

FRAC PUMP

TRIPLEX



SKID MOUNTED FRAC PUMP 2250 BHP

ENGINE



CUMMINS QSK45-C 2250HP @ 1900 RPM

TRANSMISSION



ALLISON S9810



TRIPLEX PUMP



GD HD 2250 TRIPLEX

FLUID END : 4,5" – 5,5"

DISCHARGE CONNECTION: FIG.1502-3" F

SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.

CONTROL SYSTEM AND INSTRUMENTATION

CONTROL ENCLOSURE/PANEL WITH LOCAL AND REMOTE CONTROL

DIMENSIONS



WEIGHT : 24.500 KG

LENGTH : 8.060 MM

WIDTH : 2.470 MM

HEIGHT : 3.100 MM

OPTIONAL

(ATEX) REMOTE CONTROL

CENTRIFUGAL PUMP

EXTRA DIESEL TANK



FRAC PUMP

QUINTUPLEX



TRAILER MOUNTED FRAC PUMP 2500 BHP

ENGINE



MTU 12V4000 S83, RATED 2500 BHP

TRANSMISSION



ALLISON 9832I



QUINTUPLEX PUMP



SPM QWS2500

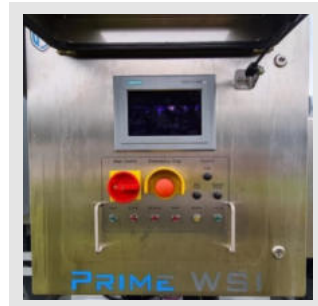
FLUID END : 4.5"

DISCHARGE CONNECTION: FIG.1502-3" F.

SUCTION CONNECTION: 2 x 4" FIG 206 WINGED CONNECTIONS

CONTROL SYSTEM AND INSTRUMENTATION

PRIME WSI CONTROLS



DIMENSIONS



WEIGHT : 30.000 KG

LENGTH : 12.500 MM

WIDTH : 2.550 MM

HEIGHT : 4.000 MM

KING PIN HEIGHT : 1.400MM

OPTIONAL

(ATEX) REMOTE CONTROL

CENTRIFUGAL PUMP

EXTRA DIESEL TANK



FRAC PUMP

TRIPLEX



TRAILER MOUNTED FRAC PUMP 2250 BHP

ENGINE



MTU 12V4000 S83, RATED 2250 BHP

TRANSMISSION



ALLISON S9820

TRIPLEX PUMP



SPM TWS 2250 TRIPLEX

FLUID END : 4.5" AND 5,5"

DISCHARGE CONNECTION: FIG.1502-3" F.

SUCTION CONNECTION: 2 x 4" FIG 206 WINGED CONNECTIONS



CONTROL SYSTEM AND INSTRUMENTATION

ELECTRICAL JUNCTION BOX, INDICATING DEVICES : ENGINE'S HOUR METER, COOLANT, GEAR OIL, LUBRICATION OIL TEMPERATURE INDICATORS, PRESSURE GAUGES FOR ENGINE OIL, GEAR OIL, TACHOMETER, PRESSURE TRANSMITTER 0-15K PSI

DIMENSIONS



WEIGHT : 28.000 KG

LENGTH : 13.100 MM

WIDTH : 2.550 MM

HEIGHT : 3.850 MM

KING PIN HEIGHT : 1.350MM

OPTIONAL

CENTRIFUGAL PUMP

EXTRA DIESEL TANK



ALL IN ONE

DIESEL MOTOR



HAMMELMANN WITH PISTON DIA 0,69" / 1.3"

ENGINE



VOLVO TAD 873 STAGE IV TIER 4 FINAL

DIESEL ENGINE PERFORMANCE DATA

- > VOLTAGE : 24 V RATING : 235 kW
- > RPM : 2200 RPM/min IDLE SPEED : 900 RPM/min
- > BATTERY VOLTAGE : 12 V BATTERY CAPACITY : 135 Ah



TRIPLEX PUMP



HAMMELMANN, MAX 3000 BAR

FLUID END : 0,69" / 1,3"

RATES : 27-100L/min

PUMP PERFORMANCE DATA

PISTON DIAMETER 1,3"

- > FLOW RATE : 110L/min
- > OPERATING PRESSURE : 1000 bar
- > MOTOR SPEED: 2150 RPM/min
- > CRANKSHAFT SPEED: 593 RPM/min
- > MOTOR RATING REQ. : 200 kW

PISTON DIAMETER 0,69"

- > FLOW RATE : 28L/min
- > OPERATING PRESSURE : 3000 bar
- > MOTOR SPEED: 2150 RPM/min
- > CRANKSHAFT SPEED: 590 RPM/min
- > MOTOR RATING REQ. : 161 kW

ALL IN ONE

DIESEL MOTOR



HAMMELMANN WITH PISTON DIA 0,69" / 1.3"

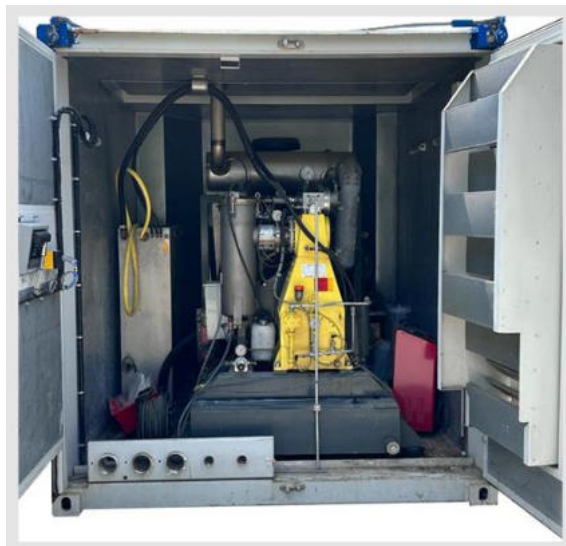
DIMENSIONS



> 10 FEET CONTAINER

OTHER SPECIFICATIONS

- > ATEX
- > TIER 4 EMISSIONS
- > NOISE PROTECTION
- > DIGITAL ADJUSTABLE PRESSURE
- > MULTIPLE CLEANING LINES
- > AUTOMATIC PROCESS
- > REMOTE FOR ID/OD DP CLEANING
- > REMOTE FOR HEAT EXCHANGERS



ALL IN ONE

DIESEL ENGINE



DEMAY / AXXON DH 500 PUMP CONTAINER WITH DD SERIES 60 ENGINE

ENGINE



DETROIT DIESEL SERIES 60 WITH
430 bhp @ 1800 U/min.

TRANSMISSION



ALLISON 6000 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER.

TRIPLEX PUMP

DEMAY / AXXON HD 500, MAX. 600 BHP,
FLUID END SIZE 4,5"

MAX PRESSURE 3 3/8" : 1000 BAR / 15.000 PSI



DISCHARGE CONNECTION: FIG.1502-3" F

MAX RATE 6" : 2000 L / MIN

SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



DIMENSIONS



WEIGHT : 11.000 KG
LENGTH : 9.300MM
WIDTH : 2.420 MM
HEIGHT : 2.400 MM

OPTIONAL

(ATEX) REMOTE CONTROL

CENTRIFUGAL PUMP

EXTRA DIESEL TANK



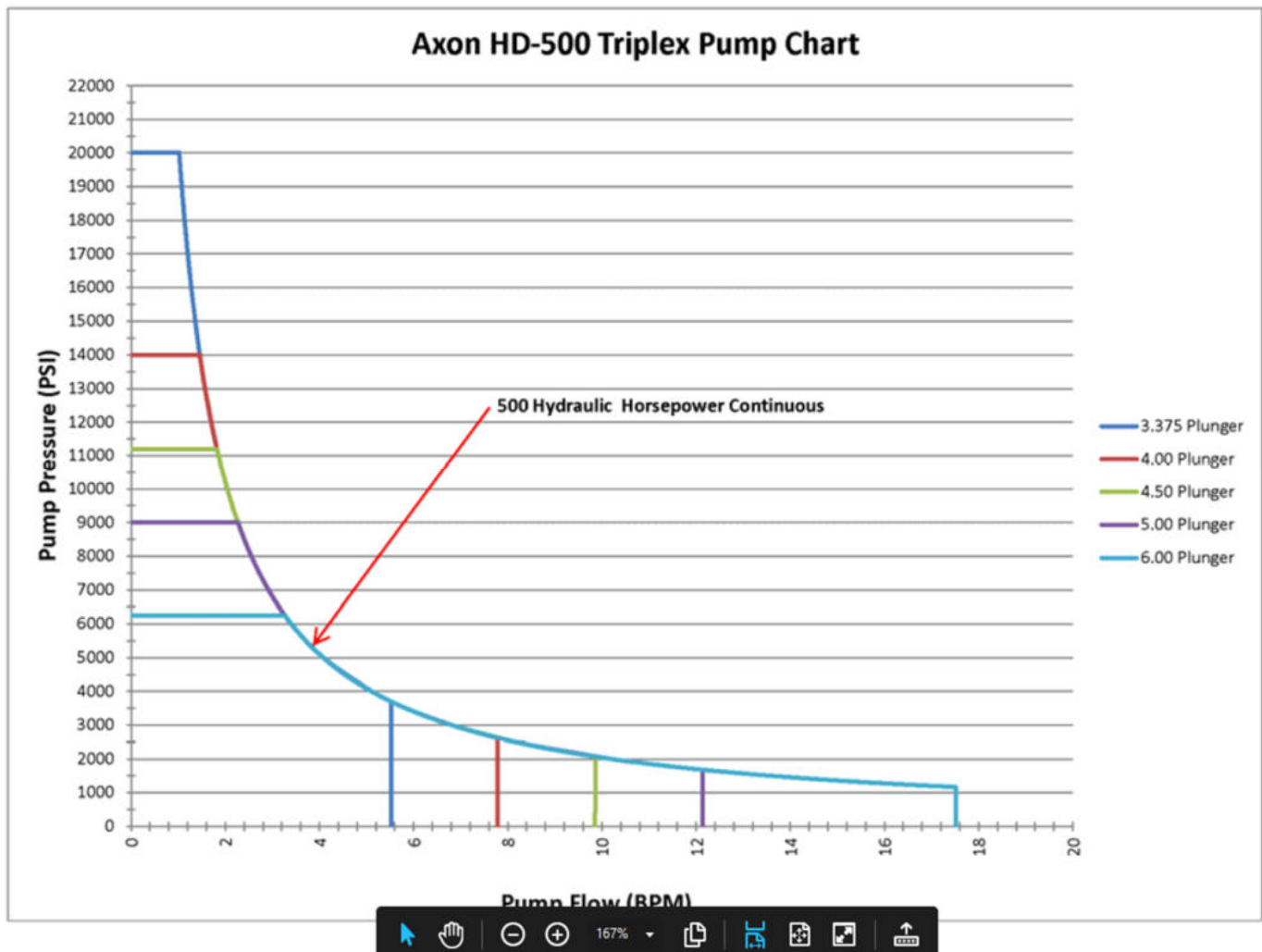
ALL IN ONE

DIESEL ENGINE



HT400 PUMP CONTAINER WITH DD SERIES 60 ENGINE

Maximum HD 500 pump values, actual performance depends on the drive engine.



ALL IN ONE

DIESEL ENGINE



HT400 PUMP CONTAINER WITH DD SERIES 60 ENGINE

ENGINE



DETROIT DIESEL SERIES 60 WITH
430 bhp @ 1800 U/min.

TRANSMISSION



ALLISON 6000 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER.

TRIPLEX PUMP

- > HT 400, MAX. 600 BHP, FLUID END SIZE 4,5"
- > MAX PRESSURE 3 3/8" : 1000 BAR / 15.000 PSI



- > DISCHARGE CONNECTION: FIG.1502-3" F
- > MAX RATE 6" : 2000 L / MIN
- > SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



DIMENSIONS



- > WEIGHT : 11.000 KG
- > LENGTH : 9.300MM
- > WIDTH : 2.420 MM
- > HEIGHT : 2.400 MM

OPTIONAL

- > (ATEX) REMOTE CONTROL
- > CENTRIFUGAL PUMP
- > EXTRA DIESEL TANK



ALL IN ONE

DIESEL ENGINE



HT400 PUMP CONTAINER WITH DD SERIES 60 ENGINE

RPM Engine	1400	1500	1600	1700	1800	1900	2000	
Flow rate l/min	254	273	291	309	327	345	363	Gear
Pressure bar	569	559	524	493	466	441	419	1
Flow rate l/min	380	407	434	461	488	515	543	
Pressure bar	381	374	351	330	312	296	281	2
Flow rate l/min	506	543	579	615	651	687	723	
Pressure bar	286	281	263	248	234	222	211	3
Flow rate l/min	754	808	862	915	969	1023	1077	
Pressure bar	192	189	177	166	157	149	141	4
Flow rate l/min	1018	1090	1163	1236	1309	1381	1454	
Pressure bar	142	140	131	123	116	110	105	5

ALL IN ONE

DIESEL ENGINE



HT400 PUMP CONTAINER WITH CAT C15 ENGINE

ENGINE



CAT DIESEL C15 WITH
420 bkW / 570 bhp @ 2100 U/min.

TRANSMISSION



ALLISON 6000 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER.

TRIPLEX PUMP

- > HT 400, MAX. 600 BHP, FLUID END SIZE 3 3/8 - 6"
- > MAX PRESSURE 3 3/8" : 1000 BAR / 15.000 PSI
- > DISCHARGE CONNECTION: FIG.1502-3" F, (3 3/8" FIG.2002-2" F).
- > MAX RATE 6" : 2000 L / MIN
- > SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



DIMENSIONS



- > WEIGHT : 14.000 KG
- > LENGTH : 6.068 MM
- > WIDTH : 2.438 MM
- > HEIGHT : 2700 MM

OPTIONAL

- > (ATEX) REMOTE CONTROL >
- > CENTRIFUGAL PUMP > EXTRA DIESEL TANK



ALL IN ONE

DIESEL ENGINE



HT400 PUMP CONTAINER WITH CAT C15 ENGINE

ENGINE



CAT DIESEL C15 WITH
433 bkW / 588 bhp @ 2100 U/min.

TRANSMISSION



ALLISON 6000 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER.

TRIPLEX PUMP

- > HT 400, MAX. 600 BHP, FLUID END SIZE 3 3/8 - 6"
- > MAX PRESSURE 3 3/8" : 1000 BAR / 15.000 PSI
- > DISCHARGE CONNECTION: FIG.1502-3" F, (3 3/8" FIG.2002-2" F).
- > MAX RATE 6" : 2000 L / MIN
- > SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.

DIMENSIONS



- > WEIGHT : 14.000 KG
- > LENGTH : 6.068 MM
- > WIDTH : 2.438 MM
- > HEIGHT : 2700 MM



OPTIONAL

- > >
- > CENTRIFUGAL PUMP > EXTRA DIESEL TANK



ALL IN ONE

DIESEL ENGINE



HT400 PUMP CONTAINER WITH DD SERIES 60 ENGINE

ENGINE



DETROIT DIESEL SERIES 60 WITH
351 bkW / 470 bhp @ 2100 U/min.

TRANSMISSION



ALLISON 6000 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER.

TRIPLEX PUMP

- > HT 400, MAX. 600 BHP, FLUID END SIZE 3 3/8 - 6"
- > MAX PRESSURE 3 3/8" : 1000 BAR / 15.000 PSI
- > DISCHARGE CONNECTION: FIG.1502-3" F, (3 3/8" FIG.2002-2" F).
- > MAX RATE 6" : 2000 L / MIN
- > SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



DIMENSIONS



- > WEIGHT : 14.000 KG
- > LENGTH : 6.068 MM – 7140MM W/ SOUNDPROOF ENCLOSURE
- > WIDTH : 2.438 MM
- > HEIGHT : 2700 MM

OPTIONAL

- > (ATEX) REMOTE CONTROL
- > SOUNDPROOF ENCLOSURE
- > CENTRIFUGAL PUMP
- > EXTRA DIESEL TANK



ALL IN ONE

ELECTRIC MOTOR



KERR KT-3400 WITH ELECTRIC MOTOR DANFOSS

ENGINE



DANFOSS 240-7180

TRANSMISSION



STIRNRADGETRIEBEMOTOR

TRIPLEX PUMP



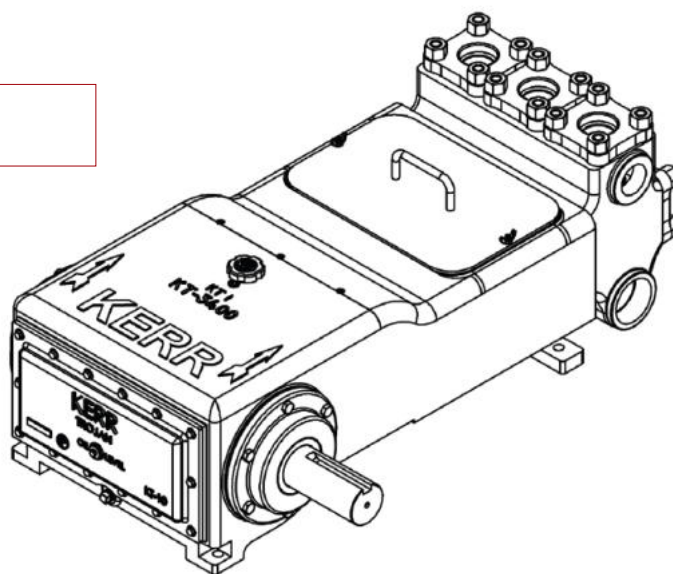
KERR KT-3400

MAX. 140 BHP

FLUID END : 3" TO 4" PISTONS

DISCHARGE CONNECTION: FIG. 206-2" F

SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



DIMENSIONS



WEIGHT : 8.000 KG
LENGTH : 2.100 MM
WIDTH : 1.240 MM
HEIGHT : 2000 MM



ALL IN ONE

DIESEL ENGINE



METAX MP7 WITH 108MM / 115MM PLUNGERS

ENGINE



SCANIA DC 16 385A STAGE V WITH 566 kW / 770 bhp @2000 RPM

TRANSMISSION



ZF TRAXON FIVE GEARS

TRIPLEX PUMP



METAX MP7 WITH 108MM, 115MM PLUNGERS

DISCHARGE CONNECTION: FIG.1502-2" F

SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



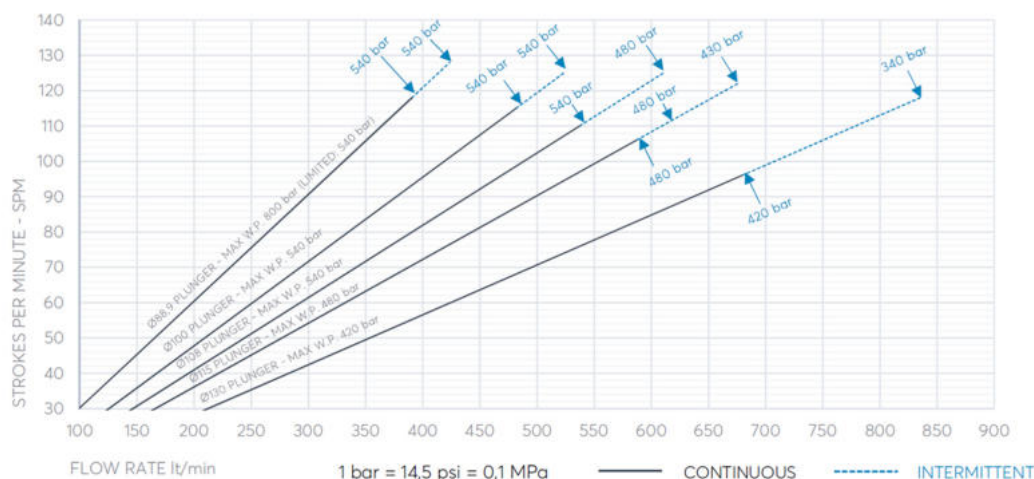
DIMENSIONS



WEIGHT : 16.500 KG
LENGTH : 6.068 MM
WIDTH : 2.440 MM
HEIGHT : 2.700 MM



MP7 | Diagram B



ALL IN ONE

DIESEL ENGINE



SPM TWS 600S WITH 2.5" TO 4.5" PLUNGERS, CAT STAGE V ENGINE

ENGINE



CAT 13B WITH 430 bkW / 584 bhp
@2100 RPM (Stage V)

TRANSMISSION



ZF ECOSPLIT WITH 12 GEARS

TRIPLEX PUMP



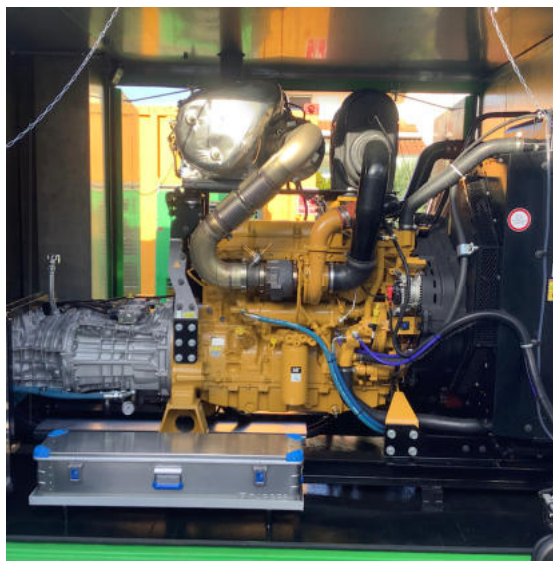
- > SPM TWS 600S
- > MAX. 600 BHP
- > FLUID END : 2.5" TO 4.5" PLUNGERS
- > DISCHARGE CONNECTION: FIG. 1502-2" F
- > SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



DIMENSIONS



- > WEIGHT : 13.000 KG
- > LENGTH : 6.100 MM
- > WIDTH : 2.460 MM
- > HEIGHT : 2700 MM



ALL IN ONE

DIESEL ENGINE



SPM TWS 600S WITH 2.5" TO 4.5" PLUNGERS

ENGINE



CAT 15 WITH 433 bkW / 588 bhp
@2100 RPM

TRANSMISSION



ALLISON 6000 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER

TRIPLEX PUMP



SPM TWS 600S

MAX. 600 BHP

FLUID END : 2.5" TO 4.5" PLUNGERS

DISCHARGE CONNECTION: FIG. 1502-2" F

SUCTION CONNECTION: ACCORDING TO CUSTOMER REQUIREMENTS.



DIMENSIONS



WEIGHT : 13.000 KG

LENGTH : 6.100 MM

WIDTH : 2.460 MM

HEIGHT : 2700 MM



ALL IN ONE

DIESEL ENGINE



SPM600 PUMP WITH STANDARD DNV 2.7-1 CERTIFIED CRASH FRAME, CAT C15 ENGINE

ENGINE



CAT DIESEL C15 WITH
433 bkW / 595 bhp @ 2100 U/min.

TRANSMISSION



ALLISON 4700 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER.

TRIPLEX PUMP



> SPM 600, MAX. 600 BHP, FLUID END SIZE 2,5" – 4,5"

> MAX PRESSURE 2,5" : 1000 BAR / 15.000 PSI



> DISCHARGE CONNECTION: FIG.1502-2" F.

> MAX RATE 4,5" : 1600 L / MIN

> FEED PUMP INCLUDED.

DIMENSIONS



> WEIGHT : 12.000 KG

> LENGTH : 6.058 MM

> WIDTH : 2.438 MM

> HEIGHT : 2896 MM



OPTIONAL

>

>

> CENTRIFUGAL PUMP

>

EXTRA DIESEL TANK

ALL IN ONE

DIESEL ENGINE



GD600 PUMP, ATEX-ZONE 2, DNV 2.7-1 CERTIFIED CRASH FRAME, CAT C18 ENGINE

ENGINE



CAT DIESEL C18 WITH
500 bkW / 670 bhp @ 2100 U/min.

TRANSMISSION



ALLISON 4750 SERIES, AUTOMATIC
TRANSMISSION WITH TORQUE CONVERTER.



TRIPLEX PUMP

GD 600, MAX. 600 BHP, FLUID END SIZE 2,5" – 4,5"

MAX PRESSURE 2,5" : 1000 BAR / 15.000 PSI



DISCHARGE CONNECTION: FIG.1502-2" F.

MAX RATE 4,5" : 1600 L / MIN

DIMENSIONS



WEIGHT : 18.700 KG
LENGTH : 6.058 MM
WIDTH : 2.438 MM
HEIGHT : 3.050 MM



OPTIONAL

ATEX I REMOTE CONTROL

ATEX II REMOTE CONTROL

CENTRIFUGAL PUMP

EXTRA DIESEL TANK

