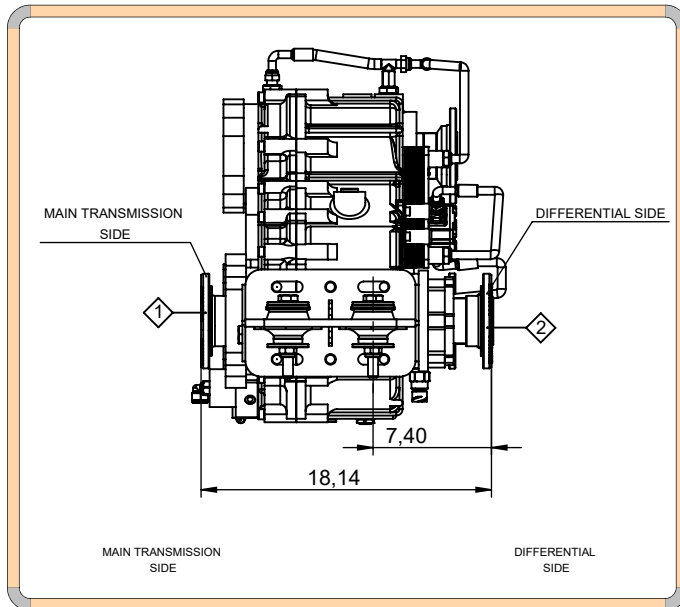
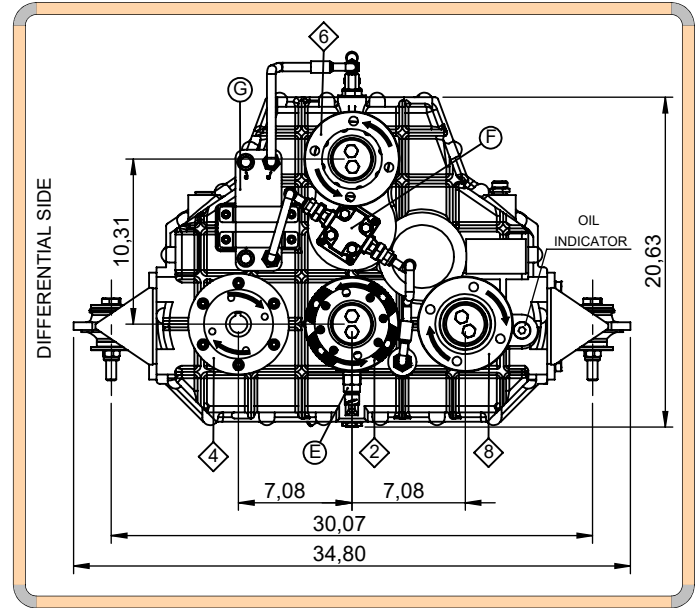
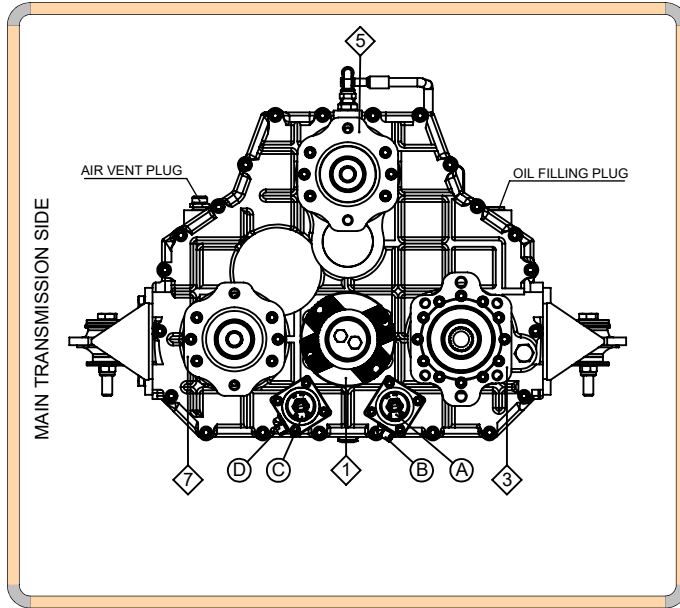


USAGE FOR HYDROSTATIC DRIVE APPLICATIONS

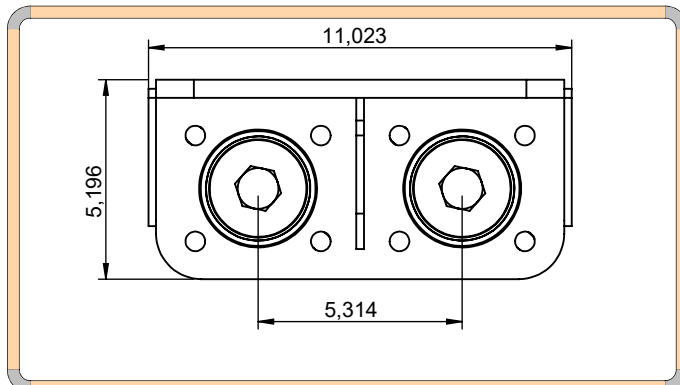
GENERAL DEFINITIONS



- 5790 LBS-FT Vertical Hydrostatic Split Shaft PTO.
- This PTO Output has 6 PTO Outputs and can Transmit Up To 147 HP
- It is Capable Up to 2530 LBS-FT At Hydrostatic Drive Mode.
- It can provide 100% of input speed During Normal Drive Mode.
- System Engage/Disengage Process is Made By Pneumatic Control.
- PTO Outputs Can Be Design With All ISO Standard Flanges As Well As Suitable Housing For Any Kind Of Hydraulic Pump And Hydromotor.
- Built On With Lubrication Pump
- Cooling System is An Option.
- Engage/Disengage Sensor & RPM Counter are Another Options.
- Even Though It is Generally Used On Sweeping Trucks, Multipurpose Cleaning Trucks, It Can Be Used Any Application Which Needs Hydrostatic Drive

USAGE FOR HYDROSTATIC DRIVE APPLICATIONS
PTO OUTPUT DEFINITIONS


| | |
|-----|---|
| ① | Main Input |
| ② | Main Output |
| ③ | 1st. Hydraulic Pump Output |
| ④ | 2nd. Hydraulic Pump Output |
| ⑤ | 3rd. Hydraulic Pump Output |
| ⑥ | 4th. Hydraulic Pump Output |
| ⑦ | 1st. Hydromotor Output |
| ⑧ | 2nd. Hydromotor Output |
| (A) | Air Inlet: Main Drive is Engaged |
| (B) | Air Inlet: Main Drive is Disengaged |
| (C) | Air Inlet: Hydrostatic Mode is On |
| (D) | Air Inlet: Hydrostatic Mode is Off |
| (E) | RPM Counter (Optional) |
| (F) | Lubrication Pump |
| (G) | Heat Exchanger Type Cooling System (Optional) |
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- All information belongs to only PTO/Split Shaft. Do not use PTO/Split Shaft, if it is not suitable for your engine and main transmission.
- Pumps, shafts and other parts should not be longer or heavier than approved distance and weight by the manufacturer of main transmission and engine.

Please Contact with KOZMAKSAN, If You Have Any Question or Concern

Address : 06370 TURKEY Phone: +903122673971

E-Mail : export@zmaksan.com.tr

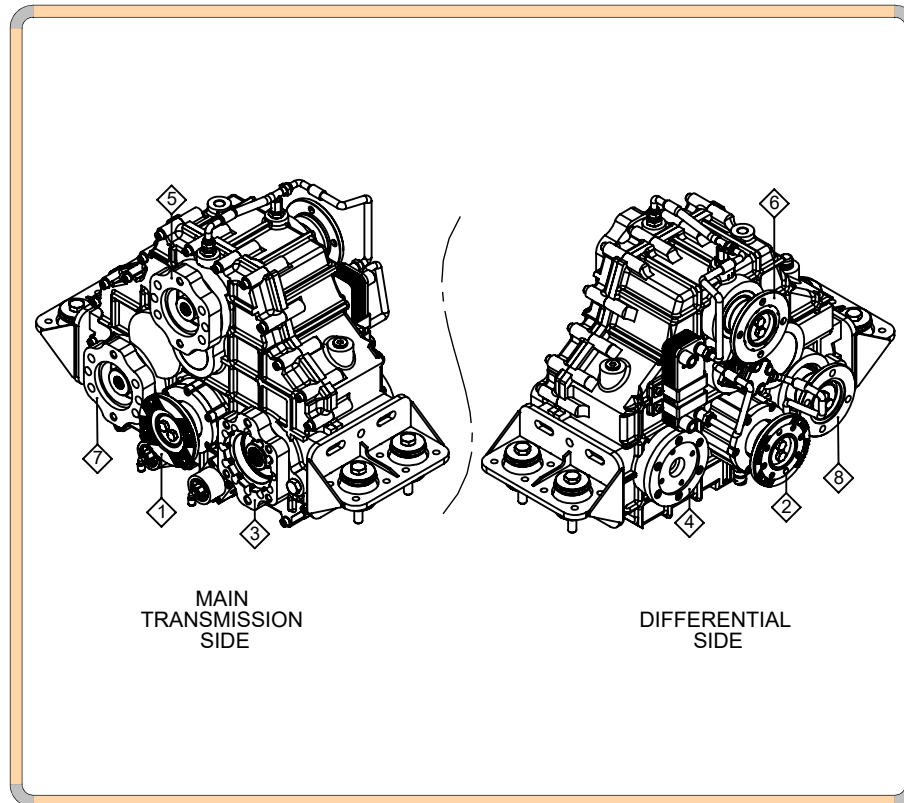
Website: www.kozmaksan.net

USAGE FOR HYDROSTATIC DRIVE APPLICATIONS

TECHNICAL INFORMATION

| TECHNICAL VALUES | | | |
|------------------|------------------------------|----------------|---------|
| | MAX. VALUES | INTERNAL RATIO | MAX RPM |
| ① & ② | 5790 LBS-FT | 1/1 | |
| ③ + ④ | 147 HP | 1/1 | |
| ⑤ + ⑥ | 94 HP | 1/3,9 | |
| ⑦ + ⑧ | 2530 LBS-FT (Hydrostatic) | 4/1 | |

| | |
|----------------------|-----------------|
| WEIGHT | 418 lbs |
| BODY MATERIAL | GH190 |
| TYPE OF OIL&QUANTITY | 80W 90 & 336 oz |



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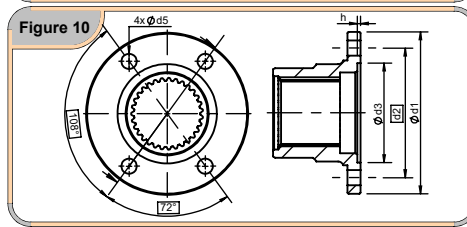
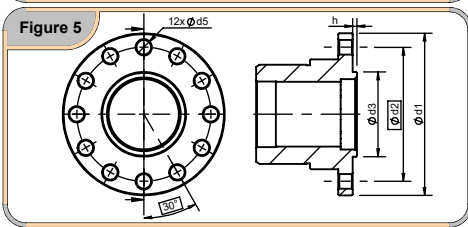
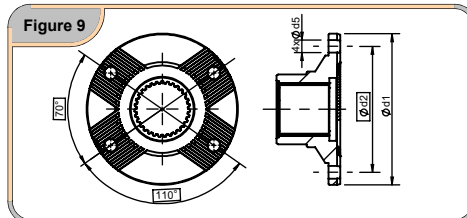
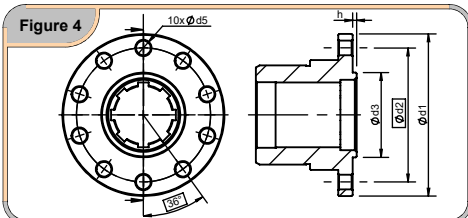
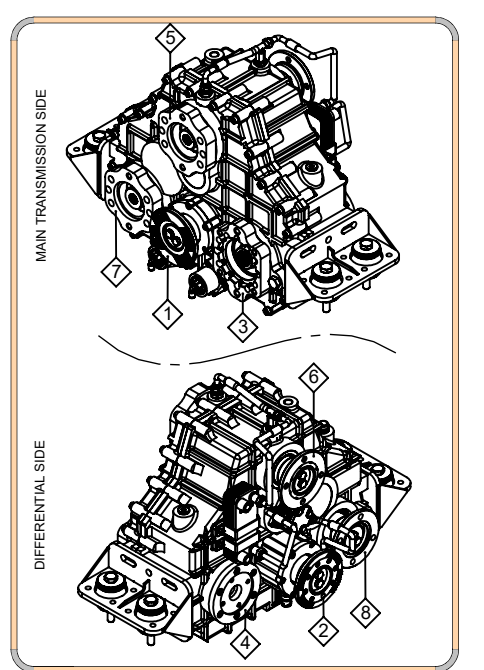
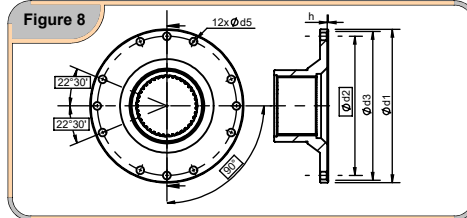
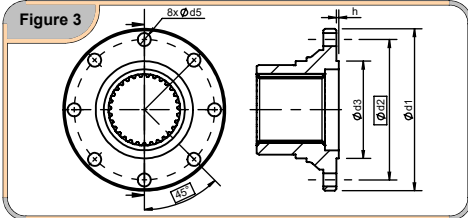
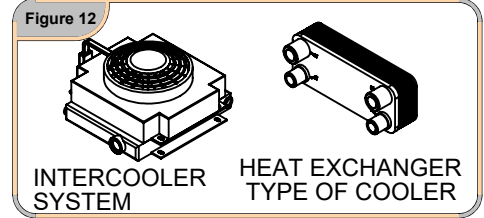
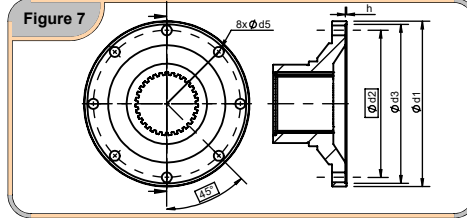
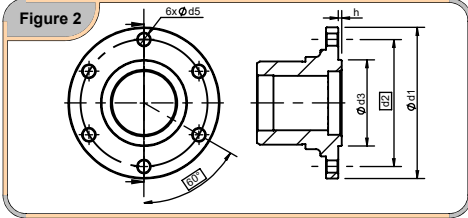
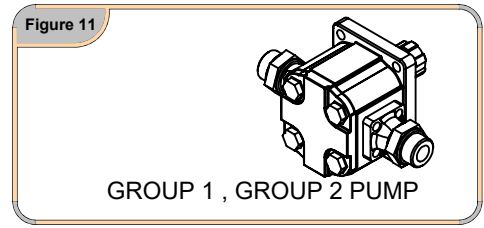
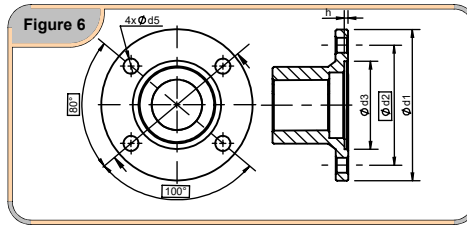
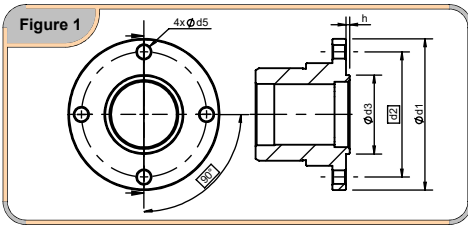
Address : 06370 TURKEY Phone: +903122673971

E-Mail : export@zmaksan.com.tr

Website: www.kozmaksan.net

USAGE FOR HYDROSTATIC DRIVE APPLICATIONS

OPTIONS



| Figure No | No of Bolt | Ø d1 | Ø d2 | Ø d3 | Ø d5 | h | Standard | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|------------|------|------|------|------|------|-------------------|---------|---------|---|---|---|---------|---|---------|
| 1 | - | - | - | - | - | - | | | | | | | | | |
| 2 | 6 | 3,93 | 3,30 | 2,24 | 0,31 | 0,09 | | | | | | | | | |
| 3 | 8 | 4,72 | 3,99 | 2,95 | 0,39 | 0,09 | ISO 7646-DIN 120 | C06-154 | C06-154 | | | | C06-154 | | C06-154 |
| 3 | 8 | 5,90 | 5,11 | 3,54 | 0,47 | 0,09 | ISO 7646-DIN 150 | C06-044 | C06-044 | | | | C06-044 | | C06-044 |
| 4 | - | - | - | - | - | - | | | | | | | | | |
| 6 | 4 | 5,74 | 4,75 | 3,75 | 0,47 | 0,09 | ISO 7647-SAE 1500 | C06-028 | C06-028 | | | | C06-028 | | C06-028 |
| 6 | 4 | 4,56 | 3,75 | 2,75 | 0,47 | 0,09 | | | | | | | | | |
| 6 | 4 | 3,81 | 3,12 | 2,37 | 0,39 | 0,07 | | | | | | | | | |
| 6 | 4 | 3,42 | 2,75 | 2,24 | 0,31 | 0,07 | | | | | | | | | |
| 7 | 8 | 6,88 | 6,12 | 6,62 | 0,39 | 0,05 | | | | | | | | | |
| 8 | - | - | - | - | - | - | | | | | | | | | |
| 9 | 4 | 6,88 | - | 0,59 | - | - | ISO 8667- T 180 | C06-005 | C06-005 | | | | C06-005 | | C06-005 |
| 9 | 4 | 5,90 | - | 0,51 | - | - | ISO 8667- T 150 | C06-013 | C06-013 | | | | C06-013 | | C06-013 |
| 10 | - | - | - | - | - | - | | | | | | | | | |

USAGE FOR HYDROSTATIC DRIVE APPLICATIONS

OPTIONS

Figure 20

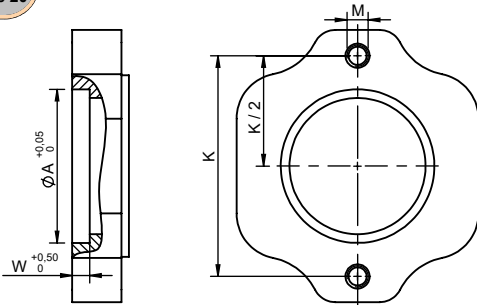


Figure 21

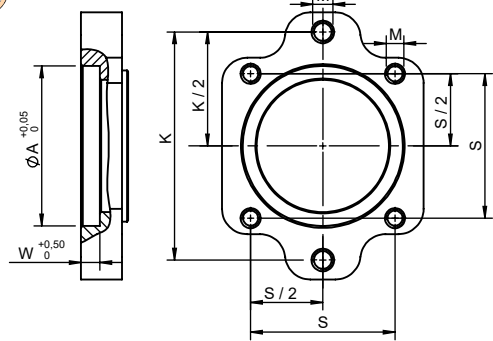
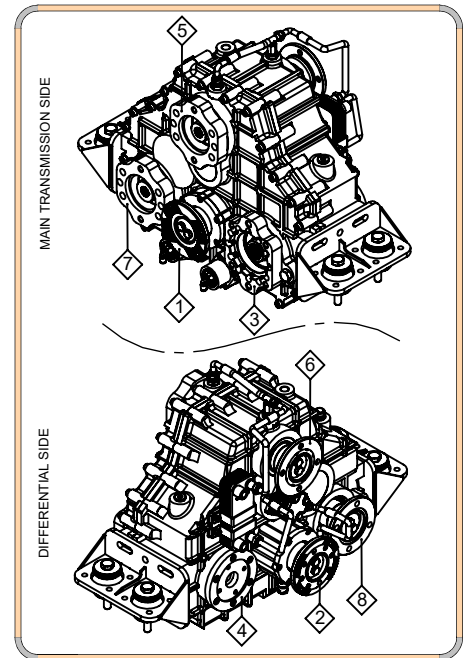
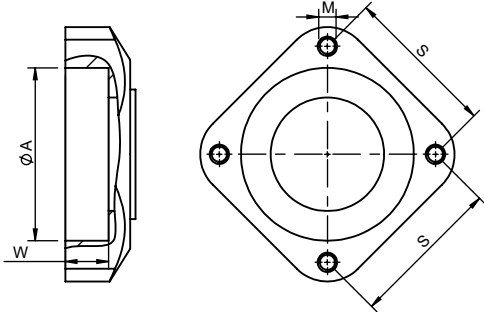


Figure 22



| Figure No | No of Bolt | Ø A | W | K | S | M | Mounting Flanges Standard | Spline Shaft | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
|-----------|------------|-----|------|------|------|-----|---------------------------|---------------------|----------------|---|----------------|---|----------------|---|
| 20 | 2 | 4 | 0,45 | 5,74 | - | M14 | SAE J 744 (B) | 13 T 16/32 DP (B) | D05-236 | | D05-236 | | D05-236 | |
| 20 | 2 | 4 | 0,45 | 5,74 | - | M14 | SAE J 744 (B) | 15 T 16/32 DP (B-B) | D05-236 | | D05-236 | | D05-236 | |
| 21 | 2 | 5 | 0,59 | 7,12 | - | M16 | SAE J 744 (C) | 14 T 12/24 DP (C) | D05-163 | | D05-163 | | D05-163 | |
| 21 | 2 | 5 | 0,59 | 7,12 | - | M16 | SAE J 744 (C) | 23 T 16/32 DP | D05-163 | | D05-163 | | D05-163 | |
| 21 | 4 | 5 | 0,59 | - | 4,50 | M16 | SAE J 744 (C) | - | | | | | | |
| 22 | 4 | 6,3 | 1,57 | - | 5,56 | M16 | ISO 3019-2 / 160 | - | | | | | | |
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