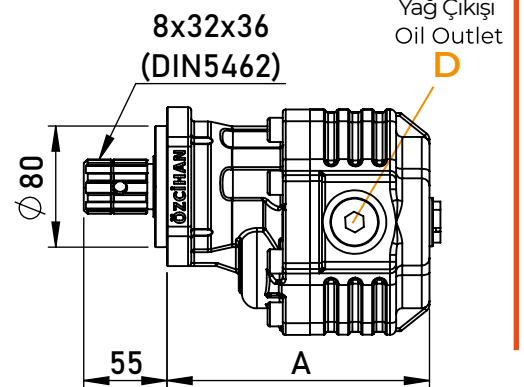
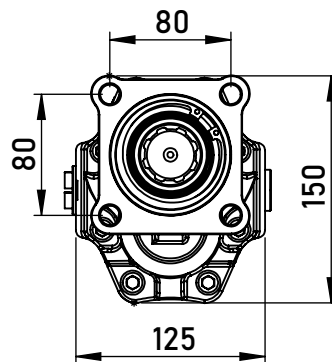
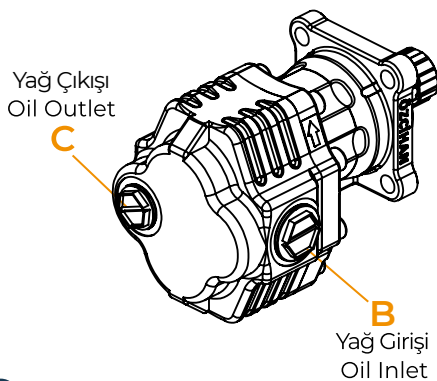
Filtre
Filtration

25 µm

40 µm

KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C/D YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430171	17	280	480	400	1500	159	R 3/4 "	R 1/2 "	11
CTM430271	27	270	470	400	1500	163	R 3/4 "	R 3/4 "	11,5
CTM430341	34	260	460	400	1500	168	R 1 "	R 3/4 "	12
CTM430431	43	250	450	400	1500	174	R 1 "	R 3/4 "	12,5
CTM430511	51	240	440	400	1500	179	R 1 "	R 3/4 "	13
CTM430611	61	230	430	400	1500	185	R 1 "	R 3/4 "	13,5
CTM430731	73	220	420	400	1500	192	R 1 " 1/4	R 1 "	14
CTM430821	82	210	410	400	1500	198	R 1 " 1/4	R 1 "	14,5
CTM430921	92	200	400	400	1500	203	R 1 " 1/4	R 1 "	15

TEKNİK ÇİZİM
TECHNICAL DRAWING

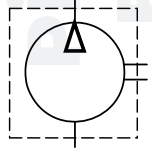


ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS

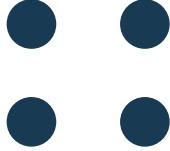


30 SERİSİ DİŞLİ POMPA

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

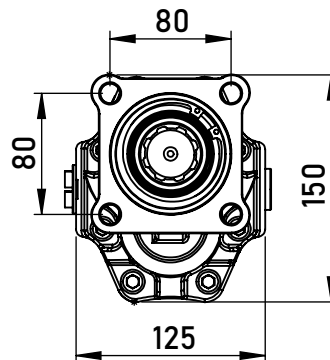
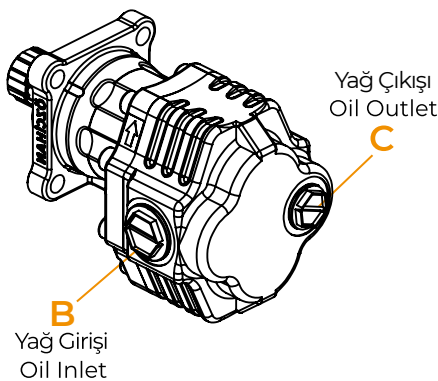
Filtre
Filtration

25 µm

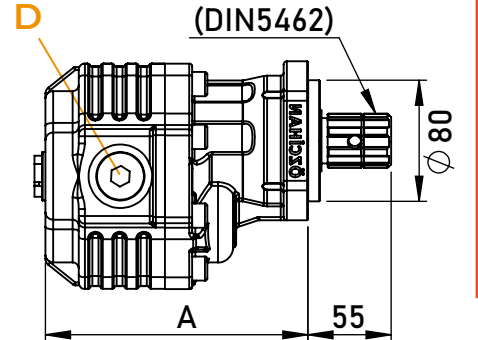
40 µm

KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C/D YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430172	17	280	480	400	1500	159	R 3/4 "	R 1/2 "	11
CTM430272	27	270	470	400	1500	163	R 3/4 "	R 3/4 "	11,5
CTM430342	34	260	460	400	1500	168	R 1 "	R 3/4 "	12
CTM430432	43	250	450	400	1500	174	R 1 "	R 3/4 "	12,5
CTM430512	51	240	440	400	1500	179	R 1 "	R 3/4 "	13
CTM430612	61	230	430	400	1500	185	R 1 "	R 3/4 "	13,5
CTM430732	73	220	420	400	1500	192	R 1 " 1/4	R 1 "	14
CTM430822	82	210	410	400	1500	198	R 1 " 1/4	R 1 "	14,5
CTM430922	92	200	400	400	1500	203	R 1 " 1/4	R 1 "	15

TEKNİK ÇİZİM
TECHNICAL DRAWING



Yağ Çıkışı
Oil Outlet



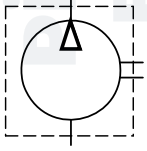
ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS



30 SERİSİ DİŞLİ POMPA

HAVA KONTROLLÜ

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

Filtre
Filtration

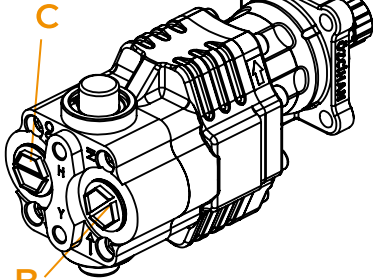
25 µm

40 µm

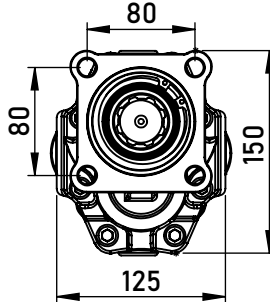
KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C/D YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430431H	43	250	450	400	1500	247	R 1"	R 3/4"	15,5
CTM430511H	51	240	440	400	1500	252	R 1"	R 3/4"	16
CTM430611H	61	230	430	400	1500	258	R 1"	R 3/4"	16,5
CTM430731H	73	220	420	400	1500	265	R 1" 1/4	R 1"	17
CTM430821H	82	210	410	400	1500	271	R 1" 1/4	R 1"	17,5
CTM430921H	92	200	400	400	1500	276	R 1" 1/4	R 1"	18

TEKNİK ÇİZİM
TECHNICAL DRAWING

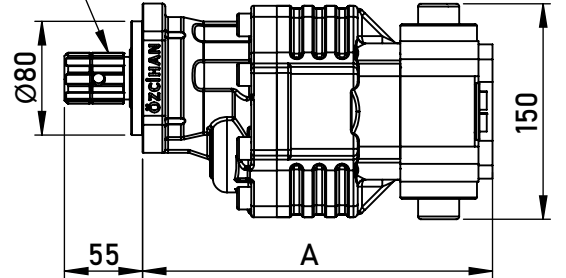
Yağ Çıkışı
Oil Outlet



Yağ Girişi
Oil Inlet



8x32x36
(DIN 5462)



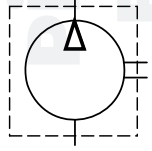
ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS



30 SERİSİ DİŞLİ POMPA

HAVA KONTROLLÜ

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

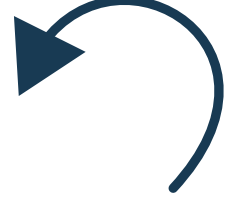
Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

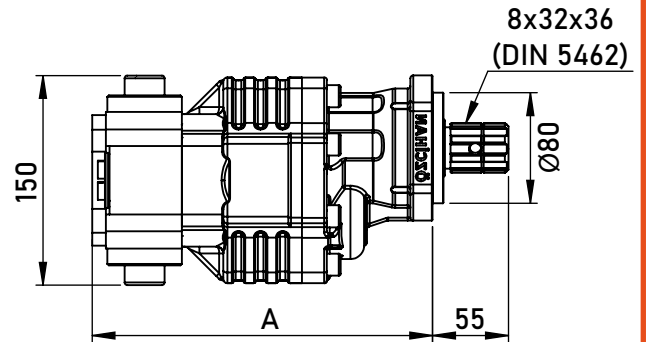
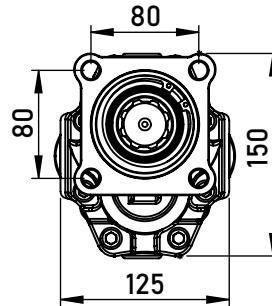
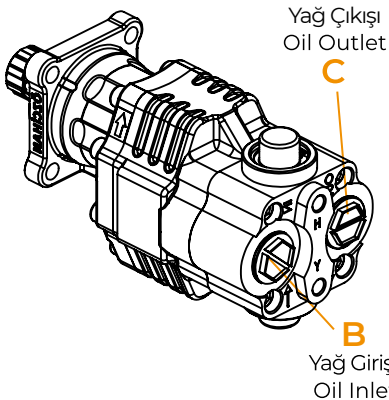
Filtre
Filtration

25 µm

40 µm

KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430432H	43	250	450	400	1500	247	R 1"	R 3/4"	15,5
CTM430512H	51	240	440	400	1500	252	R 1"	R 3/4"	16
CTM430612H	61	230	430	400	1500	258	R 1"	R 3/4"	16,5
CTM430732H	73	220	420	400	1500	265	R 1" 1/4	R 1"	17
CTM430822H	82	210	410	400	1500	271	R 1" 1/4	R 1"	17,5
CTM430922H	92	200	400	400	1500	276	R 1" 1/4	R 1"	18

TEKNİK ÇİZİM
TECHNICAL DRAWING



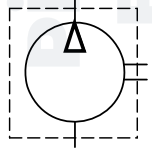
ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS



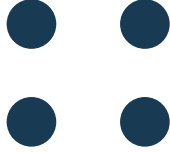
30 SERİSİ DİŞLİ POMPA

MEKANİK KONTROLLÜ

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

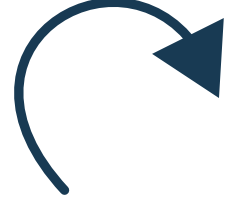
Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

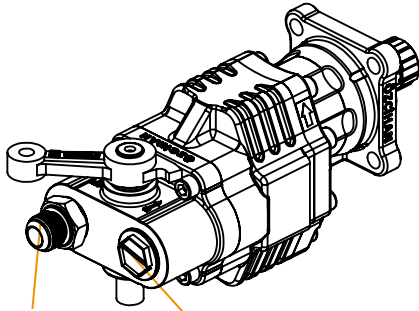
Filtre
Filtration

25 µm

40 µm

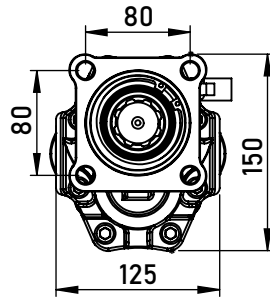
KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430431M	43	250	450	400	1500	254	R 1"	R 3/4"	16
CTM430511M	51	240	440	400	1500	259	R 1"	R 3/4"	16,5
CTM430611M	61	230	430	400	1500	265	R 1"	R 3/4"	17
CTM430731M	73	220	420	400	1500	272	R 1" 1/4	R 1"	17,5
CTM430821M	82	210	410	400	1500	278	R 1" 1/4	R 1"	18
CTM430921M	92	200	400	400	1500	283	R 1" 1/4	R 1"	18,5

TEKNİK ÇİZİM
TECHNICAL DRAWING

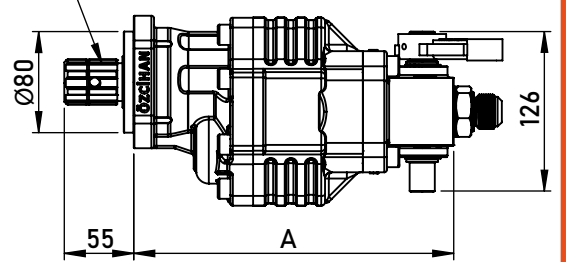


C
Yağ Çıkışı
Oil Outlet

B
Yağ Girişi
Oil Inlet



8x32x36
(DIN5462)



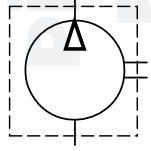
ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS



30 SERİSİ DİŞLİ POMPA

MEKANİK KONTROLLÜ

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

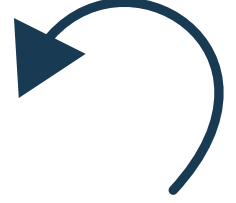
Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

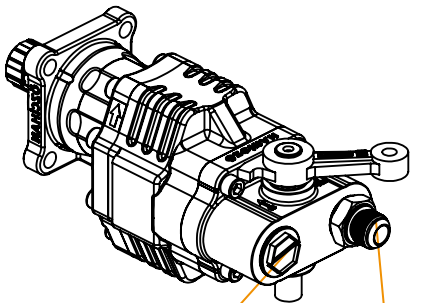
Filtre
Filtration

25 µm

40 µm

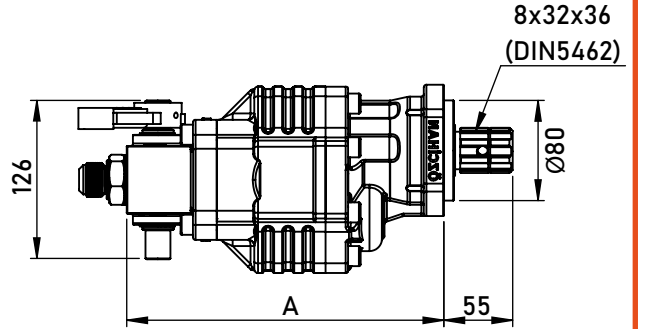
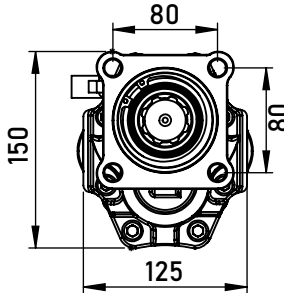
KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430432M	43	250	450	400	1500	254	R 1"	R 3/4"	16
CTM430512M	51	240	440	400	1500	259	R 1"	R 3/4"	16,5
CTM430612M	61	230	430	400	1500	265	R 1"	R 3/4"	17
CTM430732M	73	220	420	400	1500	272	R 1" 1/4	R 1"	17,5
CTM430822M	82	210	410	400	1500	278	R 1" 1/4	R 1"	18
CTM430922M	92	200	400	400	1500	283	R 1" 1/4	R 1"	18,5

TEKNİK ÇİZİM
TECHNICAL DRAWING



B
Yağ Girişi
Oil Inlet

C
Yağ Çıkışı
Oil Outlet



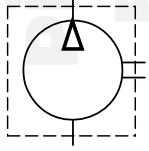
ÖZCIHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS



30 SERİSİ DİŞLİ POMPA

TANDEM

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

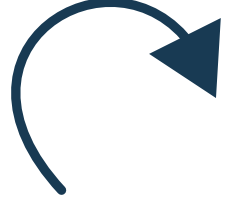
Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

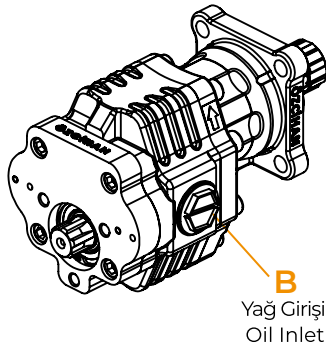
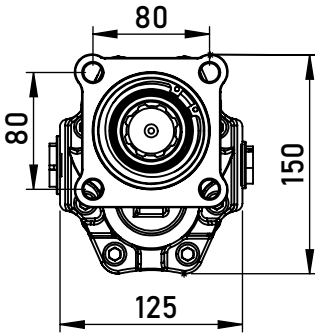
Filtre
Filtration

25 µm

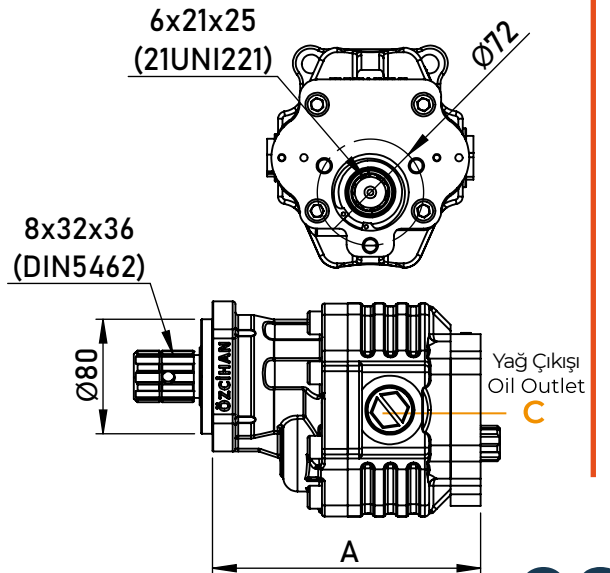
40 µm

KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430431T	43	250	450	400	1500	188	R 1"	R 3/4"	12,5
CTM430511T	51	240	440	400	1500	193	R 1"	R 3/4"	13
CTM430611T	61	230	430	400	1500	199	R 1"	R 3/4"	13,5
CTM430731T	73	220	420	400	1500	206	R 1" 1/4	R 1"	14
CTM430821T	82	210	410	400	1500	212	R 1" 1/4	R 1"	14,5
CTM430921T	92	200	400	400	1500	217	R 1" 1/4	R 1"	15

TEKNİK ÇİZİM
TECHNICAL DRAWING



B
Yağ Girişi
Oil Inlet



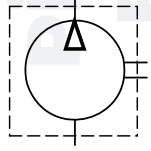
ÖZÇİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS



30 SERİSİ DİŞLİ POMPA

TANDEM

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

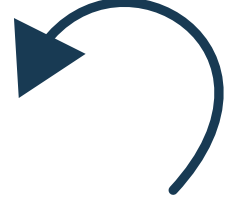
Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

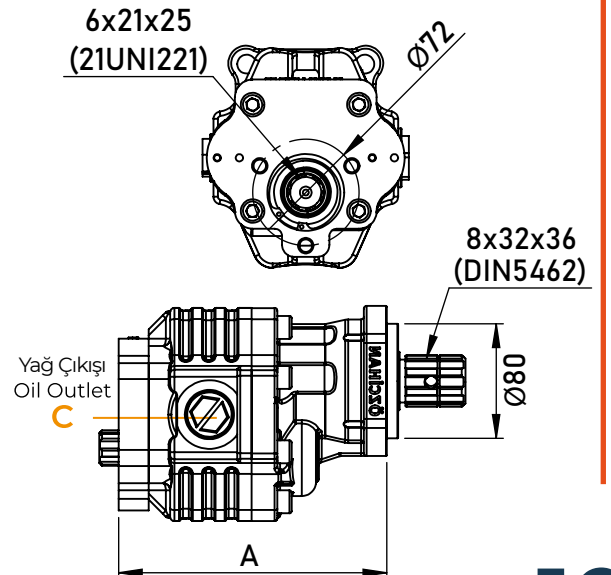
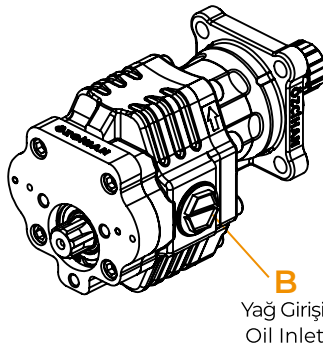
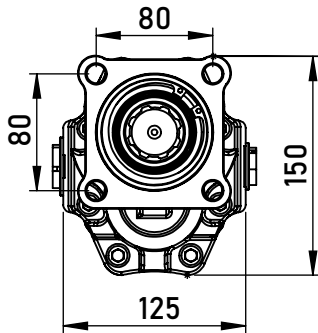
Filtre
Filtration

25 µm

40 µm

KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	C YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM430432T	43	250	450	400	1500	188	R 1"	R 3/4"	12,5
CTM430512T	51	240	440	400	1500	193	R 1"	R 3/4"	13
CTM430612T	61	230	430	400	1500	199	R 1"	R 3/4"	13,5
CTM430732T	73	220	420	400	1500	206	R 1" 1/4	R 1"	14
CTM430822T	82	210	410	400	1500	212	R 1" 1/4	R 1"	14,5
CTM430922T	92	200	400	400	1500	217	R 1" 1/4	R 1"	15

TEKNİK ÇİZİM
TECHNICAL DRAWING



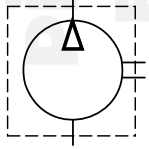
ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS



30 SERİSİ DİŞLİ POMPA

ÇİFT YÖNLÜ

30 SERIES GEAR PUMP



SEMBOL
SYMBOL



ISO

Giriş Basıncı
Inlet Pressure

0.7 / 1.5 bar

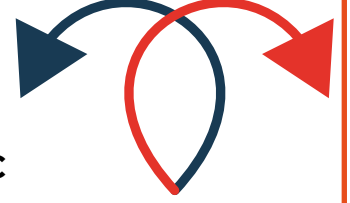
Viskozite Seviyesi
Viscosity Range

-12/100 cSt

Sıvı Sıcaklığı
Fluid Temperature

-10 °C+80 °C

YÖN
ROTATION



Çalışma Basıncı
Working Pressure

≥200 bar

≤200 bar

Kirlilik
Contamination

NAS 1638

11

12

Kirlilik
Contamination

ISO 4406

20/17

21/18

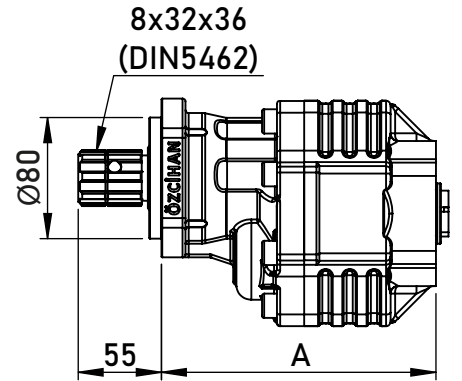
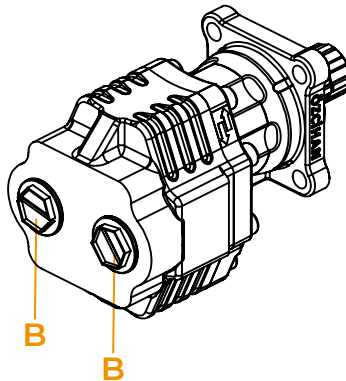
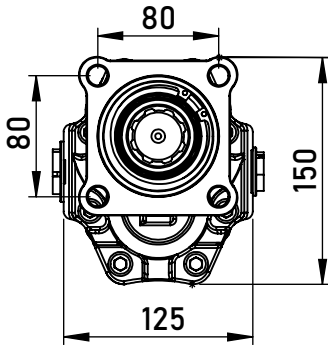
Filtre
Filtration

25 µm

40 µm

KOD CODE	DEBİ DISPLACE. cm	ÇALIŞMA BASINCI WORKING PRESS. (Bar)	MAX. BASINÇ MAX. PRESSURE (Bar)	MIN (RPM)	MAX. (RPM)	A (mm)	B YAĞ GİRİŞİ OIL INLET	YAĞ ÇIKIŞI OIL OUTLET	AĞIRLIK WEIGHT (kg)
CTM330433	43	250	450	400	1500	182	R 1"	R 1"	12,5
CTM330513	51	240	440	400	1500	187	R 1"	R 1"	13
CTM330613	61	230	430	400	1500	193	R 1"	R 1"	13,5
CTM330733	73	220	420	400	1500	200	R 1" 1/4	R 1" 1/4	14
CTM330823	82	210	410	400	1500	206	R 1" 1/4	R 1" 1/4	14,5
CTM330923	92	200	400	400	1500	211	R 1" 1/4	R 1" 1/4	15

TEKNİK ÇİZİM
TECHNICAL DRAWING



ÖZCİHAN MAKİNA
POWER TAKE OFF (PTO) / SPLITSHAFT PTO
HYDRAULIC PUMPS

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