







TR

SMS hidrolik Elemanları Ltd. Şti. 20 yılı aşan iş deneyimi ve tecrübesiyle, siz değerli müşterilerine hizmet vermenin heyecanını duyar. Kurulduğu günden itibaren Hidrolik sektöründe gelişimde sınır tanımayan firmamız, teknik bilgi, deneyim ve teknolojik olarak kendini sürekli yenileyerek ve geliştirerek, üretim yapan profesyonel kadroya sahip olan şirketimiz ;

- Hidrolik Dişli Pompalar
- Pistonlu Pompalar
- P.T.O.' lar (Yavru Şanzımanlar)
- Kardan Milleri
- Hidrolik Yön Valfleri
- Sınır Kontrol Valfleri (By-Pass)
- Teleskopik Silindirler (Lift)
- Yağ Depoları (Hidrolik Tank)

imalatındaki en kaliteli ve en uygun ürünü sunmak,

SMS Hidrolik, kurulduğu ilk andan itibaren kaliteye önem ve zoru başarma azmi sayesinde kısa sürede hidrolik sektörde tanınmış ve bu ilkelerinden asla vazgeçmemiştir.

Firmanın değişmez prensipleri daima kalite, hizmet, zamanında teslim ve uygun fiyat olmuştur.

Üretimde başarı ve sürekliliğin teminatı hizmette dürüstlük ve kalitedir, prensibiyle çalışan SMS Hidrolik, gösterdiğiniz yakın ilgi ve desteğinizden ötürü teşekkür ederek sizlere bugün ve gelecekte hizmet vermeye devam edecektir.

SMS Hidrolik ekibi.

EN

SMS Hydraulic Equipments Trade Co. Ltd. More than 20 years of work experience, and experience, hear the excitement of serving our valued customers. Since its inception, our company uninhibited hydraulic sector development, technical knowledge, experience and self-renewing and developing technologically, the company is engaged in production with our professional staffs;

- Hydraulic Gear Pumps
- Piston Pumps
- P.T.O. 's (Power Take Off)
- Cardan Shafts
- Hydraulic Directional Valves
- Limiter Control Valves (By-Pass)
- Telescopic Cylinders (Lift)
- Oil Tanks (Hydraulic Tank)

provide the highest quality and most appropriate product manufacture,

SMS hydraulic, and difficult to achieve in regard to quality from the moment of its inception a short time owing to the tenacity of this principle well-known and never given up hydraulic sector

Principles do not change the company is always quality, service, on time delivery and reasonable price was.

The principle of honesty and quality service to guarantee the success and sustainability of production SMS hydraulic works, by thanking you for your close attention and support for you today and will continue to serve in the future.

SMS Hydraulic team.

FR

SMS hydraulique Ltd. Co. Avec plus de 20 ans d'expérience et de développement , heureux de servir notre honorable clientele. Notre entreprise n'ayant pas de limite de développement dans le secteur de levage hydraulique, combiné à la Technologie de machine avec la main d'oeuvre professionnelle pour la fourniture de nos produits aux normes internationales, fiables et de qualité. La connaissance techniques, l'expérience et l'auto-renouvellement et le développement technologique, notre entreprise engagée dans la production avec notre personnels professionnel ;

- Pompes à engrenages hydrauliques
 - Pompes à pistons
 - Prises de Mouvement (P.T.O.)
 - Axes de Cardan
 - Valves directionnelles
 - Limiteurs de pression (Fin de course)
 - Vérins télescopiques (Lift)
 - Réservoirs Hydraulique
- fournir la meilleure qualité et de la fabrication du produit le plus précis,

Depuis de ça création SMS hydraulique, atteints en matière de qualité inébranlable avec principe donc jamais renoncé dans le secteur de l'hydraulique

Leader dans le secteur notre entreprise est toujours avec le principe de qualité, de services, fiable et livraison rapide .

Le principe d'honnêteté et de service de qualité pour garantir le succès et la durabilité de nos production , en vous remerciant pour votre attention et de soutien pour vous aujourd'hui et continuera à vous répondre dans l'avenir.

L'équipe SMS Hydraulique.



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KODLAMA SİSTEMİ

GÜÇ AKTARMA KUTULARI

G - ■■■■ - ■■■■ - ■■■■ - ■■■■

A- UNI DİŞLİ POMPA
B- ISO PİSTONLU POMPA
C- FREZE ÇIKIŞ BAĞ.
D- ŞAFT ÇIKIŞ MİL BAĞ.
KAPLIN ÇIKIŞ BAĞ.

10- AKTARMASIZ
20- AKTARMALI
30- MEKANİK
40- VAKUMLU
50- HAVALI

Y- YANDAN BAĞLANTILI
K- KUYRUKTAN BAĞLANTILI

F020- ZF
F030- EATON
F040- HEMA-EATON
F050- SCANIA
F060- VOLVO
F070- IVECO
F080- RENAULT
F090- TURNER
F120- FULLER
F130- HINO
F140- MERCEDES
F150- MITSUBISHI
F160- ISUZU
F170- FOTON
F180- MACK

01-30 ARASI - ANA ŞANZIMAN MODELLERİ

G- GÜÇ AKTARMA KUTULARI

KARDAN MİLLERİ

K - ■■■■ - ■■■■

R-ROTADERLİ

M010- 9 S 75(13,16) ZF TİPİ MİL
M020- 16 S 109(13,31/13,41/13,43)
9 S 109(12,91) ZF TİPİ MİL
M030- 8 S 109(11,35)
9 S 109(12,92)
16 S 109(13,30-13,42) ZF TİPİ MİL
M040- 8 S 109 (13,53)
9 S 109 (10,24-10,25)
16 S 109(13,53-11,86) ZF TİPİ MİL
M050- 16 S 130(14,29-17,28-17,06-13,80)
16 S 160(14,29-17,28-17,06,13,80)
M060- 16 S 151
16 S 221
16 S 251 ZF TİPİ MİL
M080- 6109 EATON TİPİ MİL
M090- G-125/G-135/G-155/G-180
G-200/G-210/G-221/G-240
G-255/G-260 MERCEDES TİPİ MİL
M100 SR R 1000 / 1400 / 1700 / 1900
2000 / SRO 2400 VOLVO TİPİ MİL

K- KARDAN MİLLERİ

DİŞLİ POMPALAR

Z - ■■■■ - ■■■■ - ■■■■ - ■■■■

UNI - 3 DELİK BAĞ.
T2 - 6 DELİK BAĞ.
ISO - 4 DELİK BAĞ.

017- 17 LT DEBİ
027- 27 LT DEBİ
034- 34 LT DEBİ
043- 43 LT DEBİ
051- 51 LT DEBİ
061- 61 LT DEBİ
063- 63 LT DEBİ
073- 73 LT DEBİ
082- 82 LT DEBİ
087- 87 LT DEBİ
109- 109 LT DEBİ
133- 133 LT DEBİ

5- 30 SERİSİ - 4-5 MODÜL
7- 40 SERİSİ - 6 MODÜL

Q-AKUPLE DİŞLİ
F-AKUPLE VANALI
V-VAKUM VANALI
QW-AKUPLE PNÖMATİK VANALI
W-ŞAFT BAĞLANTILI
WP-ŞAFTLI PNÖMATİK VANALI

Z- DİŞLİ POMPALAR

DEPO VE AKSESUARLAR

D - ■■■■ - ■■■■

AR- BAĞ. YERİ KUPA ARKASI
SU- BAĞ. YERİ ŞASE ÜSTÜ

123- 123 LT HACİM
128- 128 LT HACİM
146- 146 LT HACİM
151- 151 LT HACİM
164- 164 LT HACİM
183- 183 LT HACİM
201- 201 LT HACİM
208- 208 LT HACİM
227- 227 LT HACİM
264- 264 LT HACİM
273- 273 LT HACİM

KP- DEPO KAPAKLARI
SG- SEVİYE GÖSTERGELERİ
SGG- SEVİYE GÖSTERGE GÖZLERİ

D- DEPO VE EKİPMANLAR

PİSTONLU POMPALAR

P - ■■■■ - ■■■■

01- ISO BAĞLANTILI
02- ÇİFT ÇIKIŞLI
03- UNI BAĞLANTILI

060- 60 LT
080- 80 LT

6- 6 PİSTONLU
9- 9 PİSTONLU

P- PİSTONLU POMPALAR

TELESKOPIK SİLİNDİRLER

L - ■■■■ - ■■■■ - ■■■■ - ■■■■ - ■■■■ - ■■■■ - ■■■■ - ■■■■

140X3X2500 ÖLÇÜMLÜ SİL.
140X3X2800 ÖLÇÜMLÜ SİL.
160X3X3300 ÖLÇÜMLÜ SİL.
160X3X3800 ÖLÇÜMLÜ SİL.
160X4X3300 ÖLÇÜMLÜ SİL.
160X4X3700 ÖLÇÜMLÜ SİL.
160X4X4100 ÖLÇÜMLÜ SİL.
160X4X4500 ÖLÇÜMLÜ SİL.
190X4X4110 ÖLÇÜMLÜ SİL.
190X4X4500 ÖLÇÜMLÜ SİL.
190X5X5500 ÖLÇÜMLÜ SİL.
220X5X5500 ÖLÇÜMLÜ SİL.
245X5X5500 ÖLÇÜMLÜ SİL.

A- ÜST MİL
ALT DELİK BAĞ. TİP
B- ÜST DELİK
ALT DELİK BAĞ. TİP
C- ÜST DELİK
ALT MİL. BAĞ. TİP
E- ÜST DELİK
ALT MİL YATAKLI BAĞ. TİP
H- ÜST MİL
ALT MİL BAĞ. TİP
HE- ÜST MİL
ALT MİL YATAKLI BAĞ. TİP

10- LİFTLER
20- BRAKETLER
30- LİFT YATAKLARI
40- TAMİR CONTA TAKIMLAR

L- TELESKOPIK SİLİNDİRLER VE EKİPMANLAR

PNÖMATİK EKİPMANLAR

A - ■■■■ - ■■■■

5120- 2 YOLLU HAVA DÜĞMELERİ
5130- 3 YOLLU HAVA DÜĞMELERİ
5140- 4 YOLLU HAVA DÜĞMELERİ
5220- 2'Lİ JOYSTİK DAMPER KALDIRMA VALFLERİ
5230- 3'LÜ JOYSTİK DAMPER KALDIRMA VALFLERİ
5300- MEKANİK HAREKET KABLOSU

A- PNÖMATİK EKİPMANLAR

DAĞITICILAR

V - ■■■■ - ■■■■

01-1" ÇIKIŞLI
02-3/4" ÇIKIŞLI
03-3/4" VAKUMLU

S- DORSE MONTAJLI VENTİL
D- TANK MONTAJLI VENTİL
1500- BYPASS

V- DAĞITICILAR

CODING SYSTEM



OIL TANKS

D - ■■■■ - ■■

AR- CONNECTION TYPE BEHIND OF CABINE
SU- CONNECTION TYPE ON THE CHASIS

123- VOLUME 123 LT
128- VOLUME 128 LT
146- VOLUME 146 LT
151- VOLUME 151 LT
164- VOLUME 164 LT
183- VOLUME 183 LT
201- VOLUME 201 LT
208- VOLUME 208 LT
227- VOLUME 227 LT
264- VOLUME 264 LT
273- VOLUME 273 LT

KP- TANK COVERS
SG- LEVEL INDICATOR
SGG- EYES LEVEL INDICATEUR

D- TANKS AND EQUIPMENTS

PISTON PUMPS

P - ■■■■ - ■■

017- 17 LT
027- 27 LT
035- 35 LT
045- 45 LT
060- 55 LT
080- 80 LT
100- 100 LT

6- 6 PISTON
9- 9 PISTON

P- PISTON PUMPS

POWER TAKE OFF

G - ■■■■ - ■■ - ■■ - ■■

A- PUMP CON. 3 HOLE (UNI)
B- PUMP CON. 4 HOLE (ISO)
C- PUMP CON. MIL. SHAFT CON.
D- PUMP CON. CARDAN SHAFT
E- PUMP CON. COUPLING

10- DIRECT
20- INDIRECT DOUBLE GEAR
30- MECHANIC
40- VACUUM
50- PNEUMATIC

Y- SICE CON. GEAR BOX
K- REAR CON. GEAR BOX

CYLINDERS & EQUIPMENTS

L - ■■■■ - ■■

140X3X2500 CYLINDER DIM.
140X3X2800 CYLINDER DIM.
160X3X3300 CYLINDER DIM.
160X3X3800 CYLINDER DIM.
160X4X3300 CYLINDER DIM.
160X4X3700 CYLINDER DIM.
160X4X4100 CYLINDER DIM.
160X4X4500 CYLINDER DIM.
190X4X4110 CYLINDER DIM.
190X4X4500 CYLINDER DIM.
190X5X5500 CYLINDER DIM.
220X5X5500 CYLINDER DIM.
245X5X5500 CYLINDER DIM.

10- CYLINDER
20- BRACKET
30- BEARING
40- SEALING GROUP

L- TELESCOPIC CYLINDER & EQUIPMENTS

A- SUPERIOR SHAFT
INFERIOR HOLE CON. TYPE
B- SUPERIOR HOLE
INFERIOR HOLE CON. TYPE
C- SUPERIOR HOLE
INFERIOR SHAFT CON. TYPE
E- SUPERIOR HOLE
INFERIOR SHAFT CON. TYPE
H- SUPERIOR SHAFT
INFERIOR SHAFT CON. TYPE
HE- SUPERIOR SHAFT
INFERIOR SHAFT PLACE CON. TYPE

F020- ZF
F030- EATON
F040- HEMA-EATON
F050- SCANIA
F060- VOLVO
F070- IVECO
F080- RENAULT
F090- TURNER
F120- FULLER
F130- HINO
F140- MERCEDES
F150- MITSUBISHI
F160- ISUZU
F170- FOTON
F180- MACK

G- POWER TAKE OFF

01-30 GEAR BOX TYPE

ADAPTORS

H - ■■■■

2100- PUMP ADAPTOR ISO UNI
2200- PISTON PUMP ADA. ISO UNI
2300- UNIVERSAL ADAPTOR
2400- 1P1 ADAPTOR
2500- 2P1 ADAPTOR
3100- 6 TRAILLET ADAPTOR
3200- 8 TRAILLET ADAPTOR
3300- FLANGE
4100- 6X6 FLANGE
4200- 6X8 FLANGE
4300- 1P1 FLANGE
4400- 2P1 FLANGE

H- ADAPTORS

CARDAN SHAFTS

K - ■■■■ - ■■

R-ROTARDER

M010- 9 S 75(13,16) ZF TYPE CARDAN
M020- 16 S 109(13,31/13,41/13,43)
9 S 109(12,91) ZF TYPE CARDAN
M030- 8 S 109(11,35)
9 S 109(12,92)
16 S 109(13,30-13,42) ZF TYPE CAR.
M040- 8 S 109 (13,53)
9 S 109 (10,24-10,25)
16 S 109(13,53-11,86) ZF TYPE CAR.
M050- 16 S 130(14,29-17,28-17,06-13,80)
16 S 160(14,29-17,28-17,06,13,80)
M060- 16 S 151
16 S 221
16 S 251 ZF TYPE CAR.
M080- 6109 EATON TYPE CAR.
M090- G-125/G-135/G-155/G-180
G-200/G-210/G-221/G-240
G-255/G-260 MERCEDES TYPE CAR.
M100 SR R 1000 / 1400 / 1700 / 1900
2000 / SRO 2400 VOLVO TYPE CAR.

K- KARDAN MILLERI

GEAR PUMPS

Z - ■■■■ - ■■

UNI - 3 HOLE CONNECTION
T2 - 6 HOLE CONNECTION
ISO - 4 HOLE CONNECTION

017- 17 LT
027- 27 LT
034- 34 LT
043- 43 LT
051- 51 LT
061- 61 LT
063- 63 LT
073- 73 LT
082- 82 LT
087- 87 LT
109- 109 LT
133- 133 LT

5- 30 SERIE - 4-5 GEAR MODUL
7- 40 SERIE - 6 GEAR MODUL

Q-GEAR ACOPLED
F-AQUIPLE VALVE
V-AQUIPLE VACUUM VALVE
QW-AQUIPLE PNEUMATIQUE VALVE
W-SHAFT CONNECTION
WP-SHAFT CON. PNEUMATIC VALVE

Z- GEAR PUMP

VALVES

V - ■■■■

01-OUTLET 1"
02-OUTLET 3/4"
03-VACUUM 3/4"

S- MONTAGE ON SYSTEM
D- MONTAGER ON TANK
1500- LIMITER

V- VALVES

PNEUMATIC EQUIPMENTS

A - ■■■■

5120- PNEUMATIC CONTROL BUTTON WAY 2
5130- PNEUMATIC CONTROL BUTTON WAY 3
5140- PNEUMATIC CONTROL BUTTON WAY 4
5220- JOYSTICK DUAL DUMP LIFTING VALVE
5230- JOYSTICK TRIP DUMP LIFTING VALVE
5300- MECHANICS PTO CABLE

A- PNEUMATIC EQUIPMENT



SYSTEME DE CODAGE

PRISE DE MOUVEMENTS

G - ■■■■ - ■■■■ - ■■■■ - ■■■■

A- CON. POMPE 3 TROUS (UNI)
B- CON. POMPE 4 TROUS (ISO)
C- CON. POMPE A FRAISAGE
D- CON. POMPE A ARBRE DE TRANS.
E- CON. POMPE A COUPLAGE DE TRANS.

10- PRISE DIRECTE
20- PRISE INDIRECTE A 2 ENG.
30- MECANIQUE
40- VACUUM
50- PNEUMATIQUE

Y- CON. BOITE DE VITESSE COTE
K- CON. BOITE DE VITESSE ARRIERE

F020- ZF
F030- EATON
F040- HEMA-EATON
F050- SCANIA
F060- VOLVO
F070- IVECO
F080- RENAULT
F090- TURNER
F120- FULLER
F130- HINO
F140- MERCEDES
F150- MITSUBISHI
F160- ISUZU
F170- FOTON
F180- MACK

ADAPTEURS

H - ■■■■

2100- ADAPTEUR ISO-UNI
2200- ADAPTEUR POMPE A PISTON ISO UNI
2300- ADAPTEUR UNIVERSEL
2400- ADAPTEUR 1P1
2500- ADAPTEUR 2P1
3100- ACCOUPLEMENT DE 6"
3200- ACCOUPLEMENT DE 8"
3300- ACCOUPLEMENT DE TRANSMISSION
4100- ADAPTEUR 6X6
4200- ADAPTEUR 6X8
4300- ADAPTEUR 1P1
4400- ADAPTEUR 2P1

H- ADAPTEURS

G- PRISE DE MOUVEMENT

VERINS (CYLINDERS) ET EQUIPMENTS

L - ■■■■ - ■■■■ - ■■■■ - ■■■■

DIMENSION DE 140X3X2500
DIMENSION DE 140X3X2800
DIMENSION DE 160X3X3300
DIMENSION DE 160X3X3800
DIMENSION DE 160X4X3300
DIMENSION DE 160X4X3700
DIMENSION DE 160X4X4100
DIMENSION DE 160X4X4500
DIMENSION DE 190X4X4110
DIMENSION DE 190X4X4500
DIMENSION DE 190X5X5500
DIMENSION DE 220X5X5500
DIMENSION DE 245X5X5500

A- AXE SUPERIEUR
RESERVE INFERIEUR
B- RESERVE SUPERIEUR
RESERVE INFERIEUR
C- RESERVE SUPERIEUR
AXE INFERIEUR
E- RESERVE SUPERIEUR
RESERVE POUR AXE INF.
H- AXE SUPERIEUR
AXE INFERIEUR
HE- AXE SUPERIEUR
RESERVE POUR AXE INF.

10- VERINS
20- PAILER
30- ROULEMENT DE CYLINDRE
40- ETANCHEITE CYLINDRE

L- VERINS TELESCOPIQUE ET EQUIPMENTS

RESERVOIRES D'HUILE ET AC.

D - ■■■■ - ■■■■

AR- CON. DOS DE LA CABINE
SU- CON. SUR CHASSIS

123- 123 LT DE VOLUME
128- 128 LT DE VOLUME
146- 146 LT DE VOLUME
151- 151 LT DE VOLUME
164- 164 LT DE VOLUME
183- 183 LT DE VOLUME
201- 201 LT DE VOLUME
208- 208 LT DE VOLUME
227- 227 LT DE VOLUME
264- 264 LT DE VOLUME
273- 273 LT DE VOLUME

KP- COUVERCLE RESERVOIRE
SG- INDICATEUR DE NIVEAU
SGG- OEIL DE NIVEAU

D- RESERVOIRES D'HUILE ET AC.

DISTRIBUTEURS

V - ■■■■

01- REFOULEMENT 1"
02- REFOULEMENT 3/4"
03- 3/4" A VACUUM

S- MONTAGE SUR SYSTEME
D- MONTAGE SUR RESERVOIRE
1500- LIMITEUR DE PRESSION

V- DISTRIBUTEURS

ARBRES DE CARDAN

K - ■■■■ - ■■■■

R- AVEC ROTARDE

M010- 9 S 75[13,16] TYPE ZF
M020- 16 S 109[13,31/13,41/13,43]
9 S 109[12,91] TYPE ZF
M030- 8 S 109[11,35]
9 S 109[12,92]
16 S 109[13,30-13,42] TYPE ZF
M040- 8 S 109 [13,53]
9 S 109 [10,24-10,25]
16 S 109[13,53-11,86] TYPE ZF
M050- 16 S 130[14,29-17,28-17,06-13,80]
16 S 160[14,29-17,28-17,06-13,80]
M060- 16 S 151
16 S 221
16 S 251 TYPE ZF
M080- 6109 TYPE EATON
M090- G-125/G-135/G-155/G-180
G-200/G-210/G-221/G-240
G-255/G-260 TYPE MERCEDES
M100 SR R 1000 / 1400 / 1700 / 1900
2000 / SRO 2400 TYPE VOLVO

K- AXE DE CARDAN

POMPE A ENGRENAGE

Z - ■■■■ - ■■■■ - ■■■■

UNI - CON. 3 TROUS
T2 - CON. 6 TROUS
ISO - CON. 4 TROUS

017- DEBIT DE 17 LT
027- DEBIT DE 27 LT
034- DEBIT DE 34 LT
043- DEBIT DE 43 LT
051- DEBIT DE 51 LT
061- DEBIT DE 61 LT
063- DEBIT DE 63 LT
073- DEBIT DE 73 LT
082- DEBIT DE 82 LT
087- DEBIT DE 87 LT
109- DEBIT DE 109 LT
133- DEBIT DE 133 LT

5- SERIE DE 30 - ENGR. 4-5 MODULE
7- SERIE DE 40 - ENGR. 6 MODULE

Q-ENGRENAGE ACCOUPLE
F-VALVE MECANIQUE
V-VALVE VACUUM
QW-VANNE PNEUMATIQUE ACCOUPLE
W-TRANSMISSION
WP-TRANSMISSION A VANNE PNEUMATIQUE

Z- POMPE A ENGRENAGE

EQUIPEMENTS PNEUMATIQUE

A - ■■■■

5120- COMMANDE PNEU. 2 POSITIONS
5130- COMMANDE PNEU. 3 POSITIONS
5140- COMMANDE PNEU. 4 POSITIONS
5220- JOYSTICK PNEU. 2 POSITIONS
5230- JOYSTICK PNEU. 3 POSITIONS
5300- CABLE D'ACTIVATION DE PRISE DE MOU.

A- EQUIPEMENTS PNEUMATIQUE

POMPES A PISTON

P - ■■■■ - ■■■■

017- 17 LT
027- 27 LT
035- 35 LT
045- 45 LT
060- 60 LT
080- 80 LT
100- 100 LT

01- CON. ISO
02- DOUBLE REFOU.
03- CON. UNI

6- 6 PISTONS
9- 9 PISTONS

P- POMPE A PISTONS

PİSTONLU POMPALAR
PISTON PUMPS
POMPES A PISTON





PİSTONLU POMPALAR

PISTON PUMPS

POMPES A PISTON

PİSTONLU HİDROLİK POMPA
PISTON HYDRAULIC PUMP
POMPE HYDRAULIQUE A PISTONS

P-6060-01



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

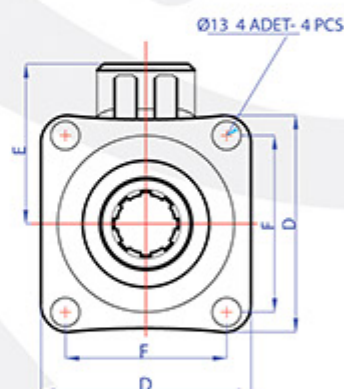
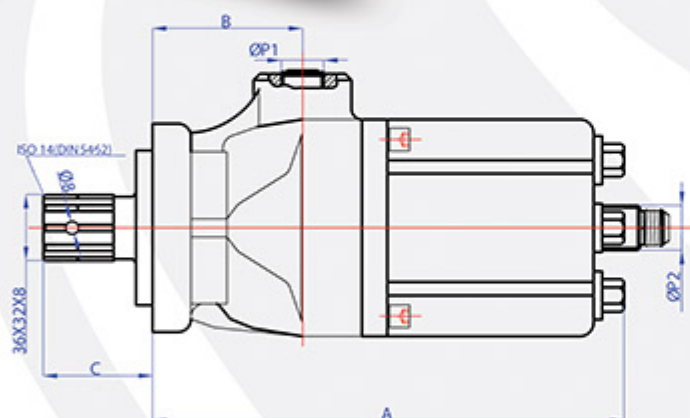
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ ve Sol
Right & Left
Droite & Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Debit / Débit 1000 ddk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devri Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poids
P-6060-01	55 Lt	235 Bar	300 Bar	1300	1500	14.73
P-6045-01	45 Lt	250 Bar	300 Bar	1300	1500	14.68
P-6035-01	35 Lt	250 Bar	300 Bar	1300	1500	14.63
P-6027-01	27 Lt	250 Bar	300 Bar	1300	1500	14.58
P-6017-01	17 Lt	250 Bar	300 Bar	1300	1500	14.53

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
P-6060-01	247	86	53	102	75	80	G 1 1/4"	1 1/6"
P-6045-01	247	86	53	102	75	80	G 1 1/4"	1 1/6"
P-6035-01	247	86	53	102	75	80	G 1 1/4"	1 1/6"
P-6027-01	247	86	53	102	75	80	G 1 1/4"	1 1/6"
P-6017-01	247	86	53	102	75	80	G 1 1/4"	1 1/6"

PİSTONLU POMPALAR

PISTON PUMPS

POMPES A PISTON

PİSTONLU HİDROLİK POMPA
PISTON HYDRAULIC PUMP
POMPE HYDRAULIQUE A PISTONS

P-6060-02



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

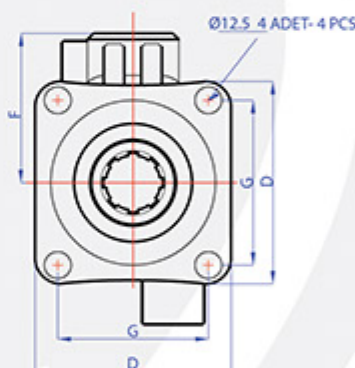
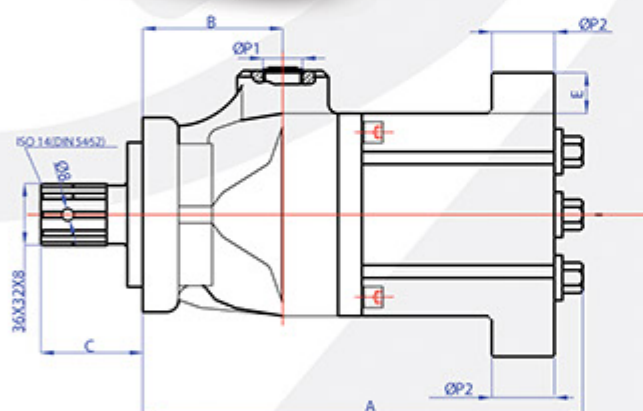
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ ve Sol
Right & Left
Droite & Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Debit / Débit 1000 d.k. / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poids
P-6060-02	55 Lt	235 Bar	300 Bar	1300	1500	13.13
P-6045-02	45 Lt	250 Bar	300 Bar	1300	1500	13.08
P-6035-02	35 Lt	250 Bar	300 Bar	1300	1500	13.03
P-6027-02	27 Lt	250 Bar	300 Bar	1300	1500	12.98
P-6017-02	17 Lt	250 Bar	300 Bar	1300	1500	12.93

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
P-6060-02	247	86	53	102	20	75	80	G 1 1/4"	M 22x15
P-6045-02	247	86	53	102	20	75	80	G 1 1/4"	M 22x15
P-6035-02	247	86	53	102	20	75	80	G 1 1/4"	M 22x15
P-6027-02	247	86	53	102	20	75	80	G 1 1/4"	M 22x15
P-6017-02	247	86	53	102	20	75	80	G 1 1/4"	M 22x15



PİSTONLU POMPALAR

PISTON PUMPS

POMPES A PISTON

PİSTONLU HİDROLİK POMPA
PISTON HYDRAULIC PUMP
POMPE HYDRAULIQUE A PISTONS

P-6060-03



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

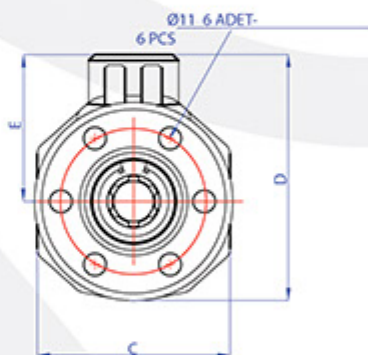
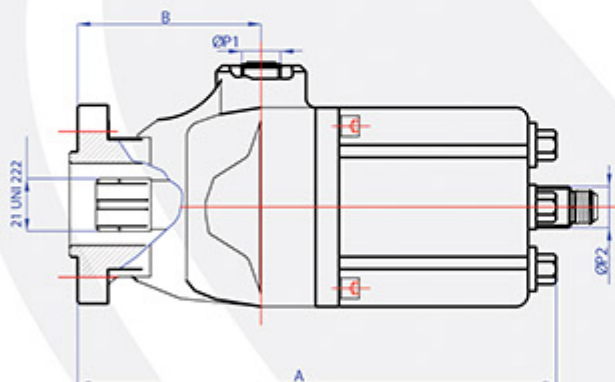
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ ve Sol
Right & Left
Droite & Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deby / Débit 1000 d/dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M. - Tr/Min.	Maksimum Devri Maximum Revolution Puissance Maximum D/Dak. R/M. - Tr/Min.	Ağırlık Weight Poid
P-6060-03	55 Lt	235 Bar	300 Bar	1300	1500	14.93
P-6045-03	45 Lt	250 Bar	300 Bar	1300	1500	14.88
P-6035-03	35 Lt	250 Bar	300 Bar	1300	1500	14.83
P-6027-03	27 Lt	250 Bar	300 Bar	1300	1500	14.78
P-6017-03	17 Lt	250 Bar	300 Bar	1300	1500	14.73

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
P-6060-03	247	86	102	131	75	G 1 1/4"	1 1/6"
P-6045-03	247	86	102	131	75	G 1 1/4"	1 1/6"
P-6035-03	247	86	102	131	75	G 1 1/4"	1 1/6"
P-6027-03	247	86	102	131	75	G 1 1/4"	1 1/6"
P-6017-03	247	86	102	131	75	G 1 1/4"	1 1/6"

PİSTONLU POMPALAR

PISTON PUMPS

POMPES A PISTON

PİSTONLU HİDROLİK POMPA
PISTON HYDRAULIC PUMP
POMPE HYDRAULIQUE A PISTONS

P-9100-01



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

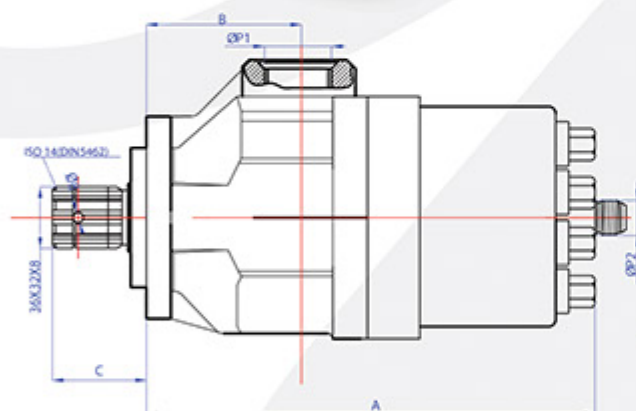
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ ve Sol
Right & Left
Droite & Gauche





PİSTONLU POMPALAR

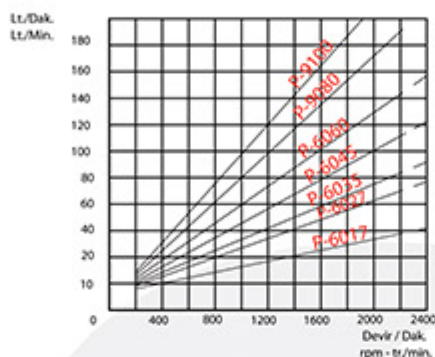
PISTON PUMPS

POMPES A PISTON

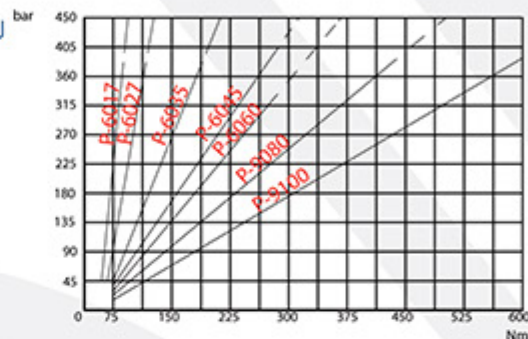
PERFORMANS EĞRİLERİ
PERFORMANCE CURVES
GRAPHIQUES DE PERFORMANCE

KAPASİTE
CAPACITY
CAPACITE

P-9100
P-9080
P-6060
P-6045
P-6035
P-6027
P-6017

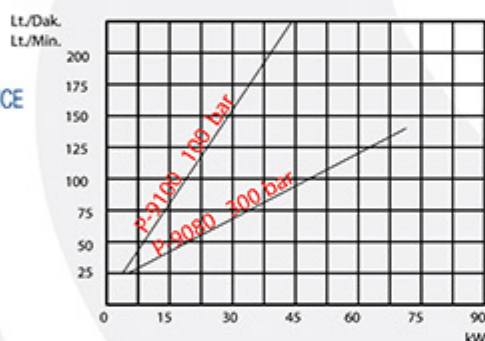


TAHRİK TORKU
DRIVE
TORQUE

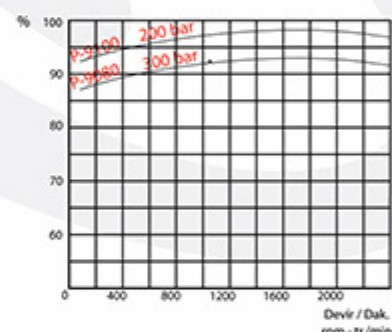


GÜÇ GİRİŞİ
POWER INPUT
ENTREE PUISSANCE

P-9100
P-9080

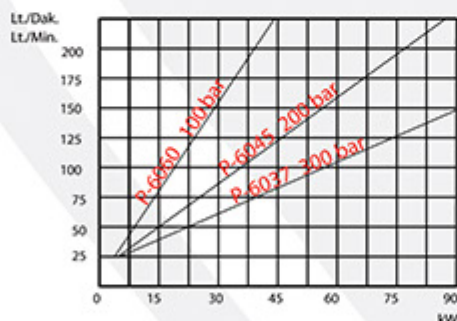


HACİM VERİMLİLİĞİ
VOLUMETRIC EFFICIENCY
RENDEMENT VOLUMETRIQUE

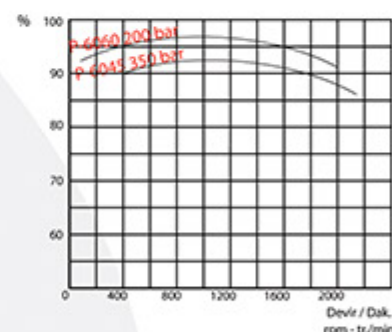


GÜÇ GİRİŞİ
POWER INPUT
ENTREE PUISSANCE

P-6060
P-6045
P-6035

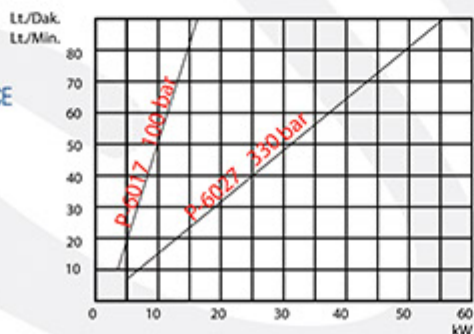


HACİM VERİMLİLİĞİ
VOLUMETRIC EFFICIENCY
RENDEMENT VOLUMETRIQUE

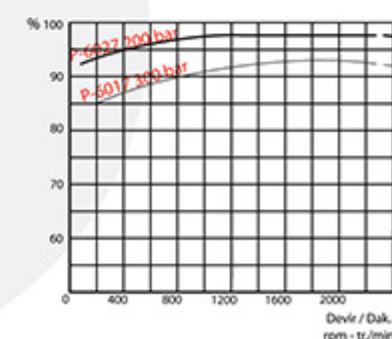


GÜÇ GİRİŞİ
POWER INPUT
ENTREE PUISSANCE

P-6027
P-6017



HACİM VERİMLİLİĞİ
VOLUMETRIC EFFICIENCY
RENDEMENT VOLUMETRIQUE



DİŞLİ POMPALAR
GEAR PUMPS
POMPES A ENGRENAGE





DİŞLİ POMPALAR GEAR PUMPS POMPES A ENGRENAGE

30 SERİSİ UNİ TİP DİŞLİ POMPA
30 SERIES UNI TYPE GEAR PUMP
SERIE DE 30 TYPE UNI

Z-Q-5082-T1



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

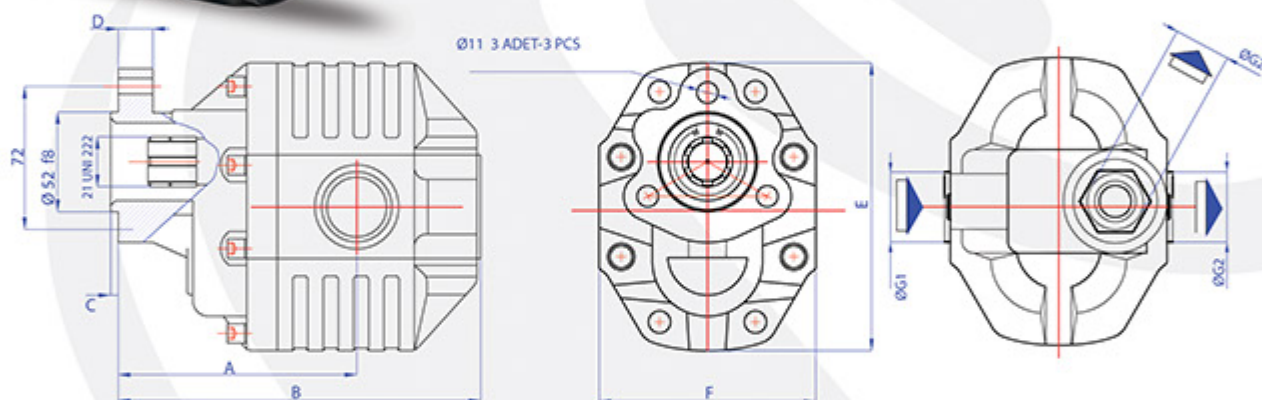
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deby / Débit 1000 d/dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poids
Z-Q-5017-T1	17	305 Bar (Max)	330 Bar (Max)	1500	2000	920 Kg
Z-Q-5027-T1	27	295 Bar (Max)	330 Bar (Max)	1500	2000	970 Kg
Z-Q-5034-T1	34	290 Bar (Max)	315 Bar (Max)	1500	2000	1020 Kg
Z-Q-5043-T1	43	270 Bar (Max)	295 Bar (Max)	1500	2000	1070 Kg
Z-Q-5051-T1	51	230 Bar (Max)	255 Bar (Max)	1500	2000	1120 Kg
Z-Q-5061-T1	61	210 Bar (Max)	230 Bar (Max)	1500	2000	1170 Kg
Z-Q-5082-T1	82	200 Bar (Max)	220 Bar (Max)	1500	2000	1230 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-Q-5017-T1	100	158	4	17	151	117	G 3/4"	G 1/2"
Z-Q-5027-T1	103	164	4	17	151	117	G 3/4"	G 1/2"
Z-Q-5034-T1	100	167	4	17	151	117	G 3/4"	G 1/2"
Z-Q-5043-T1	105	174	4	17	151	117	G 1"	G 3/4"
Z-Q-5051-T1	110	178	4	17	151	117	G 1"	G 3/4"
Z-Q-5061-T1	115	185	4	17	151	117	G 1"	G 3/4"
Z-Q-5082-T1	127	198	4	17	151	117	G 1/4"	G 1"

DIŞLİ POMPALAR

GEAR PUMPS

POMPES A ENGRENAGE

30 SERİSİ T2 TİP DIŞLİ POMPA
30 SERIES T2 TYPE GEAR PUMP
SERIE DE 30 TYPE T2

Z-Q-5082-T2



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

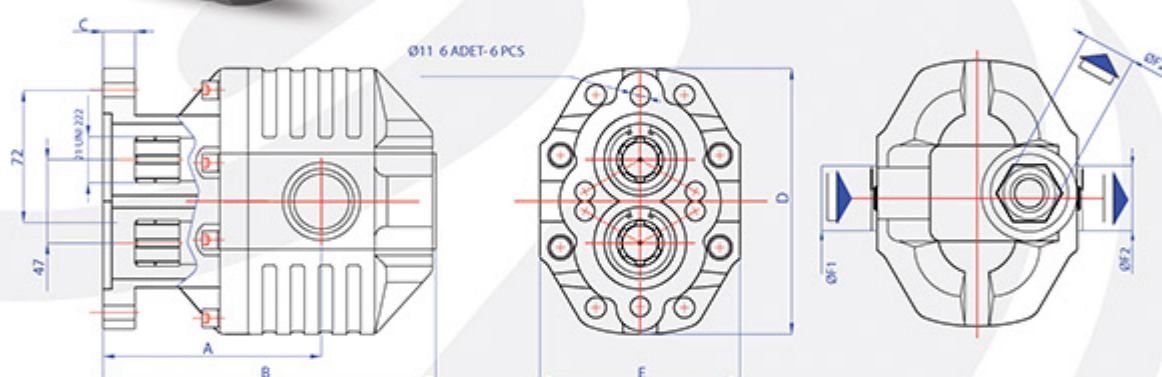
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deby / Débit 1000 d.dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak R/M - Tr/Min.	Ağırlık Weight Poids
Z-Q-5017-T2	17	305 Bar (Max)	330 Bar (Max)	1500	2000	9.70 Kg
Z-Q-5027-T2	27	295 Bar (Max)	330 Bar (Max)	1500	2000	10.40 Kg
Z-Q-5034-T2	34	290 Bar (Max)	315 Bar (Max)	1500	2000	10.70 Kg
Z-Q-5043-T2	43	270 Bar (Max)	295 Bar (Max)	1500	2000	11.40 Kg
Z-Q-5051-T2	51	230 Bar (Max)	255 Bar (Max)	1500	2000	11.70 Kg
Z-Q-5061-T2	61	210 Bar (Max)	230 Bar (Max)	1500	2000	12.00 Kg
Z-Q-5082-T2	82	200 Bar (Max)	220 Bar (Max)	1500	2000	12.70 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-Q-5017-T2	100	158	17	151	117	G 3/4"	G 1/2"
Z-Q-5027-T2	103	164	17	151	117	G 3/4"	G 1/2"
Z-Q-5034-T2	100	167	17	151	117	G 3/4"	G 1/2"
Z-Q-5043-T2	105	174	17	151	117	G 1"	G 3/4"
Z-Q-5051-T2	110	178	17	151	117	G 1"	G 3/4"
Z-Q-5061-T2	115	185	17	151	117	G1"	G 3/4"
Z-Q-5082-T2	127	198	17	151	117	G1 1/4"	1"



DİŞLİ POMPALAR GEAR PUMPS POMPES A ENGRENAGE

30 SERİSİ İSO TİP DİŞLİ POMPA
30 SERIES ISO TYPE GEAR PUMP
SERIE DE 30 TYPE ISO

Z-Q-5082-ISO

Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

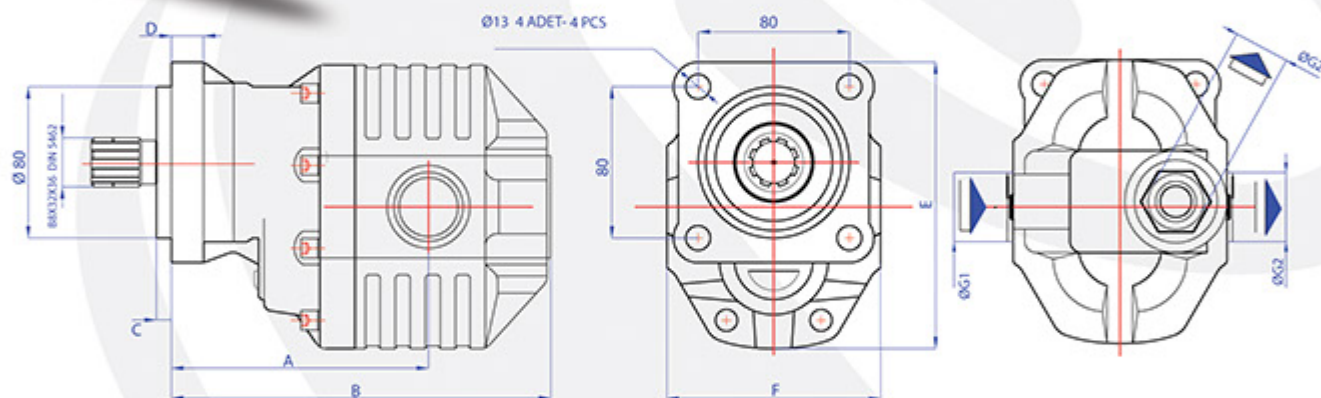
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deby / Débit 1000 d/dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M. - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M. - Tr/Min.	Ağırlık Weight Poid
Z-Q-5017-ISO	17	305 Bar (Max)	330 Bar (Max)	1500	2000	1110 Kg
Z-Q-5027-ISO	27	295 Bar (Max)	330 Bar (Max)	1500	2000	1160 Kg
Z-Q-5034-ISO	34	290 Bar (Max)	315 Bar (Max)	1500	2000	1210 Kg
Z-Q-5043-ISO	43	270 Bar (Max)	295 Bar (Max)	1500	2000	1260 Kg
Z-Q-5051-ISO	51	230 Bar (Max)	255 Bar (Max)	1500	2000	1310 Kg
Z-Q-5061-ISO	61	210 Bar (Max)	230 Bar (Max)	1500	2000	1360 Kg
Z-Q-5082-ISO	82	200 Bar (Max)	220 Bar (Max)	1500	2000	1440 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-Q-5017-ISO	112	170	8	17	151	117	G 3/4"	G 1/2"
Z-Q-5027-ISO	115	176	8	17	151	117	G 3/4"	G 1/2"
Z-Q-5034-ISO	112	179	8	17	151	117	G 3/4"	G 1/2"
Z-Q-5043-ISO	117	187	8	17	151	117	G 1"	G 3/4"
Z-Q-5051-ISO	122	190	8	17	151	117	G 1"	G 3/4"
Z-Q-5061-ISO	127	197	8	17	151	117	G 1"	G 3/4"
Z-Q-5082-ISO	139	210	8	17	151	117	G1 1/4"	1"

DİŞLİ POMPALAR

GEAR PUMPS

POMPES A ENGRENAGE

UNI TİP BAĞLANTILI PNÖMATİK VANALI DİŞLİ POMPA
UNI TYPE CONNECTION PNEUMATIC VALVE GEAR PUMPS
POMPES A ENGRENAGE A TYPE DE CONNECTION UNI A VALVE PNEUMATIQUE

Z-QW-5082-T1



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

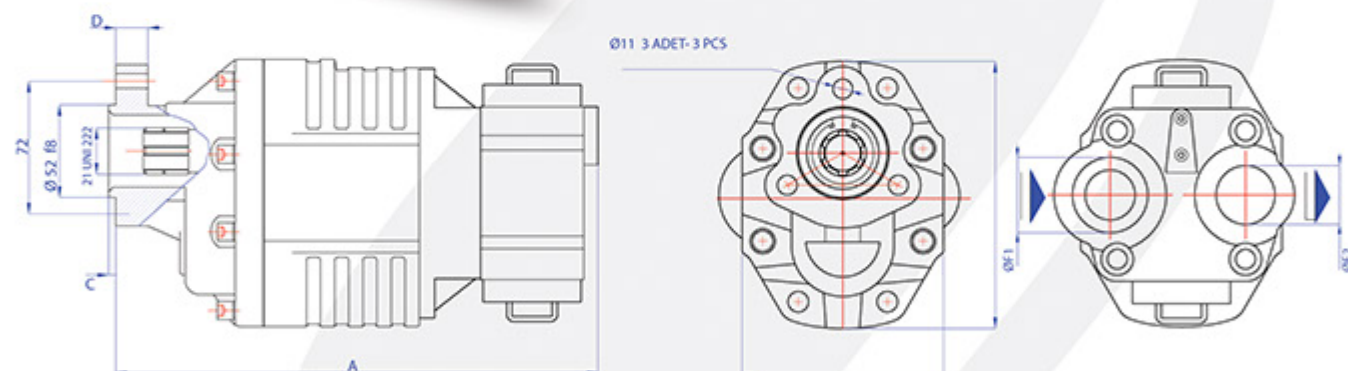
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Debit / Débit 1000 d.k / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poid
Z-QW-5082-T1	82	200 Bar (Max)	220 Bar (Max)	1500	2000	1523 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-QW-5082-T1	262	17	4	151	117	G1 1/4"	1"



DİŞLİ POMPALAR GEAR PUMPS POMPES A ENGRENAGE

T2 TİP BAĞLANTILI PNÖMATİK VANALI DİŞLİ POMPA
T2 TYPE CONNECTION PNEUMATIC VALVE GEAR PUMPS
POMPES A ENGRENAGE A TYPE DE CONNECTION T2 A VALVE PNEUMATIQUE

Z-QW-5082-T2

Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

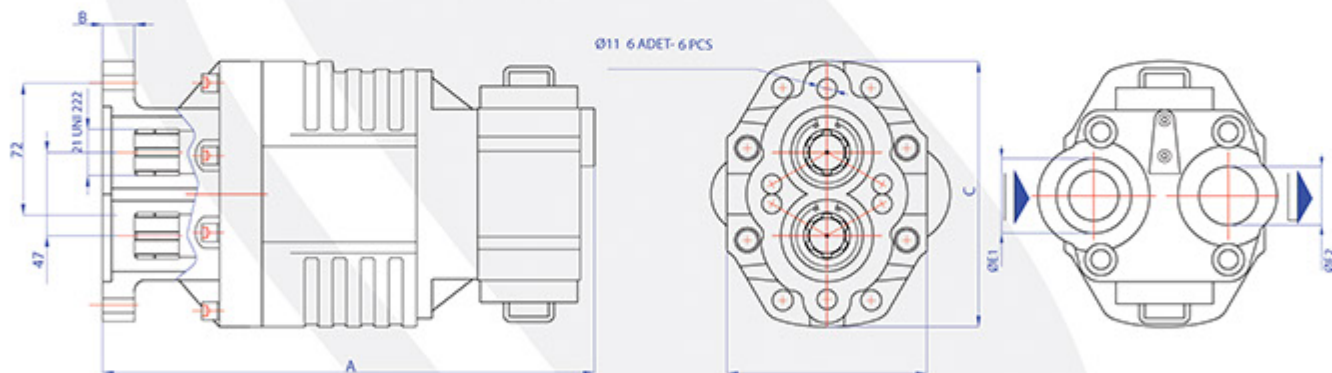
Çalışma Sıcaklığı
Working Temperature
Température d'opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Debit / Débit 1000 d.dk / Rpm l / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poid
Z-QW-5082-T2	82	200 Bar (Max)	220 Bar (Max)	1500	2000	1625 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	Ø P1 Giriş Inlet / Aspiration	Ø P2 Çıkış Outlet / Sortie
Z-QW-5082-T2	262	17	151	117	G1 1/4"	1"

DIŞLİ POMPALAR

GEAR PUMPS

POMPES A ENGRENAGE

ISO TIP BAĞLANTILI PNÖMATİK VANALI DIŞLİ POMPA
ISO TYPE CONNECTION PNEUMATIC VALVE GEAR PUMPS
POMPES A ENGRENAGE A TYPE DE CONNECTION ISO A VALVE PNEUMATIQUE

Z-QW-5082-ISO



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

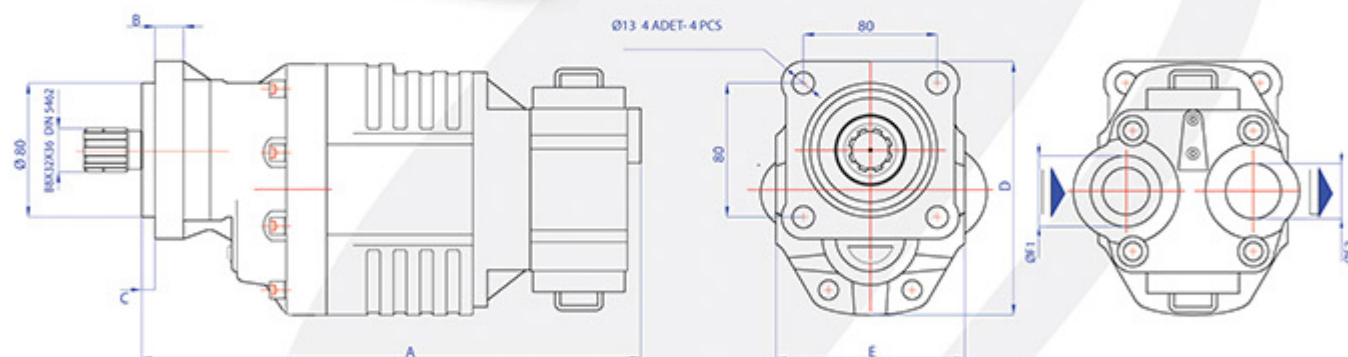
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Debit / Débit 1000 d/dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poid
Z-QW-5082-ISO	82	200 Bar (Max)	220 Bar (Max)	1500	2000	16.14 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-QW-5082-ISO	275	17	8	151	117	G1 1/4"	1"



DİŞLİ POMPALAR GEAR PUMPS POMPES A ENGRENAGE

30 SERİSİ MEKANİK VANALI T1 TİP DİŞLİ POMPA
30 SERIES T1 GEAR PUMP MECHANIC VALVE
POMPE A ENGRENAGE SERIE DE 30 TYPE T1 A VALVE MECANIQUE

Z-F-5061-T1



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

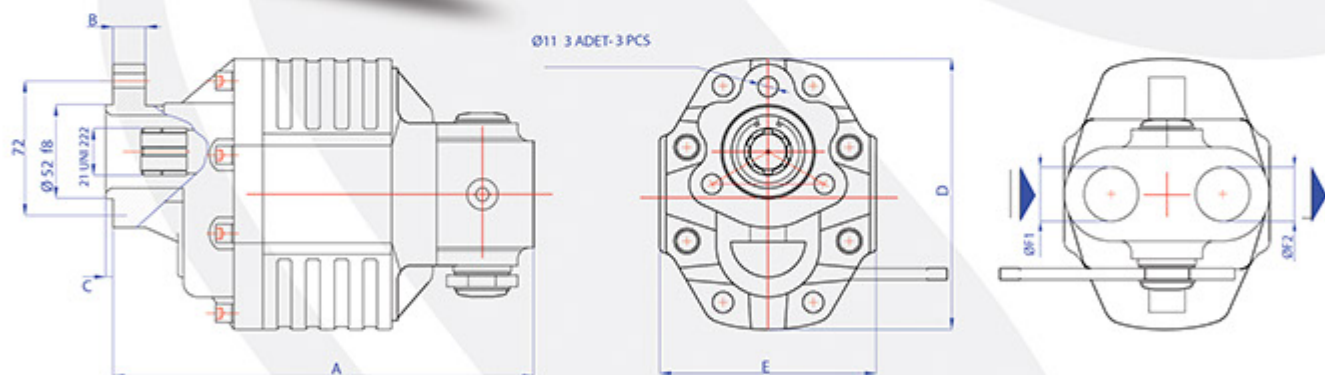
cST15
cST35

Çalışma Sıcaklığı
Working Temperature
Température d'Opération

-10 °C
+80 °C

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deby / Débit 1000 d.dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poid
Z-F-5043-T1	43	270 Bar (Max)	295 Bar (Max)	1500	2000	12.60 Kg
Z-F-5051-T1	51	230 Bar (Max)	255 Bar (Max)	1500	2000	13.10 Kg
Z-F-5061-T1	61	210 Bar (Max)	230 Bar (Max)	1500	2000	13.60 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Ø P1 Giriş Inlet / Aspiration	Ø P2 Çıkış Outlet / Sortie
Z-F-5043-T1	219	17	4	151	117	G 1"	G 1"
Z-F-5051-T1	222	17	4	151	117	G 1"	G 1"
Z-F-5061-T1	230	17	4	151	117	G 1"	G 1"

DIŞLİ POMPALAR

GEAR PUMPS

POMPES A ENGRENAGE

30 SERİSİ VAKUM VANALI T1 TIP DIŞLİ POMPA
30/ SERIES T1 TYPE GEAR PUMP VALVE VACUUM
POMPE A ENGRENAGE DE 30 SERIE TYPE T1 A VALVE ASPIRATION

Z-V-5061-T1



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

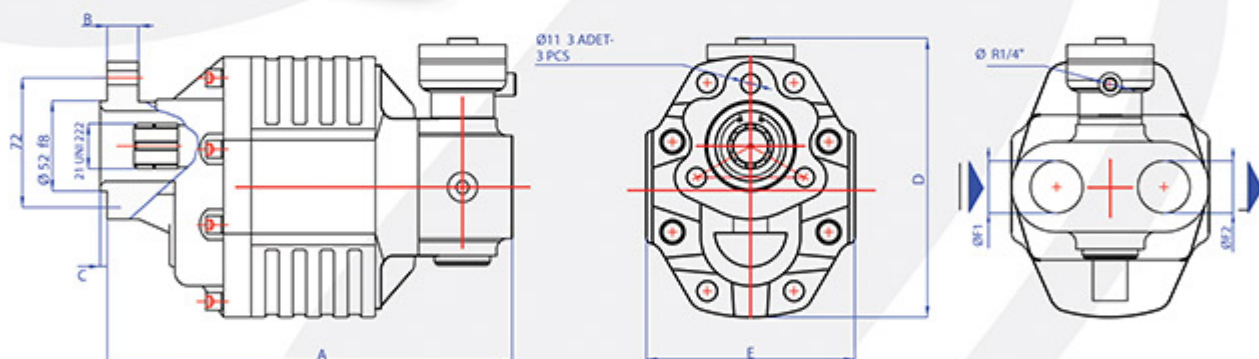
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Débit / Débit 1000 d/dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devri Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poids
Z-V-5043-T1	43	270 Bar (Max)	295 Bar (Max)	1500	2000	1280 Kg
Z-V-5051-T1	51	230 Bar (Max)	255 Bar (Max)	1500	2000	1330 Kg
Z-V-5061-T1	61	210 Bar (Max)	230 Bar (Max)	1500	2000	1380 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-V-5043-T1	219	17	3	156	117	G 1"	G 1"
Z-V-5051-T1	222	17	3	156	117	G 1"	G 1"
Z-V-5061-T1	230	17	3	156	117	G 1"	G 1"



DİŞLİ POMPALAR GEAR PUMPS POMPES A ENGRENAGE

40 SERİSİ T1 TİP BAĞLANTILI DİŞLİ POMPA
40 SERIES T1 GEAR PUMP AQUIPLE VALVE
POMPE A ENGRENAGE SERIE DE 40 TYPE DE CONNECTION T1

Z-Q-7087-T1



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

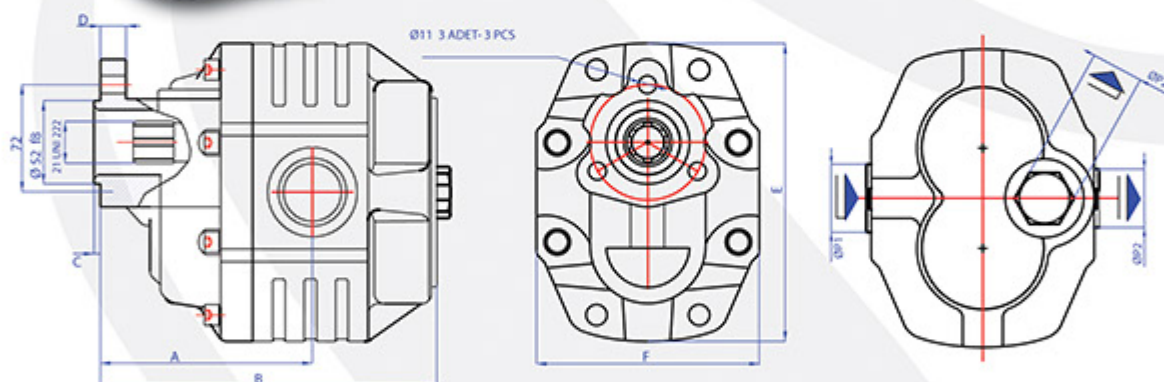
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deb / Débit 1000 d.dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dek. R/M. - Tr/Min.	Maksimum Devri Maximum Revolution Puissance Maximum D/Dek. R/M. - Tr/Min.	Ağırlık Weight Poid
Z-Q-7063-T1	63	290 Bar (Max)	315 Bar (Max)	1500	2000	17.60 Kg
Z-Q-7073-T1	73	285 Bar (Max)	305 Bar (Max)	1500	2000	18.00 Kg
Z-Q-7087-T1	87	255 Bar (Max)	290 Bar (Max)	1500	2000	18.50 Kg
Z-Q-7109-T1	109	235 Bar (Max)	270 Bar (Max)	1500	2000	19.50 Kg
Z-Q-7133-T1	133	215 Bar (Max)	250 Bar (Max)	1500	2000	21.00 Kg
Z-Q-7151-T1	151	175 Bar (Max)	220 Bar (Max)	1500	2000	21.50 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-Q-7063-T1	136	192	4	17	185	150	G 1"	G 3/4"
Z-Q-7073-T1	138	197	4	17	185	150	G 1"	G 3/4"
Z-Q-7087-T1	141	200	4	17	185	150	G1 1/4"	G 1"
Z-Q-7109-T1	149	208	4	17	185	150	G1 1/4"	G 1"
Z-Q-7133-T1	155	214	4	17	185	150	G1 1/4"	G 1"
Z-Q-7151-T1	163	221	4	17	185	150	G1 1/4"	G 1"

DIŞLİ POMPALAR

GEAR PUMPS

POMPES A ENGRENAGE

40 SERİSİ ISO TİP BAĞLANTILI DIŞLİ POMPA
40 SERIES ISO TYPE CONNECTION GEAR PUMP
SERIE DE 40 TYPE DE CONNECTION ISO

Z-Q-7087-ISO



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

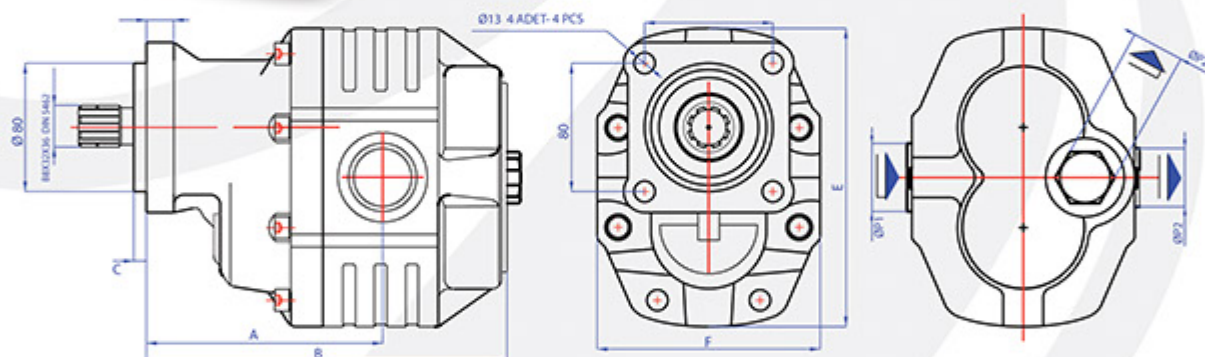
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ veya Sol
Right or Left
Droite ou Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Debby / Débit 1000 d.dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M - Tr/Min.	Ağırlık Weight Poids
Z-Q-7063-ISO	63	290 Bar (Max)	315 Bar (Max)	1500	2000	19.80 Kg
Z-Q-7073-ISO	73	285 Bar (Max)	305 Bar (Max)	1500	2000	20.20 Kg
Z-Q-7087-ISO	87	255 Bar (Max)	290 Bar (Max)	1500	2000	20.70 Kg
Z-Q-7109-ISO	109	235 Bar (Max)	270 Bar (Max)	1500	2000	21.90 Kg
Z-Q-7133-ISO	133	215 Bar (Max)	250 Bar (Max)	1500	2000	23.20 Kg
Z-Q-7151-ISO	151	175 Bar (Max)	220 Bar (Max)	1500	2000	23.70 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-Q-7063-ISO	147	206	8	17	185	150	G 1"	G 3/4"
Z-Q-7073-ISO	150	209	8	17	185	150	G1"	G 3/4"
Z-Q-7087-ISO	153	212	8	17	185	150	G1 1/4"	G 1"
Z-Q-7109-ISO	161	220	8	17	185	150	G1 1/4"	G 1"
Z-Q-7133-ISO	167	226	8	17	185	150	G1 1/4"	G 1"
Z-Q-7151-ISO	175	233	8	17	185	150	G1 1/4"	G 1"



DİŞLİ POMPALAR GEAR PUMPS POMPES A ENGRENAGE

ŞAFT BAĞLANTILI MEKANİK VANALI DİŞLİ POMPA
SHAFT CONNECTION MECHANIC VALVE GEAR PUMP
POMPE A ENGRENAGE TYPE DE CONNECTION PAR TRANS. A VALVE MECANIQUE

Z-W-5061



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

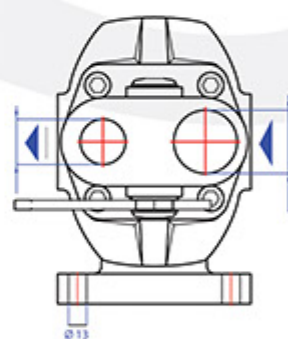
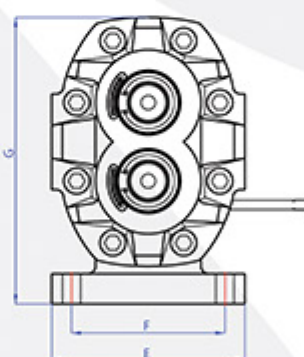
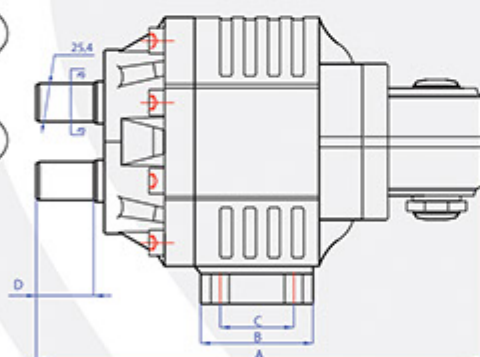
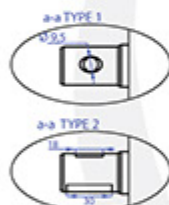
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ ve Sol
Right & Left
Droite & Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deb / Débit 1000 ddk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dek R/M - Tr/Min.	Maksimum Devri Maximum Revolution Puissance Maximum D/Dek R/M - Tr/Min.	Ağırlık Weight Poid
Z-W-5043	43	270 Bar (Max)	295 Bar (Max)	1500	2000	12.90 Kg
Z-W-5051	51	230 Bar (Max)	255 Bar (Max)	1500	2000	14.10 Kg
Z-W-5061	61	210 Bar (Max)	230 Bar (Max)	1500	2000	17.80 Kg
Z-W-5080	80	200 Bar (Max)	220 Bar (Max)	1500	2000	19.80 Kg
Z-W-5110	110	190 Bar (Max)	210 Bar (Max)	1500	2000	20.80 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-W-5043	230	50	-	37	126	100	160	G 1"	G 1"
Z-W-5051	234	50	-	37	126	100	160	G1"	G 1"
Z-W-5061	265	55	-	37	130	100	190	G1 1/4"	G 1"
Z-W-5080	274	63	40	37	130	100	190	G1 1/4"	G 1"
Z-W-5110	286	75	45	37	130	100	190	G1 1/4"	G 1"

DİŞLİ POMPALAR

GEAR PUMPS

POMPES A ENGRENAGE

PNÖMATİK VANALI ŞAFT BAĞLANTILI DİŞLİ POMPA

PNEUMATIC VALVE SHAFT CONNECTION GEAR PUMP

POMPE A ENGRENAGE A VALVE PNEUMATIQUE TYPE DE CONNECTION PAR TRANSMISSION

Z-WP-5061



Uygun Viskozite Aralığı
Optimum Viscosity Field
Viscosité Optimum Convenable

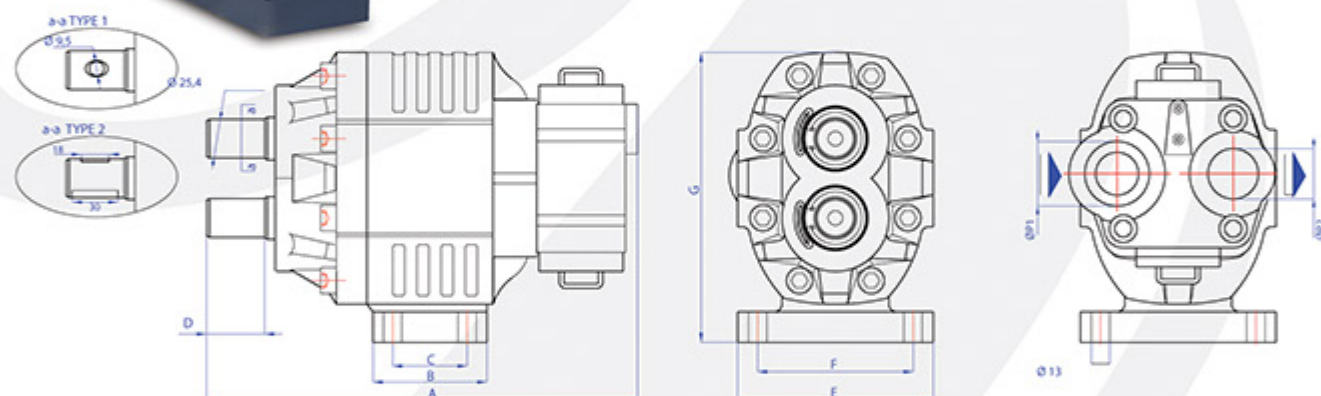
Çalışma Sıcaklığı
Working Temperature
Température d'Opération

Dönüş Yönü
Direction Of Rotation
Direction De Rotation

cST15
cST35

-10 °C
+80 °C

Sağ ve Sol
Right & Left
Droite & Gauche



TEKNİK VERİLER - TECHNICAL DATAS - DONNES TECHNIQUE

Tip - Kod Type - Code	Debi Verim Deby / Débit 1000 d.dk / Rpm Tr / Min	Çalışma Basıncı Working Pressure Pression de Travail	Test Basıncı Test Pressure Pression d'Essais	Çalışma Devri Revolution Working Puissance de Travail D/Dak. R/M. - Tr/Min.	Maksimum Devir Maximum Revolution Puissance Maximum D/Dak. R/M. - Tr/Min.	Ağırlık Weight Poid
Z-WP-5043	43	270 Bar (Max)	295 Bar (Max)	1500	2000	13.20 Kg
Z-WP-5051	51	230 Bar (Max)	255 Bar (Max)	1500	2000	14.40 Kg
Z-WP-5061	61	210 Bar (Max)	230 Bar (Max)	1500	2000	18.20 Kg
Z-WP-5080	80	200 Bar (Max)	220 Bar (Max)	1500	2000	20.20 Kg
Z-WP-5110	110	190 Bar (Max)	210 Bar (Max)	1500	2000	21.20 Kg

Tip / Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Φ P1 Giriş Inlet / Aspiration	Φ P2 Çıkış Outlet / Sortie
Z-WP-5043	222	50	-	37	126	100	160	G 1"	G 1"
Z-WP-5051	226	50	-	37	126	100	160	G1"	G 1"
Z-WP-5061	257	55	-	37	130	100	190	G1 1/4"	G 1"
Z-WP-5080	266	63	40	37	130	100	190	G1 1/4"	G 1"
Z-WP-5110	278	75	45	37	130	100	190	G1 1/4"	G 1"



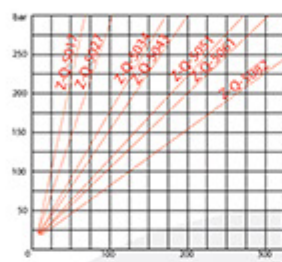
DİŞLİ POMPALAR GEAR PUMPS POMPES A ENGRENAGE

PERFORMANS EĞRİLERİ
PERFORMANCE CURVES
GRAPHIQUES DE PERFORMANCE

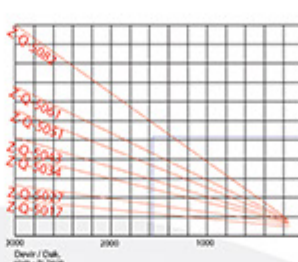
KOD / CODE
CODE

Z-Q-5017
Z-Q-5027
Z-Q-5034
Z-Q-5043
Z-Q-5051
Z-Q-5061
Z-Q-5082

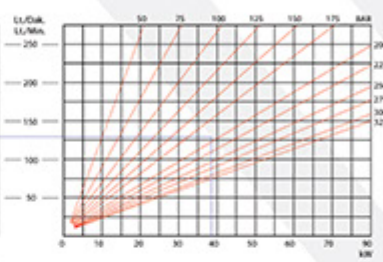
TAHRİK TORKU / DRIVE / TORQUE



KAPASİTE / CAPACITY / CAPACITE



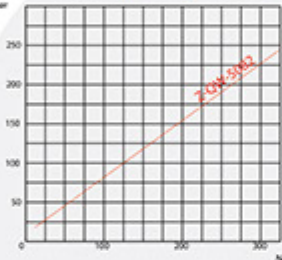
GÜÇ GİRİŞİ / POWER INPUT / ENTREE PUISSANCE



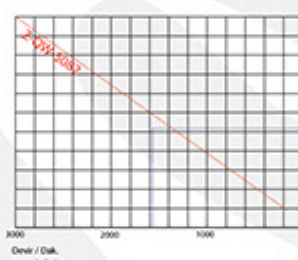
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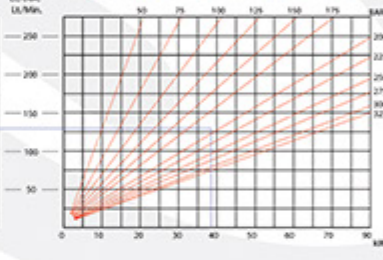
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KAPASİTE / CAPACITY / CAPACITE



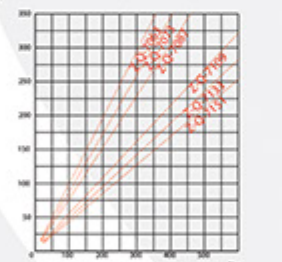
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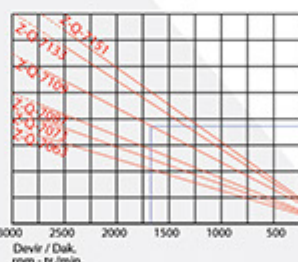
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Z-Q-7109
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Z-Q-7151

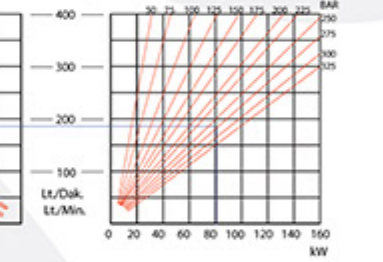
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KAPASİTE / CAPACITY / CAPACITE



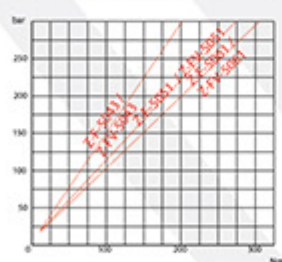
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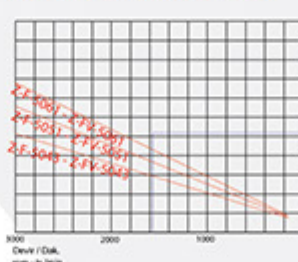
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Z-F-5061
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Z-FV-5061

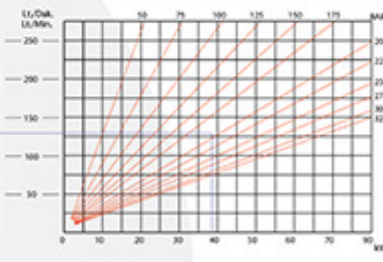
TAHRİK TORKU / DRIVE / TORQUE



KAPASİTE / CAPACITY / CAPACITE



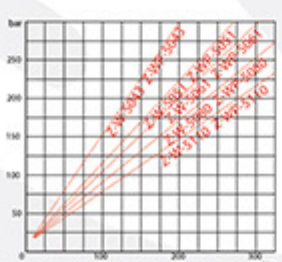
GÜÇ GİRİŞİ / POWER INPUT / ENTREE PUISSANCE



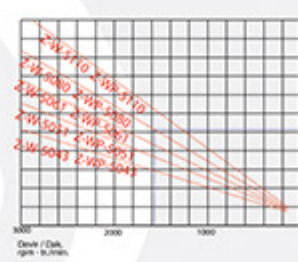
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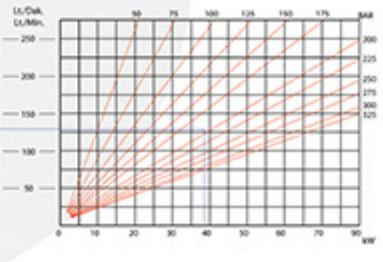
TAHRİK TORKU / DRIVE / TORQUE



KAPASİTE / CAPACITY / CAPACITE



GÜÇ GİRİŞİ / POWER INPUT / ENTREE PUISSANCE



GÜÇ AKTARMA KUTULARI
POWER TAKE OFF
PRISE DE MOUVEMENT





GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

ZF

G-F020



G-F020-01-K-10-A



G-F020-01-K-10-B

TEKNİK VERİLER
TECHNICAL DATAS - DONNÉES TECHNIQUE

ANA ŞANZİMAN
GEAR BOX - BOÎTE DE VITESSE

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE

Kod Code Code	G-F020-01-K-10
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Flate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Tek Dişli Single Thread Engrénage Seul
Tork Torq (Nm)	550 Nm
Tork Torque (Kgm)	56 Kgm
Güç Hp Power Hp Puissance Hp	34,9 Hp
Güç Kw Power Kw Puissance Kw	25,7 Kw
Devir Speed Vitesse	D / D. 450 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Kuyruktan Rear Arrière
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sağ & Sol Right & Left Droite & Gauche
Ağırlık Weight Poids	9,50 Kg

G-F020-01	9S 75 16S 109 12,91-13,31-13,41
G-F020-02	5 S 200
G-F020-03	6-70 16 S 130 - 16 S 150 16 S 160 - 16 S 190 16 S 220 S 6 65 - S 6 90
G-F020-04	6 S 300 6 S 320 6 S 321
G-F020-05	6 S 400
G-F020-06	6 S 850 44 6 S 36
G-F020-07	S 5 42
G-F020-08	9 S 109 1024-10,25 16 K 109 11,86 16 S 109 21,86 - 13,43-13,53
G-F020-09	9 S 109 12,92 - 13,30 - 13,42

BMC Fatih 270.36 BMC Profesyonel 628-827-832 FORD Cargo 32.270 - 1380 - 1830 - 2526 - 2530D 2530 R 2530 - 3227 - 3230C - 3230CD - 3230 S 3230 - 3232 - 3430D - 3530D - 3530 M - 4030 MAN 19.270 - 26.270 - 32.270 - MAZ 650133
IVECO Daily 35C11 - 35C12 - 50C11
MERCEDES 19.35 - MERCEDES 26.22 MAZ 64.226 - 54.326 MAN 26.321 - 26.281 - 26.260 MAN 22.190 - 19.281 IVECO 330.30 AN
BMC Megastar 360 PC - 400P IVECO 35C13 - 35C15 - IVECO Daily 35C15
IVECO 65C15
BMC Fatih 170.09 - 180 BMC Profesyonel 518 MAN 12.160L - 12.163 - TGL 8.180 - TGL 12.180
MAN 10.153 MERCEDES 814 - MB 700 - MB 800
ASKAM HI EX AS 19.300 - AS 26.300 AS 32.300 - AS 38.300
MAN 19.230 - 26.230 - 26.26

GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

ZF

G-F020



G-F020-01-K-20-A



G-F020-01-K-20-B

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F020-01-K-20
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Flate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torque (Nm)	295 Nm
Tork Torque (Kgm)	30 Kgm
Güç Hp Power Hp Puissance Hp	28,1 Hp
Güç Kw Power Kw Puissance Kw	20,7 Kw
Devir Speed Vitesse	D / D. 600 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Kuyuktan Rear Arrière
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sağ & Sol Right & Left Droite & Gauche
Ağırlık Weight Poids	14,00 Kg

ANA ŞANZIMAN GEAR BOX - BOÎTE DE VITESSE

G-F020-10	9 S 75
G-F020-11	16 S 151 - 16 S 152 16 S 161 00 16 S 1620 TD 16 S 1625 16 S 181 - 16 S 181 00 16 S 182 - 16 S 1820 16 S 1820 TO 16 S 192 - 16 S 192 DD 16 S 221 - 16 S 2020 16 S 222 - 16 S 2020 DD 16 S 2220 16 S 2220 TO 16 S 2320 16 S 251 16 S 252 - 16 S 252 00 16 S 2520
G-F020-12	16 S 151 IT 16 S 181 IT 16 S 2221 16 S 2521 16 T 181 IT

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

ASKAM 19.260 - 26.260 - 32.260 - AS 950 BMC Profesyonel 620 - 624 - 625 CHRYSLER 19.235 - 19.260 - 26.235 - 26.260 32.235 - 32.260 DODGE AS 19.260 - 26.260 - 26.263 - 32.235 DODGE AS 32.260 LN FORD CARGO 1824 - 2424 - 2524 HINO 19.260 - 26.200 - 32.260 MERCEDES 25.17 - 25.21 - 25.24 - 32.34	BMC Profesyonel 935 - 938 - 1142 DAF 85.360 - 85.400 - 85.410 - 85.430 85.460 - 95.430 - 95.480 - 95.530 DAF 400 - DAF 105.460 EURO 5 DAF 105.510 EURO 5 FORD Cargo 3235 S IVECO 380 E 31 - 380 E 34 - 430 - 440 E 34 IVECO Active Time AT 440 S 43 T IVECO Eurostar 390 - 430 - 440 E 52 IVECO Eurotrakker 380 E 37 IVECO Stralis AT 260 S 43 IVECO Trakker AD 380T38H - AD 410T38H KAMAZ 1260 - 4911 - 5460 - 6322 - 6460 6520 - 6522 - A3 62225 - A3 62226 MAN 18.410 - 19.420 - 19.422 - 19.423 19.430 32.310 - 32.350 - 33.372 - 33.423 39.390 - 41.420 MAN TGA 18.410 - 18.420 - 18.430 - 18.440 18.462 - 18.463 - 18.480 - 19.400 - 19.430 33.360 - 33.412 - 33.430 - 39.390 - 390 - 40.480 41.360 - 41.400 MAZ TGA 544069 RENAULT 370 - 400 - 420 - KERAX 400.34 RENAULT Premium 370.32 - 372.32 - 400 - 440	DAF 380 - 430 - 480 IVECO 380 E 37 MAN TGA 460 - TGA 18.390 - TGA 18.410 MAN 33.410 MAZ 544069 RETARDER
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GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

EATON

G-F030



G-F030-01-K-50-A



G-F030-01-K-50-B

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F030-01-K-50-A
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Flate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torq (Nm)	568 Nm
Tork Torque (Kgm)	57 Kgm
Güç Hp Power Hp Puissance Hp	39,4 Hp
Güç Kw Power Kw Puissance Kw	29 Kw
Devir Speed Vitesse	D./D. 420 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Kuyruktan Rear Arrière
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sol Left Gauche
Ağırlık Weight Poids	10,00 Kg

ANA ŞANZİMAN GEAR BOX - BOÎTE DE VITESSE

G-F030-01	FS 3105 A - FS 4105 A FS 4106 A - FS 4106 B FS 5109 A - FS 5206 A FS 5206 B - FS 5209 A FS 6309 A - FSO 5206 A
G-F030-02	475 SML X
G-F030-03	540
G-F030-04	542
G-F030-05	640 SMH
G-F030-06	6109 AV
G-F030-07	11612 - 13612 15612 - 16612 43612
G-F030-08	RTS 12316-A
G-F030-09	FS 5005 A
G-F030-10	FS 8406 A

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

BMC Fatih 200.26 BMC Profesyonel 617 IVECO Eurocargo 160 E 24 Renault 200.16 - 270 Renault Midliner Renault Midium 180.13 - 220.16
IVECO 85 12
DODGE NEW Peocess 540
Dodge AS 600 NISSAN TMH 163 - 262
BMC Fatih 200.26 Dodge AS 950
FORD Cargo 2520 L
IVECO Eurotech 440 E 42 FORD Cargo 4028
MAN 19.463 MAN SLENT
DODGE AS 950
DODGE AS 950

GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

EATON

G-F030



G-F030-11-K-50-A



G-F030-12-Y-30-A

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F030-11-K-50-A
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Flate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torque (Nm)	318 Nm
Tork Torque (Kgm)	32 Kgm
Güç Hp Power Hp Puissance Hp	63 Hp
Güç Kw Power Kw Puissance Kw	46 Kw
Devir Speed Vitesse	D./ D. 1310 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Kuyruktan Rear Arrière
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sol Left Gauche
Ağırlık Weight Poids	11,00 Kg

ANA ŞANZİMAN GEAR BOX - BOÎTE DE VITESSE

G-F030-11	6109 - 6109 B 6109 DT - 6309 A 8209 A - 8209 B 8309 A - 8309 AH
G-F030-12	FS 2305 A
G-F030-13	T 5 V 2040 T 5 V 2041 T 5 X 2071
G-F030-14	T S 6529,1
G-F030-15	T 5 V 2245 - T 5 V 2246 T 5 V 2247 - T 5 V 2248 T 5 V 2262 - T 5 V 2276 T 5 V 2292
G-F030-16	11613 - 30330 8509 A - 9509 A RT 12513 - RT 12530 RT - 14609 - RTF 11609 A RTX 6609

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

BMC Fatih 214.26 - 220.26 - 280 BMC Profesyonel 522 - 622 - 627 - 822 FORD Cargo 2621 MAN TGA 18.240
ASKAM AS 250 - CHRYSLER AS 250 DODGE AS 250
DODGE AS 250
LEYLAND
AS 200 AS 250 AS 400 AS 435
DAF 2205 - 2605 - 2805 - 2815 - 30330 MACK DM 600 S - F 785 T MACK FR 785 RS - M 897 SX MAN 19.290 - 19.320 - 30.280



GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

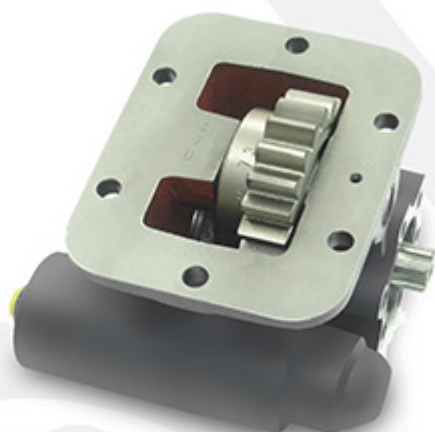
PRISE DE MOUVEMENT

HEMA-EATON

G-F040



G-F040-01-Y-50-A



G-F040-02-Y-50-A

TEKNİK VERİLER
TECHNICAL DATAS - DONNÉES TECHNIQUE

ANA ŞANZIMAN
GEAR BOX - BOÎTE DE VITESSE

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE

Kod Code Code	G-F040-01-Y-50-A
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Flate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torque (Nm)	245 Nm
Tork Torque (Kgm)	25 Kgm
Güç Hp Power Hp Puissance Hp	34 Hp
Güç Kw Power Kw Puissance Kw	25 Kw
Devir Speed Vitesse	D / D. 760 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Sol Yan Left Side De Coté Gauche
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sol Left Gauche
Ağırlık Weight Poids	11,00 Kg

G-F040-01	475 SML	BMC Fatih 105.08 BMC Fatih 110.08
G-F040-02	EATON - HEMA 570 SMS 542 SMJ	BEDFORD 25.17 BMC Fatih 162.22 - 162.25 - 170.25 - 180.25 DODGE AS 18.50 FORD Cargo 21.14
G-F040-03	475 SMA	NISSAN TMH 262 - 263 BMC Fatih 140 - 1340 DODGE AS 600 FORD Cargo 1210 - 1211 - 1312 1812 - 1814 - 2014 INTER 1740 - 1840 - KAMAZ

GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

SCANIA

G-F050



G-F050-01-Y-50-B



G-F050-03-K-50-B



TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F050-01-Y-50-B
Dişli Tipi Gear Type Type d'engrénage	Sol Helis Left Helix Hélice Gauche
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torque (Nm)	245 Nm
Tork Torque (Kgm)	25 Kgm
Güç Hp Power Hp Puissance Hp	62,5 Hp
Güç Kw Power Kw Puissance Kw	46 Kw
Devir Speed Vitesse	D / D. 1065 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Sağ Yan Right Side De Coté Droite
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sağ right Droite
Ağırlık Weight Poids	18,70 Kg

ANA ŞANZIMAN GEAR BOX - BOÎTE DE VITESSE

G-F050-01	GRS 890 GRS 900 GRS 900 R GRS 920 R
G-F050-02	GR 900 GRH 900
G-F050-03	GRS 905 R
G-F050-04	GR 870 - GR 871 GS 760 - GS 770 GS 771

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

SCANIA 124 L - SCANIA 400 - SCANIA 420
SCANIA P 124 - SCANIA R 124 - SCANIA R 164
SCANIA R 420 - SCANIA R470 - SCANIA R500

SCANIA 124 G - SCANIA 260 - SCANIA 310
SCANIA 360 - SCANIA 380 - SCANIA R 380 CB

SCANIA R 380
SCANIA R 420

SCANIA 112 - SCANIA 141 - SCANIA 142
SCANIA 143 - SCANIA 146 - SCANIA 92



GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

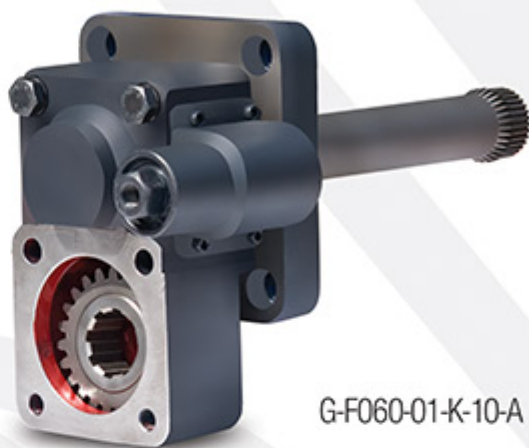
PRISE DE MOUVEMENT

VOLVO

G-F060



G-F060-01-K-20-B



G-F060-01-K-10-A

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F060-01-K-20-B
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Flate
PTO. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torque (Nm)	245 Nm
Tork Torque (Kgm)	25 Kgm
Güç Hp Power Hp Puissance Hp	31 Hp
Güç Kw Power Kw Puissance Kw	23 Kw
Devir Speed Vitesse	D / D. 923 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Kuyruktan Rear Arrière
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sol Left Gauche
Ağırlık Weight Poids	16,80 Kg

ANA ŞANZİMAN GEAR BOX - BOÎTE DE VITESSE

G-F060-01	R 1400 - R 1700 SR 1400 - SR 1700 SR 1900 - SR 2000 SRO 2400 - VT 2214
G-F060-02	R 6 - R 61 - R 62 SR 61 - SR 62
G-F060-03	GR 900 GRH 900
G-F060-04	GR 870 - GR 871 GS 760 - GS 770 GS 771
G-F060-05	GR 860
G-F060-06	R 70 - SR 70 SR 71 - SR 72
G-F060-07	GR 51 - GR 52 R 50 - R 51 R 52 - SR 52

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

VOLVO 420 - VOLVO 440 VOLVO F 10 - VOLVO FH 12 VOLVO FM 400 - VOLVO NL 12
VOLVO F7 - VOLVO F 12 - VOLVO F 88 VOLVO F 89 - VOLVO N 1027
SCANIA 124 G - SCANIA 260 SCANIA 310 - SCANIA 360 SCANIA 380 - SCANIA R 380 CB
SCANIA 112 - SCANIA 141 SCANIA 142 - SCANIA 143 SCANIA 146 - SCANIA 92
SCANIA 140 SCANIA 146
VOLVO FL 10
VOLVO FL 616 VOLVO FL 617

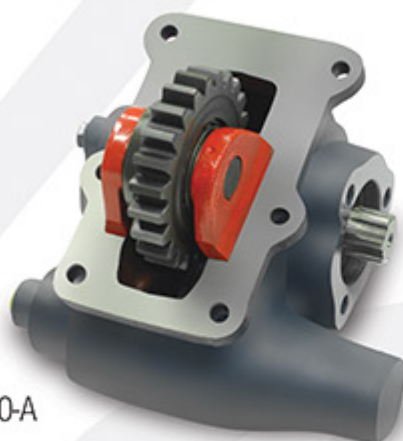
GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

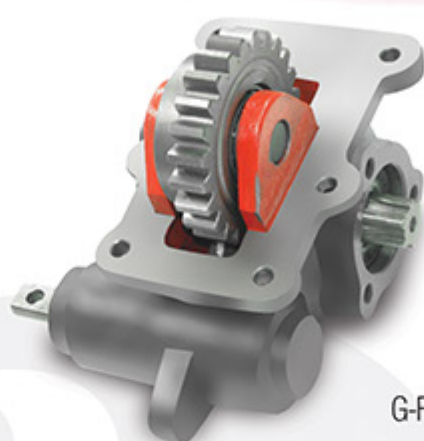
PRISE DE MOUVEMENT

IVECO

G-F070



G-F070-01-Y-50-A



G-F070-01-Y-30-A

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F070-01-Y-50-A
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Plate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torque (Nm)	156,9 Nm
Tork Torque (Kgm)	16 Kgm
Güç Hp Power Hp Puissance Hp	10,8 Hp
Güç Kw Power Kw Puissance Kw	8 Kw
Devir Speed Vitesse	D / D. 340 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Sağ Yan Right Side De Côté Droite
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sağ right Droite
Ağırlık Weight Poids	8,85 Kg

ANA ŞANZİMAN GEAR BOX - BOÎTE DE VITESSE

G-F070-01	1.128.020 - 1.128.028 1.128.031 - 1.128.128
G-F070-02	1.128.025 - 1.128.030 - 1.128.035 1.128.042 - 1.128.046 - 1.128.050 1.128.055 - 1.128.060
G-F070-03	26,28
G-F070-04	80.101.0 E 90
G-F070-05	2835.5 2838.5 2845.5 - 2845.6 2855.6
G-F070-06	2865.6 - 2865.A 2865.S
G-F070-07	2870.9
G-F070-08	2895.A - 2895.S 2895.6 - 2895.9
G-F070-09	FSO 5206 B

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

IVECO 35.9 - IVECO 65.9 - IVECO 2828.5
IVECO 85.12 FIAT 79 - FIAT 80 - FIAT 90 - FIAT 100 FIAT 110 - FIAT 130 - FIAT 150
IVECO 35.8
IVECO E 80 - IVECO E 90 - IVECO E 100 - FIAT 697
IVECO 75.14 - IVECO 100E15 - IVECO 120.14 IVECO 130E15 - IVECO 180.12 - IVECO 80.12 IVECO 80.14 - IVECO 85 E 13 - IVECO 85.14 IVECO EUROCARGO 100 E 15 IVECO EUROCARGO 100 E 18 IVECO EUROCARGO 130 E 15 IVECO EUROCARGO 85 E 13
IVECO E 150 E 18 - IVECO 150 E 21 IVECO 180 E 21 - IVECO 220 E 21
IVECO 170 E 21 - IVECO 180 E 21 - IVECO 250 E 21
IVECO 180 E 28 - IVECO 220 E 24 - IVECO 250 E 24 IVECO 250 E 25 - IVECO EUROCARGO 160 E 24 IVECO EUROCARGO 180 E 28 - IVECO MAGIRUS 150 E 28
BMC Fatih 200.26 - BMC Profesyonel 617 FORD Cargo 2520 IVECO AUROCARGO 160 E 24 RENAULT 200.16 - RENAULT 270 - RENAULT MIDLINER RENAULT MIDLIUM 220.16 - MIDLIUM 180.13



GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

RENAULT

G-F080



G-F080-01-Y-50-A



G-F080-01-Y-50-B

ANA ŞANZIMAN
GEAR BOX
BOITE DE VITESSE

G-F080-01

245087 - 52361
MPTR B 18200 42

G-F080-02

B9 - 18

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE

RENAULT 385
RENAULT 400

RENAULT

TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	Dişli Tipi Gear Type Type d'engrénage	PTO. Tipi PTO. Type Type de PTO.	Tork Torque (Nm)	Tork Torque (Kgm)	Güç Hp Power Hp Puissance Hp	Güç Kw Power Kw Puissance Kw	Devir Speed Vitesse	Bağlantı Yeri Side Mounting Placement de Montage	Kontrol Sistemi Control System Système de Contrôle	Dönüş Yönü Rotation of Direction Direction de Rotation	Ağırlık Weight Poids
G-F080-01	Sol Helis Left Helix Hélice Gauche	Çift Dişli Double Thread Engrénage Double	260 Nm	26,5 Kgm			D/D 600 Rpm Tr/Min	Yandan Side De Côté	Havai Pneumatic Pneumatique	Sol Left Gauche	21,00 Kg



G-F090-01-K-50-A

G-F090-01-Y-50-A

ANA ŞANZIMAN
GEAR BOX
BOITE DE VITESSE

G-F090-01

T 5 C 4060

G-F090-02

T 5 A 3016
T 5 A 3017

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE

BMC Fatih 145,22 - 170 - 2200
BMC Yavuz 2200
CHRYSLER AS 700 - AS 800 - AS 900
DODGE AS 700 - AS 800 - AS 900

FORD Cargo 1210
FORD Cargo 1211

TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	Dişli Tipi Gear Type Type d'engrénage	PTO. Tipi PTO. Type Type de PTO.	Tork Torque (Nm)	Tork Torque (Kgm)	Güç Hp Power Hp Puissance Hp	Güç Kw Power Kw Puissance Kw	Devir Speed Vitesse	Bağlantı Yeri Side Mounting Placement de Montage	Kontrol Sistemi Control System Système de Contrôle	Dönüş Yönü Rotation of Direction Direction de Rotation	Ağırlık Weight Poids
G-F090-01	Helis Helix Hélice	Çift Dişli Double Thread Engrénage Double	245 Nm	25 Kgm	31 Hp	23 Kw	D/D 600 Rpm Tr/Min	Yandan Side De Côté	Havai Pneumatic Pneumatique	Sağ Right Droite	13,00 Kg

GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

FULLER

G-F120



G-F120-01-Y-50-A

ANA ŞANZIMAN
GEAR BOX
BOITE DE VITESSE

G-F120-01	RT 11609
G-F120-02	RTSO 12316 A RTS 17316 A
G-F120-03	TS 12.612 A

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE

MAN 26,240 - 26,280
MAN 32,270
IVECO 720 E 37

TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	Dişli Tipi Gear Type Type d'engrénage	PTO Tipi PTO Type Type de PTO	Tork Torque (Nm)	Tork Torque (Kgm)	Güç Hp Power Hp Puissance Hp	Güç Kw Power Kw Puissance Kw	Devir Speed Vitesse	Bağlantı Yeri Side Mounting Placement de Montage	Kontrol Sistemi Control System Système de Contrôle	Dönüş Yönü Rotation of Direction Direction de Rotation	Ağırlık Weight Poids
G-F120-01	Düz Flat Plate	Çift Dişli Double Thread Engrénage Double	345 Nm	35 Kgm	54 Hp	40 Kw	810 Rpm Tr/Min	Altın Under Type Dessous	Havali Pneumatic Pneumatique	Sağ Right Droite	14,30 Kg

HINO

G-F130



G-F130-01-Y-30-A

ANA ŞANZIMAN
GEAR BOX
BOITE DE VITESSE

G-F130-01	350 5 S
G-F130-02	07 L 108 - LD 05 S LE 05 S - LH 05 S

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE

HINO
HINO

TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	Dişli Tipi Gear Type Type d'engrénage	PTO Tipi PTO Type Type de PTO	Tork Torque (Nm)	Tork Torque (Kgm)	Güç Hp Power Hp Puissance Hp	Güç Kw Power Kw Puissance Kw	Devir Speed Vitesse	Bağlantı Yeri Side Mounting Placement de Montage	Kontrol Sistemi Control System Système de Contrôle	Dönüş Yönü Rotation of Direction Direction de Rotation	Ağırlık Weight Poids
G-F130-01	Helix Helix Hélice	Çift Dişli Double Thread Engrénage Double	167 Nm	17 Kgm	20,4 Hp	15 Kw	646 Rpm Tr/Min	Sol Yan Left Yan De Côté Gauche	Mekanik Mechanical Mécanique	Sağ Right Droite	105 Kg



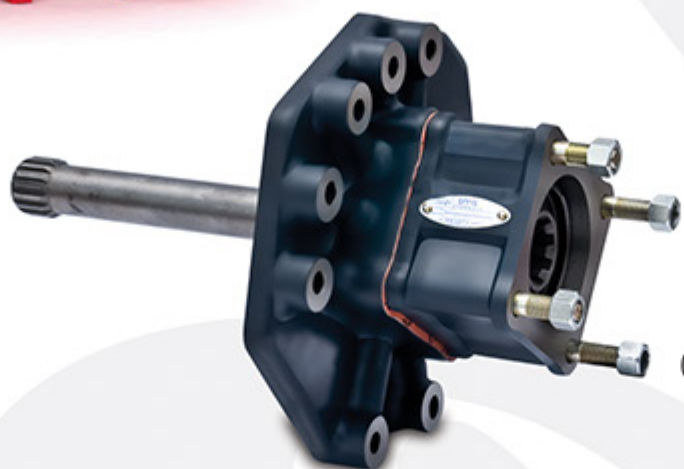
GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

MERCEDES

G-F140



G-F140-01-K-10-B

TEKNİK VERİLER
TECHNICAL DATAS - DONNÉES TECHNIQUE

ANA ŞANZIMAN
GEAR BOX - BOÎTE DE VITESSE

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE

Kod Code Code	G-F140-01-K-10-B
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Flate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Tek Dişli Single Thread Engrénage Seul
Tork Torque (Nm)	450 Nm
Tork Torque (Kgm)	46 Kgm
Güç Hp Power Hp Puissance Hp	46,1 Hp
Güç Kw Power Kw Puissance Kw	34 Kw
Devir Speed Vitesse	D / D. 540 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Kuyruktan Rear Arrière
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sağ Right Droite
Ağırlık Weight Poids	10,40 Kg

G-F140-01

G 131-9
G 211-16
G 221-9
G 240-16

MERCEDES Actros 1841 LLS - 1844 LS
1850 LS - 1854 LS - 3341 - 3344 K - 3346 K
3348 - 3350 K - 3354 S - 4040 - 4141 K
4144 K - 4146 K - 4150 K
MERCEDES Atego 1226 - 1229 - 1326 - 1526
1539
MERCEDES Axor 1823 - 1826 - 1828 K
1829 - 1833 - 1835 - 1836 - 1840 - 1843
1844 - 2523 CD - 2528 CD - 2529 - 2533
2540 - 2543 - 2628 CL - 2629 - 2633 - 2640
3028 C - 3240 - 3241 B - 3340 K - 4140 - 4141
4144 B - 4146 B

G-F140-02

G 3 36 - G 3 45
G 3 55 - G 3 60

MERCEDES 19.35 - MERCEDES 26.22
IVECO 330.30 AN - MAN 19.281 - MAN 22.190
MAN 26.260 - MAN 26.281 - MAN 26.321
MAN 54.326 - MAZ 64.226

G-F140-03

G 60-6

MERCEDES ATEGO
1018 - 1215 - 1218 - 1318 - 1517 - 1518

G-F140-04

G 155,9 - G 180,16
G 210,16

MERCEDES Actros 1844
MERCEDES Actros 1844 LL
MERCEDES Actros 1841 LS
MERCEDES Actros 1934
MERCEDES Actros 2631
MERCEDES Actros 3031
MERCEDES Actros 3232 B
MERCEDES Actros 3236 B
MERCEDES Actros 3332
MERCEDES Actros 3336

G-F140-05

G 3 50 - G 5 75
G 51302 - G 52302

MERCEDES 352
TATA

GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

MERCEDES

G-F140



G-F140-06-K-20-B



G-F140-06-K-10-B

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F140-06-K-10-B
Dişli Tipi Gear Type Type d'engrénage	Düz Flat Plate
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Tek Dişli Single Thread Engrénage Seul
Tork Torque (Nm)	440 Nm
Tork Torque (Kgm)	45 Kgm
Güç Hp Power Hp Puissance Hp	38 Hp
Güç Kw Power Kw Puissance Kw	28 Kw
Devir Speed Vitesse	D./ D. 465 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Kuyruktan Rear Arrière
Kontrol Sistemi Control System Système de Contrôle	Havali Pneumatic Pneumatique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sol Left Gauche
Ağırlık Weight Poids	6,35 Kg

ANA ŞANZİMAN GEAR BOX - BOÎTE DE VITESSE

G-F140-06	G 4 110 - G 4 65 G 4 90 - G 6 90 GV 4 110 - GVA 100 - G 4 95
G-F140-07	G 100 1 - G 100 2 G 100 9 - G 100 12 G 100 13
G-F140-09	G 56-6
G-F140-10	G 409
G-F140-11	G 309
G-F140-12	G 2-24
G-F140-13	G 3-65
G-F140-14	G 3 90

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

MERCEDES 13,17 MERCEDES 17,22 MERCEDES 2517 MERCEDES 2521 MERCEDES 2524
MERCEDES AXOR 25,23 - 25,28 - 32,28 - 32,34 - 33,28
MERCEDES ATEGO 1215 - 1517
MERCEDES BERLİYAT 230 - 310
MERCEDES 309
MERCEDES
MERCEDES
MERCEDES 2067



GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

mitsubishi

G-F150



G-F150-01-Y-30-A



G-F150-02-Y-40-A

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F150-01-Y-30-A
Dişli Tipi Gear Type Type d'engrénage	Sağ Helis Right Helix Hélice Droite
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Tek Dişli Single Thread Engrénage Seul
Tork Torque (Nm)	176 Nm
Tork Torque (Kgm)	18 Kgm
Güç Hp Power Hp Puissance Hp	21,7 Hp
Güç Kw Power Kw Puissance Kw	16 Kw
Devir Speed Vitesse	D./ D. 450 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Sol Yan Left Side De Côté Gauche
Kontrol Sistemi Control System Système de Contrôle	Mekanik Mechanical Mécanique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sağ Right Droite
Ağırlık Weight Poids	8,00 Kg

ANA ŞANZIMAN GEAR BOX - BOÎTE DE VITESSE

G-F150-01	MO 25 S 5 739	mitsubishi FE 515 - mitsubishi 519 mitsubishi 639 - mitsubishi FE 839 mitsubishi TE 635
G-F150-02	MO 35 S 5 714 722	mitsubishi 559 E - mitsubishi 699 E mitsubishi 659 F - mitsubishi 859 E mitsubishi 859 G - mitsubishi FE 635 mitsubishi FUSO FS 648 - mitsubishi 639 mitsubishi HD - HYUNDAI HD 78
G-F150-03	MO 15 S 5 733 0839	mitsubishi FE 511 mitsubishi FE 711
G-F150-04	MO 150 S 6 802	mitsubishi Dragon mitsubishi FE 215
G-F150-05	M 1 S 5 M 2 S 5 M 3 S 5 704 746	mitsubishi FE 444 - mitsubishi FE 449 HYUNDAI HD 65 - HYUNDAI HD 72 HYUNDAI HD 75 - HYUNDAI HD 72 HYUNDAI HD 75 - HYUNDAI HD 350

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

GÜÇ AKTARMA KUTULARI

POWER TAKE OFF

PRISE DE MOUVEMENT

ISUZU

G-F160



G-F160-01-Y-30-A



G-F160-02-Y-40-A

TEKNİK VERİLER TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	G-F160-01-Y-30-A
Dişli Tipi Gear Type Type d'engrénage	Sol Helis Left Helis Hélice Gauche
P.T.O. Tipi P.T.O. Type Type de P.T.O.	Çift Dişli Double Thread Engrénage Double
Tork Torque (Nm)	156,9 Nm
Tork Torque (Kgm)	17 Kgm
Güç Hp Power Hp Puissance Hp	20 Hp
Güç Kw Power Kw Puissance Kw	15 Kw
Devir Speed Vitesse	D./ D. 610 Rpm Tr / Min
Bağlantı Yeri Side Mounting Placement de Montage	Sol Yan Left Side De Coté Gauche
Kontrol Sistemi Control System Système de Contrôle	Mekanik Mechanical Mécanique
Dönüş Yönü Rotation of Direction Direction de Rotation	Sağ Right Droite
Ağırlık Weight Poids	11,00 Kg

ANA ŞANZIMAN GEAR BOX - BOÎTE DE VITESSE

G-F160-01	MOY 9 S MYT 5 T
G-F160-02	MSB 5 M MSB 5 P MSB 5 S
G-F160-03	MBP 5 P MBP 6 P
G-F160-04	MOZ 06 MZZ 6 U
G-F160-05	MSA 5 G MSA 5 P
G-F160-06	5 RW 530 MXA 5 R NXA 5 R

KULLANILAN ARAÇLAR USING VEHICLES POUR VÉHICULES DE MARQUE

ISUZU NKR Wide - ISUZU NPR ISUZU NPR 4.0 - ISUZU NPR 4.3 ISUZU NPR 66 - ISUZU NPR 71 ISUZU NQR 71 P - ISUZU NQR 75
ISUZU NKR 4.8 - ISUZU NKR 2.8 ISUZU NKR 2.7 - ISUZU NKR 55 E ISUZU NKR LOW
ISUZU NPR 4.8 - ISUZU NQR ISUZU NQR 3 D - ISUZU NQR 4.8 ISUZU NQR 70 P
ISUZU NPR 4.8 - ISUZU NQR ISUZU NQR 3 D - ISUZU NQR 304.8 DIESEL ISUZU NQR 4.8 - ISUZU NQR 70 P
ISUZU SAH 1061 KR 1 ISUZU SAH 1063 KR 1 ISUZU SAH 1065 K
ISUZU NKR WIDE - ISUZU 100 HP ISUZU NKR - ISUZU NKR 100 HP ISUZU NKR 50 - ISUZU NKR WIDE 66 ISUZU NPR 4.3 - ISUZU NPR 66 ISUZU WIDE 66



SMS HİDROLİK
SMS HYDRAULIC
SMS HYDRALIQUE



**KARDAN MİLLERİ
DAĞITICILAR, ADAPTÖRLER
VE PNÖMATİK EKİPMANLAR**
CARDAN SHAFTS, DISTRIBUTORS
ADAPTORS & PNEUMATIC EQUIPMENTS
ADAPTEURS ET EQUIPEMENTS
AXES DU CARDAN, DISTRIBUTEURS
ADAPTEURS ET EQUIPEMENTS
PNEUMATIQUE





KARDAN MİLLERİ

CARDAN SHAFTS

AXES DU CARDAN

ANA ŞANZIMAN
GEAR BOX
BOITE DE VITESSE

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VEHICULES DE MARQUE



K-M10

ZF 9 S 75 (13,16)

MERCEDES 2521 - 2524 - 3224
MERCEDES 823 - 923
BMC PRO 617 - 620 - 622 - 822
FORD Cargo 1824 - 2524 - 2524 D
FARGO 26,265 - 32,260
DAF 55,150 - 55,180 - 55,210



K-M20

ZF 9 S 109 (12,91)
ZF 16 S 109
(13,31 - 13,41 - 13,43)

MAN 32,270
BMC PRO 827 - 832
BMC Fatih 270 - 26
FORD Cargo 1830 - 3227 C - 3227 S
2527 - 4030 - 4050
BMC 270 - 280
MAN 18,360



K-M30

ZF 9 S 109 (12,92)
ZF 8 S 109 (11,35)
ZF 16 S 109
(13,30 - 13,42)

MAN 18,220 - 19,270 - 25,270
26,230 - 26,270
FORD Cargo 1827 - 2527 - 2626
DAF 75,270 - 75,300
STEYR S 18 - S 21 - S 24 - S 29 - S 31
BMC 270



K-M40

ZF 16 S 109
(10,24 - 10,25)
ZF 8 S 109 (13,53)
ZF 16 S 109
(13,53 - 11,86)

MAN 17,232 - 19,230 - 19,340 - 26,342
FORD Cargo 3226 - 2530
RENAULT Premium 32,320 - 370
ASKAM H-EX Fargo As 19,300
36,300 - 32,300
ISUZU FTR 800 - FVR 900 - FTM 1200
FVZ 1700 DAF 73,330



K-M50

ZF 16 S 130
(14,29 - 17,28
17,06 - 13,80)
ZF 16 S 160
(14,29 - 17,28
17,06 - 13,80)

MAN 16,281 - 19,280 - 19,422
SILENT 19,422 - 25,372 - 26,281
26,231 - 32,281 - 32,365 - 33,281
MERCEDES 1935 - 2228 - 2433
2624 - 2628 - 2633 - 3828 - 4028
DAF 33,300 - 95,330 - 95,400

KARDAN MİLLERİ

CARDAN SHAFTS

AXES DU CARDAN



ANA ŞANZİMAN
GEAR BOX
BOLTE DE VITESSE

KULLANILAN ARAÇLAR
USING VEHICLES
POUR VÉHICULES DE MARQUE



K-M60

ZF 16 S 151
ZF 16 S 221
ZF 16 S 251

K-M70

ZF 16 S 151
ZF 16 S 221
ZF 16 S 251
RETARDER

K-M80

EATON 6109

K-M90

MERCEDES
ACTROS

G-125
G-135
G-155
G-180
G-200
G-210
G-221
G-240
G-255
G-260

MERCEDES ACTROS

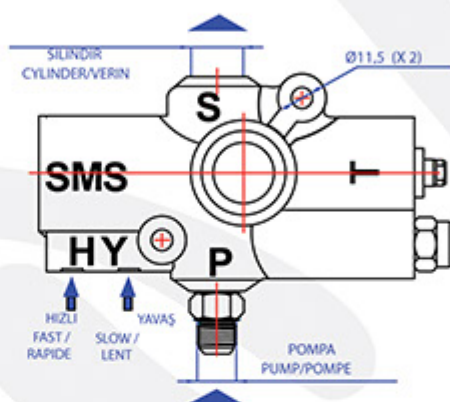
1729 - 1735 - 1827 - 1834 - 1835
1840 - 1838 - 1840 - 1844 - 1848
1850 - 1857 - 1929 - 1931 - 1934
1935 - 1938 - 1953 - 2031 - 2040
2031 - 2038 - 2044 - 2050 - 2429
2435 - 2527 - 2531 - 2534 - 2544
2550 - 2629 - 2631 - 2635 - 2643
2644 - 2650 - 2638 - 2684 - 3031
3229 - 3234 - 3235 - 3331 - 3340
3335 - 3336 - 3534 - 3535 - 3538
3548 - 3553 - 3557 - 4148

K-M110

VOLVO
SR / R
1000 - 1400
1700 - 1900
2000
SRO 2400

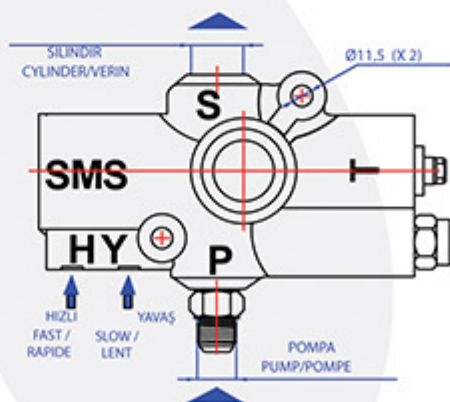
VOLVO

FL 10 320 - FL 616 - FL 7 - NL 12
FH 16 520 - FH 12420 - FH 12 - FH 16
FM 10 - FM 12 - F 10 - F12 - F 16
N10 - N12



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	Bağlantı Rakoru Fitting Raccord de Conn.	Debi Verim Débit	Çalışma Basıncı Working Pressure Pression de Travail	Maksimum Basıncı Max. Press Pression Max	Maksimum Pnömatik Bas. Max. Pneum. Pres. Press. Pneu. Max.	Ağırlık Weight Poids
VS-01	1"	140 lt/dk lt/min	170 bar	190 bar	12 bar	7,00 kg



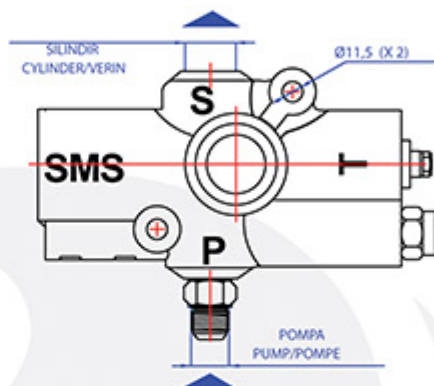
TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	Bağlantı Rakoru Fitting Raccord de Conn.	Debi Verim Débit	Çalışma Basıncı Working Pressure Pression de Travail	Maksimum Basıncı Max. Press Pression Max	Maksimum Pnömatik Bas. Max. Pneum. Pres. Press. Pneu. Max.	Ağırlık Weight Poids
VS-02	3/4"	110 lt/dk lt/min	170 bar	190 bar	12 bar	7,20 kg

DAĞITICILAR DISTRIBUTORS DISTRIBUTEUR

YÖN VENTİLİ
DIRECTIONAL VALVE
VALVE DIRECTIONNEL

V-S-03
VAKUMLU
VACUUM



TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

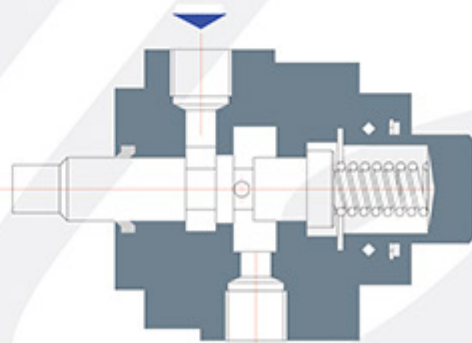
Kod Code Code	Bağlantı Rakoru Fitting Raccord de Conn.	Debi Verim Deby Débit	Çalışma Basıncı Working Pressure Pression de Travail	Maksimum Basıncı Max. Press Pression Max	Maksimum Pnömatik Bas. Max. Pneum. Pres. Press. Pneu. Max	Ağırlık Weight Poids
VS-03	3/4"	110 lt/dk lt/min	170 bar	190 bar	12 bar	7,90 kg

SINIR KONTROL VALFİ
LIMITER CONTROLE VALVE
LIMITEUR DE PRESSION

V-1500



Hidrolik Giriş
Hydraulic Inlet
Entrée Hydraulique



Hidrolik Çıkış
Hydraulic Outlet
Sortie Hydraulique

TEKNİK VERİLER - TECHNICAL DATAS - DONNÉES TECHNIQUE

Kod Code Code	Debi Verim Deby Débit	Maksimum Basıncı Max. Press Pression Max	Ağırlık Weight Poids
V-1500-02	3/4"	110 lt/dk lt/min	1,85 kg
V-1500-01	1"	140 lt/dk lt/min	1,85 kg



ADAPTÖRLER VE PNÖMATİK EKİPMANLARI

ADAPTORS & PNEUMATIC EQUIPMENTS
ADAPTEURS ET EQUIPEMENTS PNEUMATIQUE

ADAPTÖR
ADAPTOR
ADAPTEUR



H - 2100

Adaptör Tipi : ISO - UNI
Adaptor Type : ISO - UNI
Type Adapteur : ISO - UNI



H - 2200

Adaptör Tipi : Pistonlu Pompa ISO - UNI
Adaptor Type : Piston Pumps ISO - UNI
Type Adapteur : Pompe A Piston ISO - UNI



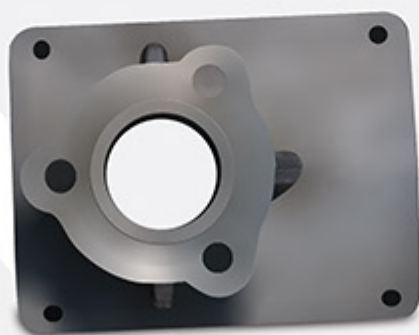
H - 2300

Adaptör Tipi : Uzatma Adaptörü
Adaptor Type : Universal Adaptor
Type Adapteur : Adapteur Universel



H - 2400

Adaptör Tipi : 1P1 Arapça
Adaptor Type : 1P1 Adaptor
Type Adapteur : Adapteur 1P1



H - 2500

Adaptör Tipi : 2P1 Arapça
Adaptor Type : 2P1 Adaptor
Type Adapteur : Adapteur 2P1

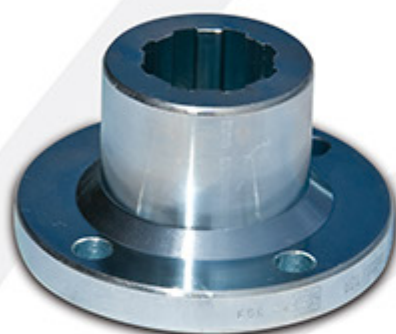


H - 3100

Adaptör Tipi : 6 Frezeli Flanş
Adaptor Type : 6 Trailet Flange
Type Adapteur : Range a 6 Trailets

**ADAPTÖRLER VE
PNÖMATİK EKİPMANLARI**
ADAPTORS & PNEUMATIC EQUIPMENTS
ADAPTEURS ET EQUIPEMENTS PNEUMATIQUE

ADAPTÖR
ADAPTOR
ADAPTEUR



H - 3200

Adaptör Tipi : 8 Frezeli Flanş
Adaptor Type : 8 Trailllet Flange
Type Adapteur : Flange a 8 Trailllets



H - 3300

Adaptör Tipi : Delikli Flanş
Adaptor Type : Flange
Type Adapteur : Flange Avec trou



H - 4100

Adaptör Tipi : 6x6
Adaptor Type : 6x6
Type Adapteur : 6x6



H - 4200

Adaptör Tipi : 6x8
Adaptor Type : 6x8
Type Adapteur : 6x8



H - 4300

Adaptör Tipi : 1P1
Adaptor Type : 1P1
Type Adapteur : 1P1



H - 4400

Adaptör Tipi : 2P1
Adaptor Type : 2P1
Type Adapteur : 2P1



ADAPTÖRLER VE PNÖMATİK EKİPMANLARI ADAPTORS & PNEUMATIC EQUIPMENTS ADAPTEURS ET EQUIPEMENTS PNEUMATIQUE HAVA DÜĞMELERİ AIR SWITCHES INTERRUPTEURS DE CONTRÔLE



A-5120

Tip : 2 Yollu Hava Düğmesi
Type : Pneumatic Control Button 2 Way
Type : Interrupteur de Contrôle
Pneumatique a 2 Positions

P Hava Girişi / Pneum. Inlet / Entrée Pneum.	1/4"
R Hava Çıkışı / Pneum. Outlet / Sortie Pneum.	1/4"
Maksimum Basınç / Max. Pressure / Pression Max.	10 Bar
Çalışma Sıcaklığı / Working Template / Temp. de Travail	-40 , +80 °C
Çalışma Ortamı / Working Environment	Hava / Pneum
Bağlantı Şekli / Connection	Opsiyonel / Option
Ağırlık / Weight / Poids	0,4 Kg



A-5130

Tip : 3 Yollu Hava Düğmesi
Type : Pneumatic Control Button 3 Way
Type : Interrupteur de Contrôle
Pneumatique a 3 Positions

P Hava Girişi / Pneum. Inlet / Entrée Pneum.	1/4"
R Hava Çıkışı / Pneum. Outlet / Sortie Pneum.	1/4"
Maksimum Basınç / Max. Pressure / Pression Max.	10 Bar
Çalışma Sıcaklığı / Working Template / Temp. de Travail	-40 , +80 °C
Çalışma Ortamı / Working Environment	Hava / Pneum
Bağlantı Şekli / Connection	Opsiyonel / Option
Ağırlık / Weight / Poids	0,5 Kg



A-5220

Tip : Joystick 2'li Damper Kaldırma Valfi
Type : Joystick Dual Dump Lifting Valve
Type : Joystick de Commande Double
Position Pour Bennes Basculantes

Maksimum Basınç / Max. Pressure / Pression Max.	12 Bar
Minimum Basınç / Min Pressure / Pression Min.	5 Bar
Hava Girişi / Pneum. Inlet / Entrée Pneum.	G 1/8
Hava Çıkışı / Pneum. Outlet / Sortie Pneum.	M5
İndirme Bağlantısı / Lowering Connect Connection Basculant	G 1/8
PTO Bağlantısı / PTO Connection / Connection PTO	G 1/8



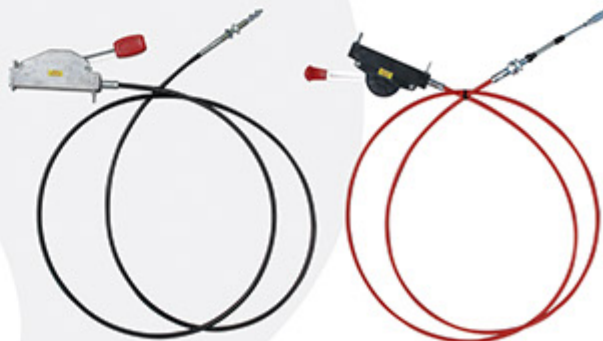
A-5230

Tip : Joystick 3'lü Damper Kaldırma Valfi
Type : Joystick Trip Dump Lifting Valve
Type : Joystick de Commande Triple
Position Pour Bennes Basculantes

Maksimum Basınç / Max. Pressure / Pression Max.	12 Bar
Minimum Basınç / Min Pressure / Pression Min.	5 Bar
Hava Girişi / Pneum. Inlet / Entrée Pneum.	G 1/8
Hava Çıkışı / Pneum. Outlet / Sortie Pneum.	M5
İndirme Bağlantısı / Lowering Connect / Connection Basculant	G 1/8
Kaldırma Bağlantısı / Tipping Connection / Connection Pour Levage	G 1/8
PTO Bağlantısı / PTO Connection / Connection PTO	G 1/8

A-5300

Mekanik PTO Çekme Halatı
Mechanics PTO Cable
Cable D'activation Pour
Prise de Mouvement



TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

TELESCOPIC CYLINDERS & EQUIPMENTS
VERINS TELESCOPIQUE & EQUIPEMENTS

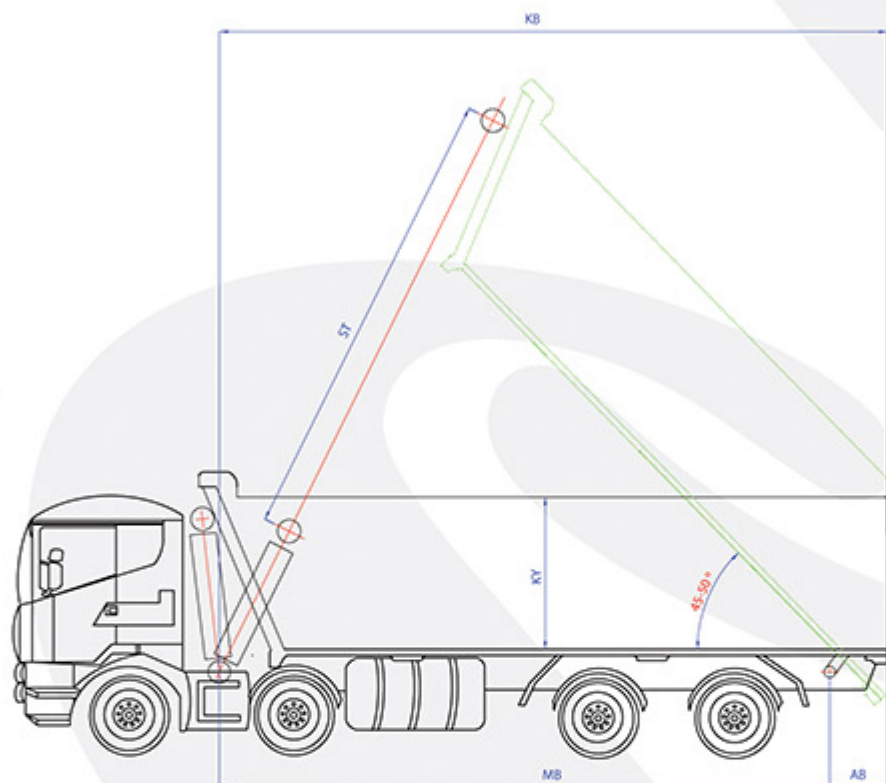




TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS



Kod Code Code	KB (mm)	ST (mm)	MB (mm)	AB (mm)	KY (mm)	Kasa Hacmi Frame Volume Volume Benne (m³)	Kaldırma Kapasitesi Lifting Capacity Capacité de Levage
L-10-11532800-A-B-C-E	3500 4000	2800	3300	450	800	8-9	19 TON - TONNES
L-10-13533300-A-B-C-E-H-H-E	4500 5000	3300	4400	600	1200	13-15	22-30 TON - TONNES
L-10-13533800-A-B-C-E-H-H-E	5000 5500	3800	4900	600	1200	14-16	22-30 TON - TONNES
L-10-13543300-A-B-C-E	4500 5000	3300	4400	600	1200	13-15	22-30 TON - TONNES
L-10-13543800-A-B-C-E	5000 5500	3800	4900	600	1200	14-16	22-30 TON - TONNES
L-10-13544100-A-B-C-E-H-H-E	5500 6000	4100	5400	600	1200	16-20	22-30 TON - TONNES
L-10-13544500-A-B-C-E-H-H-E	6000 6500	4500	5800	700	1200	16-20	22-30 TON - TONNES
L-10-16544100-A-B-C-E-H-H-E	5500 6000	4100	5400	600	1200	16-20	35-45 TON - TONNES
L-10-16544500-A-B-C-E-H-H-E	6000 6500	4500	5800	700	1200	16-20	35-45 TON - TONNES
L-10-18555700-A-B-C-E-H-H-E	7000 8000	5700	7300	750	1300	22-24	45-55 TON - TONNES
L-10-21255700-A-B-C-E-H-H-E	7000 8000	5700	7300	750	1300	22-24	60-70 TON - TONNES

TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

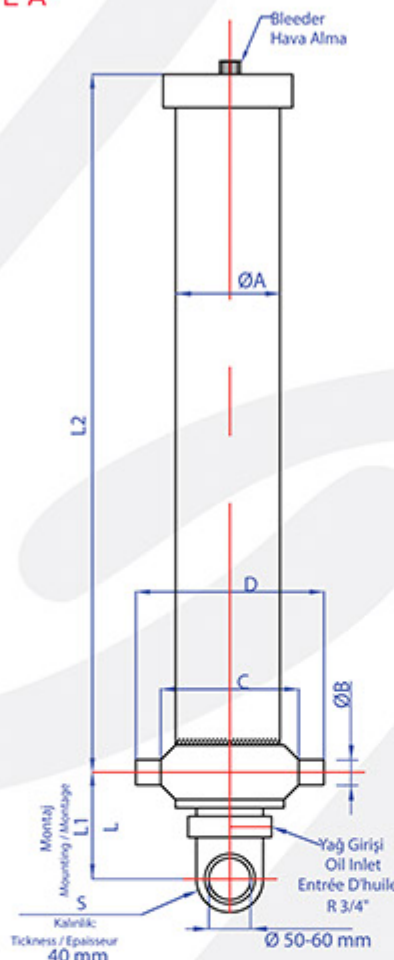
TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS

A TİPİ SİLİNDİR

A TYPE CYLINDER

CYLINDRE DE TYPE A



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

Kod Code Code	Tip Type Type	Çalışma Basıncı Working Pressure Pression de Travail	Litre Liter Litre	ØA (mm)	ØB (mm)	C (mm)	D (mm)	L (mm)	L1 (mm)	L2 (mm)
L-10-11532800-A	115x3x2800	170 Bar	25	140	50	150	250	180	210	1050
L-10-13533300-A	135x3x3300	170 Bar	44	160	65	205	335	180	210	1250
L-10-13533800-A	135x3x3800	170 Bar	48	160	65	205	335	180	210	1350
L-10-13543300-A	135x4x3300	170 Bar	35	160	65	205	335	180	210	950
L-10-13543800-A	135x4x3800	170 Bar	40	160	65	205	335	180	210	1050
L-10-13544100-A	135x4x4100	170 Bar	44	160	65	205	335	180	210	1150
L-10-13544500-A	135x4x4500	170 Bar	48,5	160	65	205	335	180	210	1250
L-10-16044100-A	160x4x4100	170 Bar	63	190	65	235	365	180	210	1150
L-10-16044500-A	160x4x4500	170 Bar	65	190	65	235	365	180	210	1250
L-10-18555700-A	185x5x5700	-	-	-	-	-	-	-	-	-
L-10-21255700-A	212x5x5700	-	-	-	-	-	-	-	-	-

KADEMELER / EXTENSIONS / EXTENSIONS

Ø212 (mm)	Ø185 (mm)	Ø160 (mm)	Ø135 (mm)	Ø115 (mm)	Ø95 (mm)	Ø75 (mm)
-	-	-	-	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	-
-	-	-	Ø135	Ø115	Ø95	-
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	Ø160	Ø135	Ø115	Ø95	-
-	-	Ø160	Ø135	Ø115	Ø95	-
-	Ø185	Ø160	Ø135	Ø115	Ø95	-
Ø212	Ø185	Ø160	Ø135	Ø115	-	-

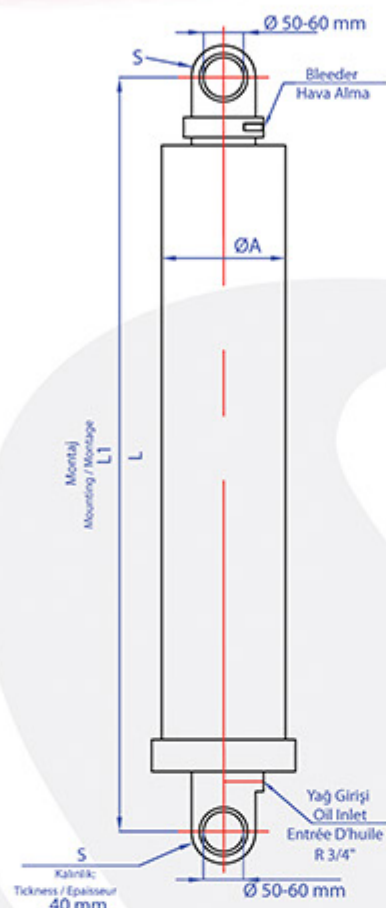


TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS

B TİPİ SİLİNDİR
B TYPE CYLINDER
CYLINDRE DE TYPE B



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

Kod Code Code	Tip Type Type	Çalışma Basıncı Working Pressure Pression de Travail	Litre Litre Litre	ØA (mm)	L (mm)	L1 (mm)	Ø212 (mm)	Ø185 (mm)	Ø160 (mm)	Ø135 (mm)	Ø115 (mm)	Ø95 (mm)	Ø75 (mm)
L-10-11532800-B	115x3x2800	170 Bar	25	140	1320	1350	-	-	-	-	Ø115	Ø95	Ø75
L-10-13533300-B	135x3x3300	170 Bar	44	160	1470	1500	-	-	-	Ø135	Ø115	Ø95	-
L-10-13533800-B	135x3x3800	170 Bar	48	160	1570	1600	-	-	-	Ø135	Ø115	Ø95	-
L-10-13543300-B	135x4x3300	170 Bar	35	160	1170	1200	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-13543800-B	135x4x3800	170 Bar	40	160	1270	1300	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-13544100-B	135x4x4100	170 Bar	44	160	1370	1400	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-13544500-B	135x4x4500	170 Bar	48,5	160	1470	1500	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-16044100-B	160x4x4100	170 Bar	63	190	1370	1400	-	-	Ø160	Ø135	Ø115	Ø95	-
L-10-16044500-B	160x4x4500	170 Bar	70	190	1470	1500	-	-	Ø160	Ø135	Ø115	Ø95	-
L-10-18555700-B	185x5x5700	170 Bar	95	220	1470	1500	-	Ø185	Ø160	Ø135	Ø115	Ø95	-
L-10-21255700-B	212x5x5700	170 Bar	132	245	1470	1500	Ø212	Ø185	Ø160	Ø135	Ø115	-	-

KADEMELER / EXTENSIONS / EXTENSIONS

TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

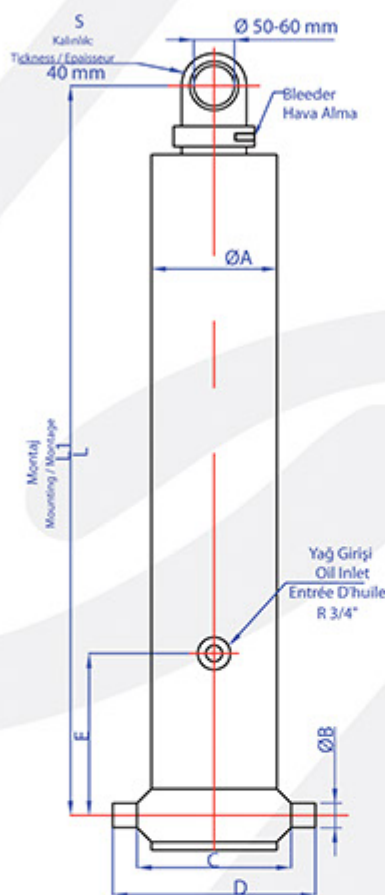
TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS

C TİPİ SİLİNDİR

C TYPE CYLINDER

CYLINDRE DE TYPE C



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

Kod Code Code	Tip Type Type	Çalışma Basıncı Working Pressure Pression de Travail	Litre Liter Litre	ØA (mm)	ØB (mm)	C (mm)	D (mm)	E (mm)	L (mm)	L1 (mm)
L-10-11532800-C	115x3x2800	-	-	-	-	-	-	-	-	-
L-10-13533300-C	135x3x3300	-	-	-	-	-	-	-	-	-
L-10-13533800-C	135x3x3800	170 Bar	48	160	65	205	335	300	1370	1400
L-10-13543300-C	135x4x3300	-	-	-	-	-	-	-	-	-
L-10-13543800-C	135x4x3800	-	-	-	-	-	-	-	-	-
L-10-13544100-C	135x4x4100	-	-	-	-	-	-	-	-	-
L-10-13544500-C	135x4x4500	170 Bar	48,5	160	65	205	335	300	1370	1400
L-10-16044100-C	160x4x4100	-	-	-	-	-	-	-	-	-
L-10-16044500-C	160x4x4500	170 Bar	70	190	65	235	365	300	1370	1400
L-10-18555700-C	185x5x5700	170 Bar	95	220	65	255	385	300	1370	1400
L-10-21255700-C	212x5x5700	170 Bar	132	245	65	270	400	300	1370	1400

KADEMELER / EXTENSIONS / EXTENSIONS

Ø212 (mm)	Ø185 (mm)	Ø160 (mm)	Ø135 (mm)	Ø115 (mm)	Ø95 (mm)	Ø75 (mm)
-	-	-	-	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	-
-	-	-	Ø135	Ø115	Ø95	-
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	-	Ø135	Ø115	Ø95	Ø75
-	-	Ø160	Ø135	Ø115	Ø95	-
-	-	Ø160	Ø135	Ø115	Ø95	-
-	Ø185	Ø160	Ø135	Ø115	Ø95	-
Ø212	Ø185	Ø160	Ø135	Ø115	-	-

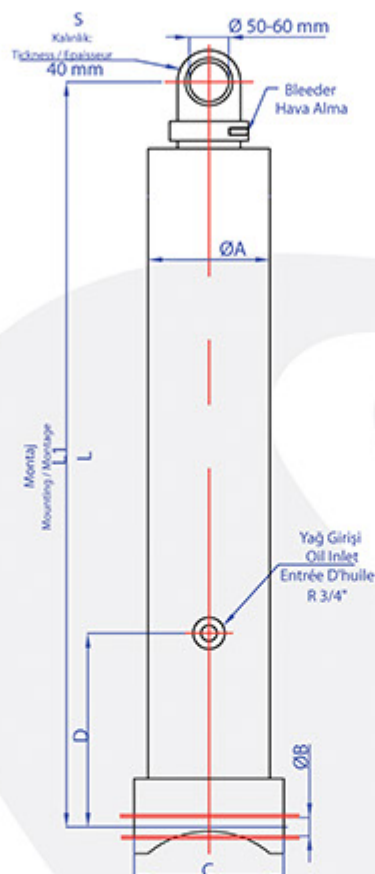


TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS

E TİPİ SİLİNDİR
E TYPE CYLINDER
CYLINDRE DE TYPE E



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

KADEMELER / EXTENSIONS / EXTENSIONS

Kod Code Code	Tip Type Type	Çalışma Basıncı Working Pressure Pression de Travail	Litre Liter Litre	ØA (mm)	ØB (mm)	C (mm)	D (mm)	L (mm)	L1 (mm)	Ø212 (mm)	Ø185 (mm)	Ø160 (mm)	Ø135 (mm)	Ø115 (mm)	Ø95 (mm)	Ø75 (mm)
L-10-11532800-E	115x3x2800	170 Bar	25	140	40	160	300	1270	1300	-	-	-	-	Ø115	Ø95	Ø75
L-10-13533300-E	135x3x3300	170 Bar	44	160	50	210	300	1470	1500	-	-	-	Ø135	Ø115	Ø95	-
L-10-13533800-E	135x3x3800	170 Bar	48	160	50	210	300	1570	1600	-	-	-	Ø135	Ø115	Ø95	-
L-10-13543300-E	135x4x3300	170 Bar	35	160	50	210	300	1170	1200	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-13543800-E	135x4x3800	170 Bar	40	160	50	210	300	1270	1300	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-13544100-E	135x4x4100	170 Bar	44	160	50	210	300	1370	1400	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-13544500-E	135x4x4500	170 Bar	48,5	160	50	210	300	1470	1500	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-16044100-E	160x4x4100	170 Bar	63	190	50	220	300	1370	1400	-	-	Ø160	Ø135	Ø115	Ø95	-
L-10-16044500-E	160x4x4500	170 Bar	65	190	50	220	300	1470	1500	-	-	Ø160	Ø135	Ø115	Ø95	-
L-10-18555700-E	185x5x5700	170 Bar	95	220	50-60	260	300	1470	1500	-	Ø185	Ø160	Ø135	Ø115	Ø95	-
L-10-21255700-E	212x5x5700	170 Bar	132	245	60	260	300	1470	1500	Ø212	Ø185	Ø160	Ø135	Ø115	-	-

TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

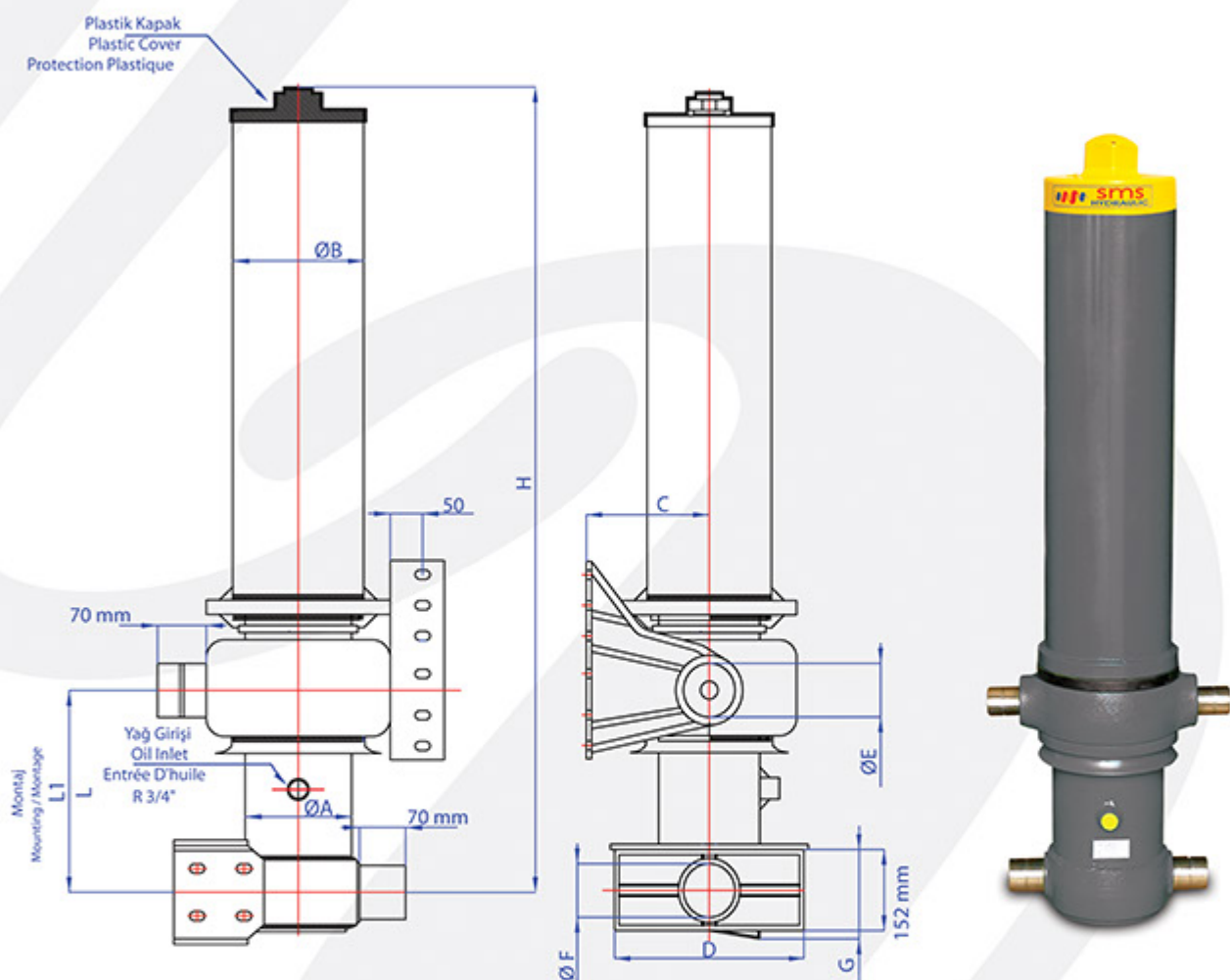
TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS

H TİPİ SİLİNDİR

H TYPE CYLINDER

CYLINDRE DE TYPE H



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

Kod Code Code	Tip Type Type	Çalışma Basıncı Working Pressure Pression de Travail	Litre Liter Litre	ØA (mm)	ØB (mm)	C (mm)	D (mm)	ØE (mm)	ØF (mm)	G (mm)	H (mm)	L (mm)	L1 (mm)	Ø212 (mm)	Ø185 (mm)	Ø160 (mm)	Ø135 (mm)	Ø115 (mm)	Ø95 (mm)	Ø75 (mm)
L-10-13533300-H	135x3x3300	170 Bar	44	165	220	229	286	65	65	95	1430	343	373	-	-	-	Ø135	Ø115	Ø95	-
L-10-13533800-H	135x3x3800	170 Bar	48	165	220	229	286	65	65	95	1600	343	373	-	-	-	Ø135	Ø115	Ø95	-
L-10-13544100-H	135x4x4100	170 Bar	44	165	220	229	286	65	65	110	1347	343	373	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-13544500-H	135x4x4500	170 Bar	48,5	165	220	229	286	65	65	110	1450	343	373	-	-	-	Ø135	Ø115	Ø95	Ø75
L-10-16044100-H	160x4x4100	170 Bar	63	190	245	229	368	65	65	110	1347	343	373	-	-	Ø160	Ø135	Ø115	Ø95	-
L-10-16044500-H	160x4x4500	170 Bar	65	190	245	229	368	65	65	110	1450	343	373	-	-	Ø160	Ø135	Ø115	Ø95	-
L-10-18555700-H	185x5x5700	170 Bar	95	220	245	229	368	65	65	110	1465	343	373	-	Ø185	Ø160	Ø135	Ø115	Ø95	-
L-10-21255700-H	212x5x5700	170 Bar	132	245	273	229	368	65	65	120	1465	343	373	Ø212	Ø185	Ø160	Ø135	Ø115	-	-

KADEMELER / EXTENSIONS / EXTENSIONS

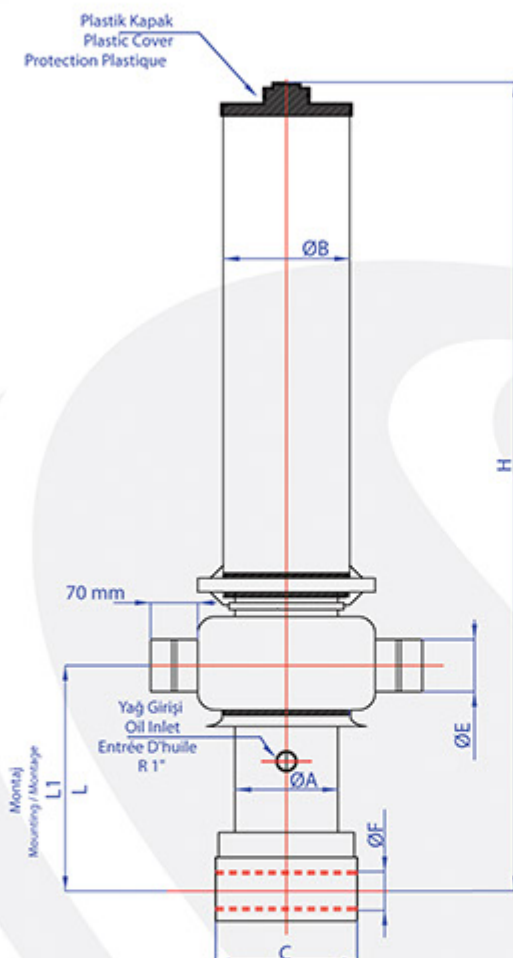


TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS

HE TİPİ SİLİNDİR
HE TYPE CYLINDER
CYLINDRE DE TYPE HE



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

Kod Code Code	Tip Type Type	Çalışma Basıncı Working Pressure Pression de Travail	Litre Liter Litre	ØA (mm)	ØB (mm)	C (mm)	ØE (mm)	ØF (mm)	H (mm)	L (mm)	L1 (mm)	Ø212 (mm)	Ø185 (mm)	Ø160 (mm)	Ø135 (mm)	Ø115 (mm)	Ø95 (mm)	Ø75 (mm)
L10-13533300HE	135x3x3300	170 Bar	44	165	220	195	57	58	1557	470	500	-	-	-	Ø135	Ø115	Ø95	-
L10-13533800HE	135x3x3800	170 Bar	48	165	220	195	57	58	1727	470	500	-	-	-	Ø135	Ø115	Ø95	-
L10-13544100HE	135x4x4100	170 Bar	44	165	220	195	57	58	1474	470	500	-	-	-	Ø135	Ø115	Ø95	Ø75
L10-13544500HE	135x4x4500	170 Bar	48,5	165	220	195	57	58	1577	470	500	-	-	-	Ø135	Ø115	Ø95	Ø75
L10-16044100HE	160x4x4100	170 Bar	63	190	245	222	57	58	1474	470	500	-	-	Ø160	Ø135	Ø115	Ø95	-
L10-16044500HE	160x4x4500	170 Bar	65	190	245	222	57	58	1577	470	500	-	-	Ø160	Ø135	Ø115	Ø95	-
L10-18555700HE	185x5x5700	170 Bar	95	220	245	252	57	58	1592	470	500	-	Ø185	Ø160	Ø135	Ø115	Ø95	-
L10-21255700HE	212x5x5700	170 Bar	132	245	273	275	57	58	1592	470	500	Ø212	Ø185	Ø160	Ø135	Ø115	-	-

TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

TELESCOPIC CYLINDERS & EQUIPMENTS

VERINS TELESCOPIQUE & EQUIPEMENTS

BRAKETLER

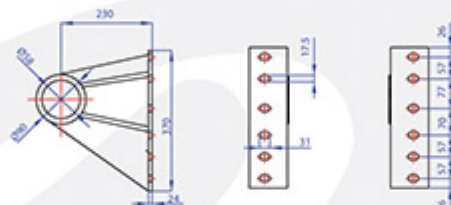
BRACHETS

PALIER



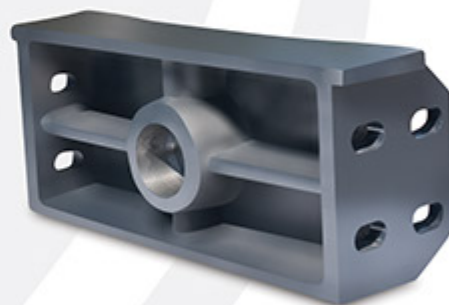
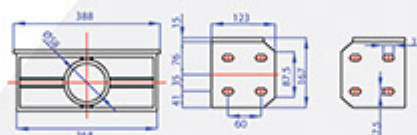
L-20-140160190-H-U

H Tipi Silindir Üst Bağlantı Braketi
Palier Supérieur Verin Type H



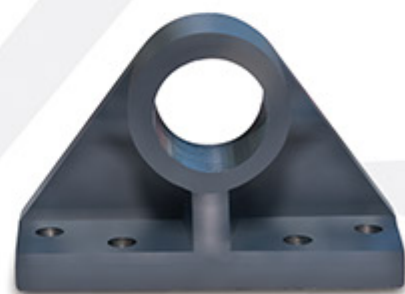
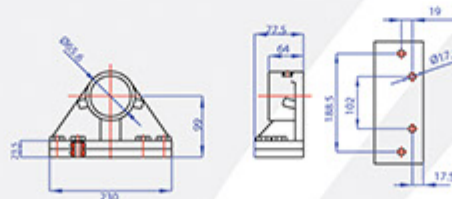
L-20-140160190-H-A

H Tipi Silindir Alt Bağlantı Braketi
Palier Inferieur Verin Type H



L-20-140160190-C-UA

C Tipi Silindir Bağlantı Braketi
Palier Verin Type C



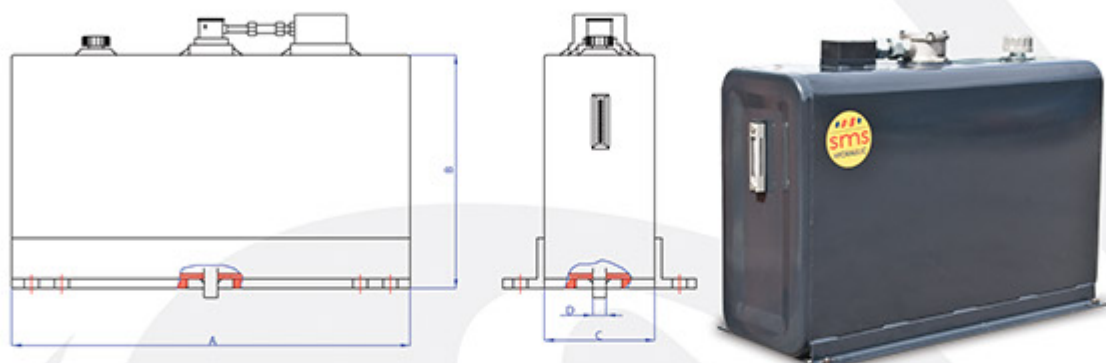


TELESKOPIK SİLİNDİRLER & EKİPMANLARI (LİFT)

TELESCOPIC CYLINDERS & EQUIPMENTS

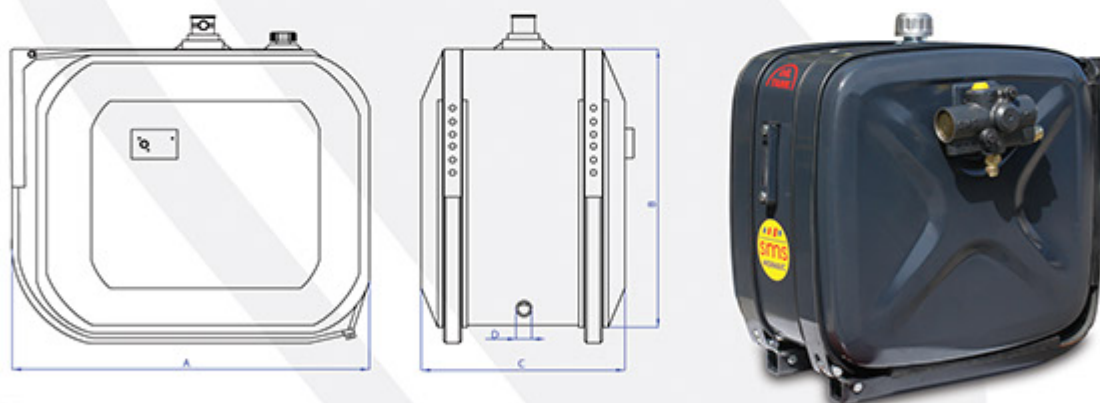
VERINS TELESCOPIQUE & EQUIPEMENTS

YAĞ DEPOLARI
OIL TANKS
RESERVOIRS D'HUILE



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

Kod Code Code	Maksimum Hacim Maximum Volume Volume Maximum	Çalışma Hacmi Working Volume Volume De Travail	A	B	C	D
D-92-SU	123 Lt	92 Lt	650 mm	610 mm	310 mm	G1 1/4"
D-113-SU	151 Lt	113 Lt	800 mm	610 mm	310 mm	G1 1/4"
D-156-SU	208 Lt	156 Lt	1100 mm	610 mm	310 mm	G1 1/2"
D-198-SU	264 Lt	198 Lt	1400 mm	610 mm	310 mm	G1 1/2"



TEKNİK VERİLER / TECHNICAL DATAS / DONNÉES TECHNIQUE

Kod Code Code	Maksimum Hacim Maximum Volume Volume Maximum	Çalışma Hacmi Working Volume Volume De Travail	A	B	C	D
D-96-SY	128 Lt	96 Lt	610 mm	600 mm	350 mm	G1 1/4"
D-110-SY	146 Lt	110 Lt	610 mm	600 mm	400 mm	G1 1/4"
D-123-SY	164 Lt	123 Lt	610 mm	600 mm	450 mm	G1 1/4"
D-137-SY	183 Lt	137 Lt	610 mm	600 mm	500 mm	G1 1/4"
D-150-SY	201 Lt	150 Lt	610 mm	600 mm	550 mm	G1 1/4"
D-170-SY	227 Lt	170 Lt	700 mm	650 mm	500 mm	G1 1/4"
D-205-SY	273 Lt	205 Lt	700 mm	650 mm	600 mm	G1 1/4"

SMS HİDROLİK
SMS HYDRAULIC
SMS HYDRALIQUE





SMS Hidrolik Elemanları San.Tic.Ltd.Şti.
K.S.S. 93. Sok No:2-4 Çorum / TURKEY Tel: +90 364 234 84 18 Faks: +90 364 234 84 19
www.smshidrolik.com info@smshidrolik.com

www.smshydraulic.com