

USAGE FOR CESSPIT EMTIERS&WATER JETTING TRUCKS

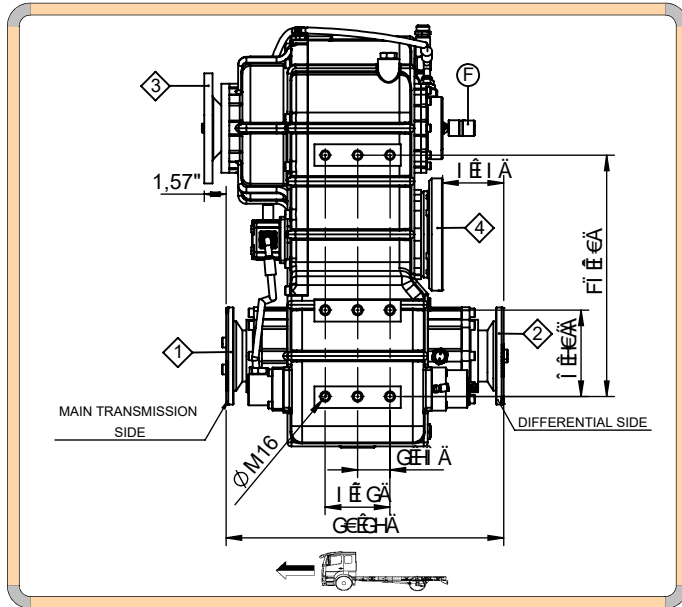
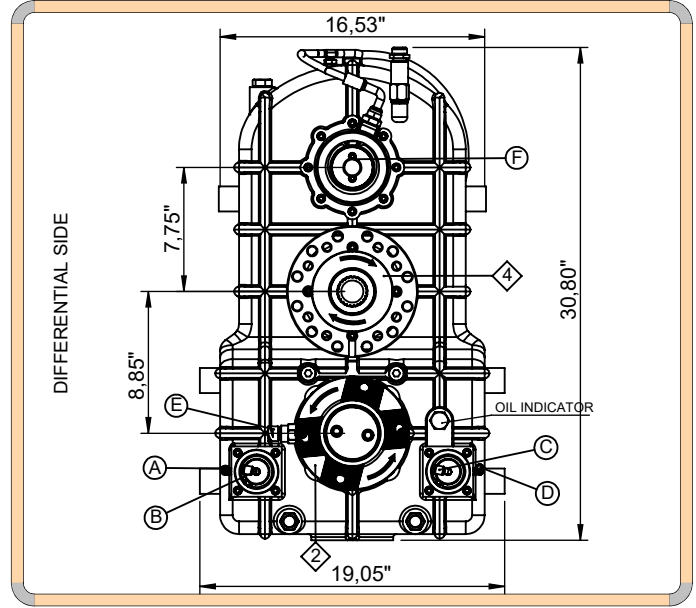
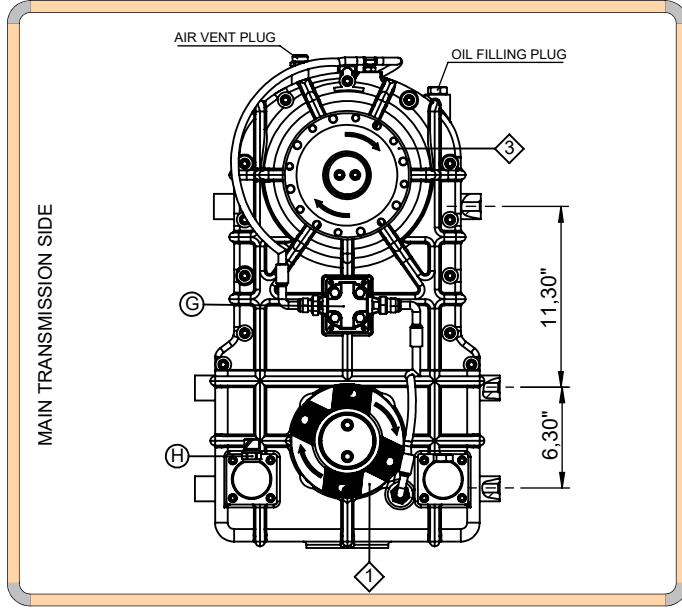
GENERAL DEFINITIONS



- 3800 KGM Vertical Split Shaft PTO which is Designed with Clutch Mechanism and it Provides Hot Shift Feature.
- PTO Output is Capable To Transmit Up To 200 kW Max. At 3500 RPM
- The Hot Shift Featured Gearbox Can Be Installed As Horizontal If Needed.
- UARA.3005 Can Provide 100% Of Input Speed.
- PTO Output Can Be At Differential Side Or Cabin Side.
- Second PTO Output is An Option.
- In Case Of Double PTO Output is Requested, PTO Outputs Can Be Shifted Independently.
- PTO Outputs Can Be Design With All ISO Standard Flanges As Well As Suitable Housing For Any Kind Of Hydraulic Pump.
- Cooling System Can Be Mount On The Gearbox.
- Engage/Disengage Sensor & RPM Counter is An Option.
- Even Though It is Generally Used For Sewage Cleaning Trucks, It Can Be Used Any Application Which Needs Hot Shift Feature.

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PTO OUTPUT DEFINITIONS



①	Main Input
②	Main Output
③	1st. PTO Output
④	2nd. PTO Output (Optional)
A	Air Inlet: Main Drive is Engaged
B	Air Inlet: Main Drive is Disengaged
C	Air Inlet: 1st. PTO Output is Engaged
D	Air Inlet: 1st. PTO Output is Disengaged
E	RPM Counter (Optional)
F	Air Inlet: 1st. PTO Output is Engaged
G	Lubrication Pump
H	Engage/Disengage Sensor (Optional)

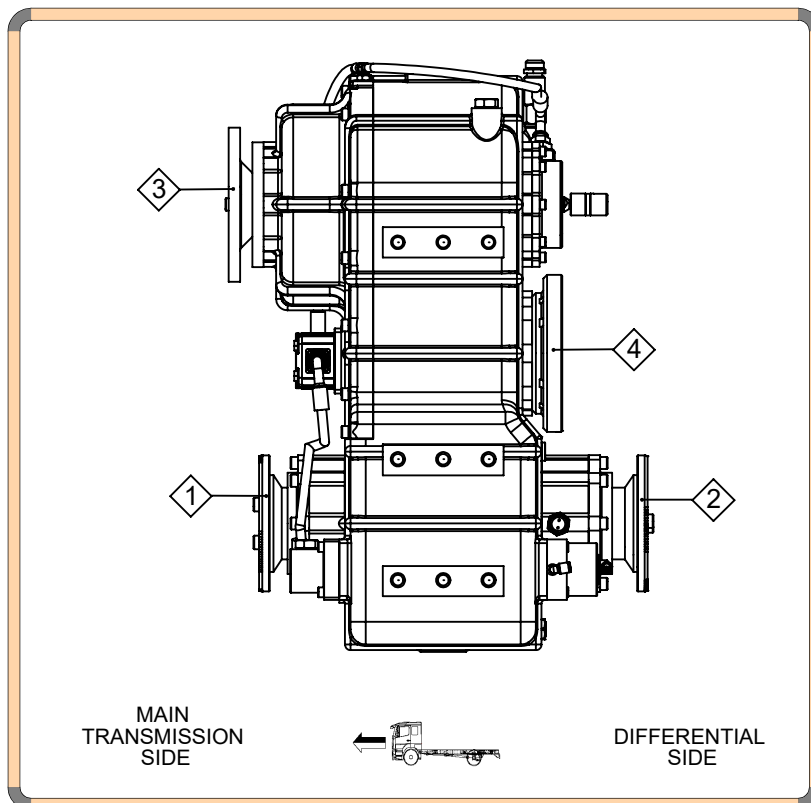
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- Pumps, shafts and other parts should not be longer or heavier than approved distance and weight by the manufacturer of main transmission and engine.

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TECHNICAL INFORMATIONS

TECHNICAL VALUES			
	MAX. VALUES	INTERNAL RATIO	MAX. RPM
① & ②	27485 LB-FT	1/1	
③	268 HP	1/1.1 1/1.5	2500 RPM-3500 RPM
④	241 HP	1/1,25	2500 RPM-3500 RPM

WEIGHT	705 lbs
BODY MATERIAL	GH190
OIL TYPE QUANTITY	ATF 320 406 oz



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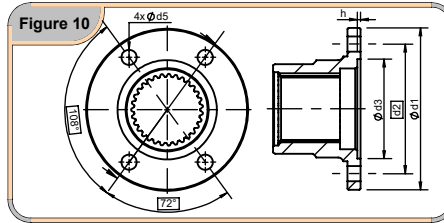
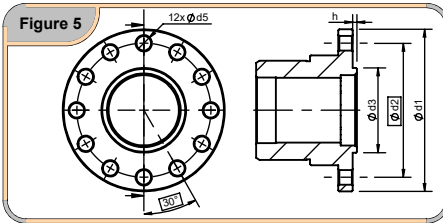
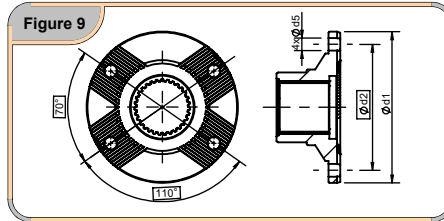
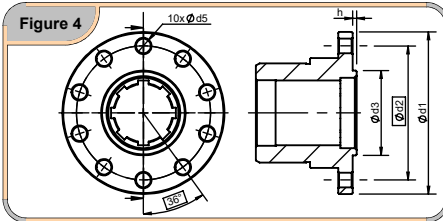
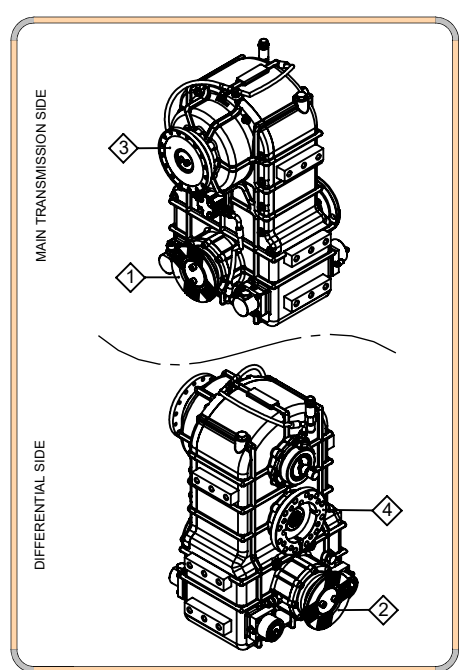
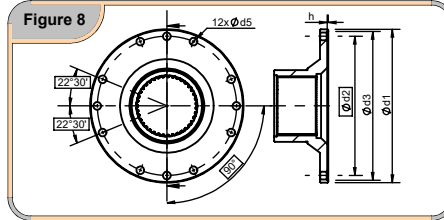
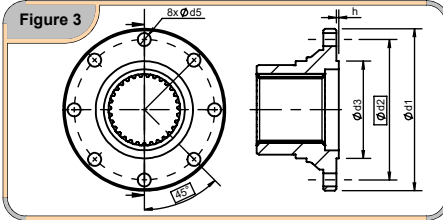
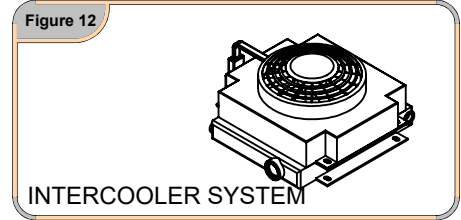
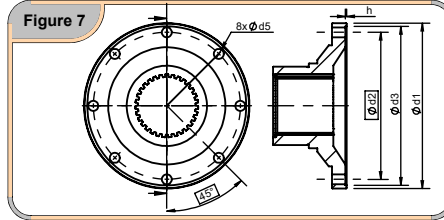
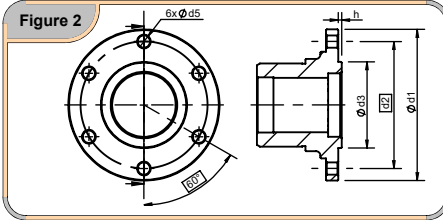
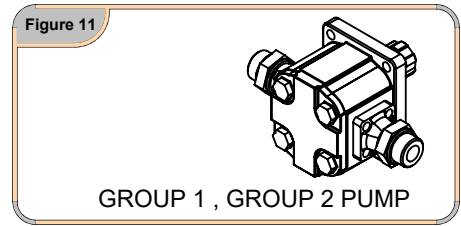
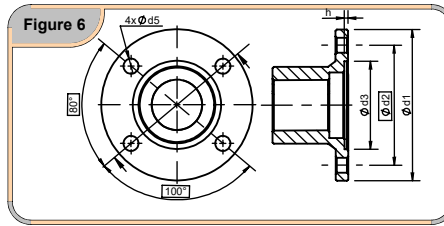
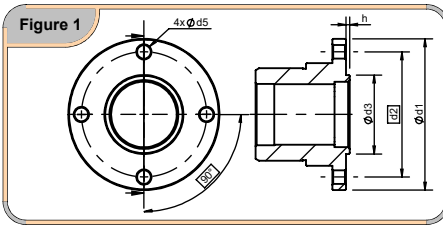


Figure No	No of Bolt	Ø d1	Ø d2	Ø d3	Ø d5	h	Standard	1	2	3	4	5	6	7	8	
2	6	3,93"	3,30"	2,24"	0,31"	0,09"										
3	8	4,72"	4"	2,95"	0,39"	0,09"	ISO 7646 - DIN 120				C06-145					
3	8	5,90"	5,11"	3,54"	0,47"	0,09"										
-	-	-	-	-	-	-										
6	4	3,81"	3,12"	2,37"	0,39"	0,09"										
6	4	4,56"	3,75"	2,75"	0,47"	0,09"										
6	4	5,74"	4,75"	3,75"	0,47"	0,09"										
7	8	6,88"	6,12"	6,62"	0,39"	0,05"	ISO 7647-SAE1600	C06-086	C06-086							
7	8	8"	7,25"	7,75"	0,39"	0,05"	ISO 7647-SAE1700				C06-125					
8	12	8"	7,25"	7,75"	0,39"	0,05"	ISO 7647-SAE1800	C06-158	C06-158							
-	-	-	-	-	-	-										
9	4"	4,72"	-	0,47"	0,43"	-										
9	4"	5,90"	-	0,51"	0,51"	-	ISO 8667 - T 150	C06-038	C06-038	C06-157						
9	4"	7,08"	-	0,59"	0,59"	-	ISO 8667 - T 180	C06-036	C06-036							

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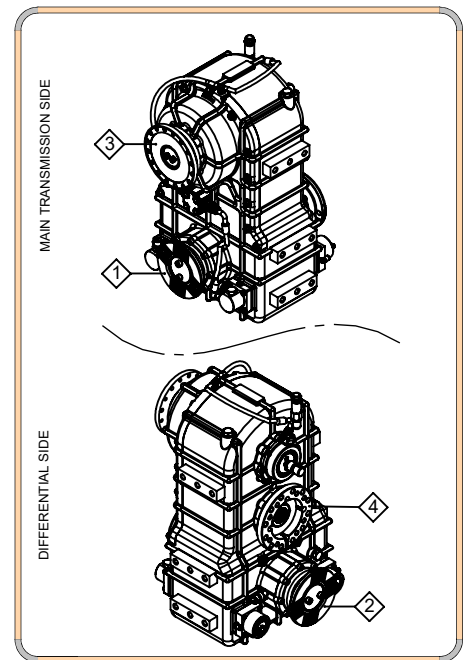
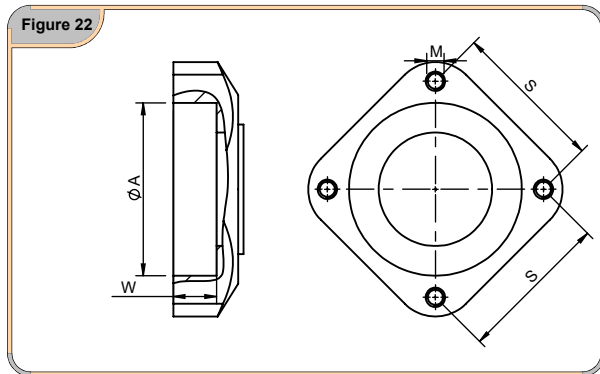
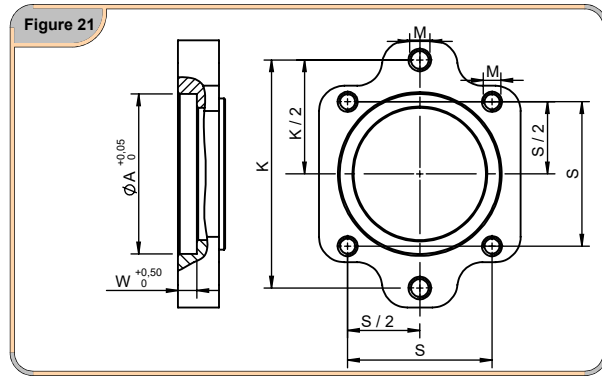
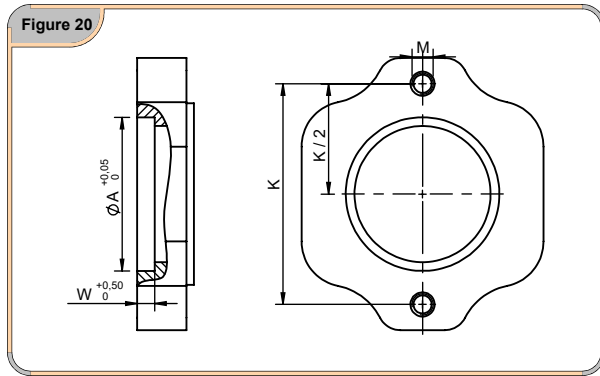


Figure No	No of Bolt	Ø A	W	K	S	M	Mounting Flange Standards	Spline Shaft	3	4	5	6	7	8
20	2	4"	0,45"	5,74"	-	M14	SAE J 744 (B)	13 T 16/32 DP (B)						
20	2	4"	0,45"	5,74"	-	M14	SAE J 744 (B)	15 T 16/32 DP (B-B)		D05-252				
21	2	5"	0,59"	7,12"	-	M16	SAE J 744 (C)	14 T 12/24 DP (C)		D05-287				
21	2	5"	0,59"	7,12"	-	M16	SAE J 744 (C)	23 T 16/32 DP						
21	4	5"	0,59"	-	4,50"	M16	SAE J 744 (C)	-						
22	4	6,30"	1,57"	-	5,56"	M16	ISO 3019-2 / 160	-						