

TRANSFER BOX K10-360 HD

TIPO: 3 ejes con alta y baja e inter-diferencial.

USO: 6x6 permanente con bloqueo manual de inter-diferencial.

APLICACIÓN: militar, forestal, vehículos de rescate.

CARACTERISTICAS:

Torque máx. de entrada: 20.000 Nm (2.000 Kgm)

Potencia máx.: 360 HP

Peso Bruto máx.: 30.000 Kg

Comando de selectora: neumático/electroneumático

Ratio alta: 0.95/1

Ratio baja: 1.31/1

Repartición de tracción: 1/3 delantera y 2/3 trasera

Lubricación: forzada por bomba de aceite.

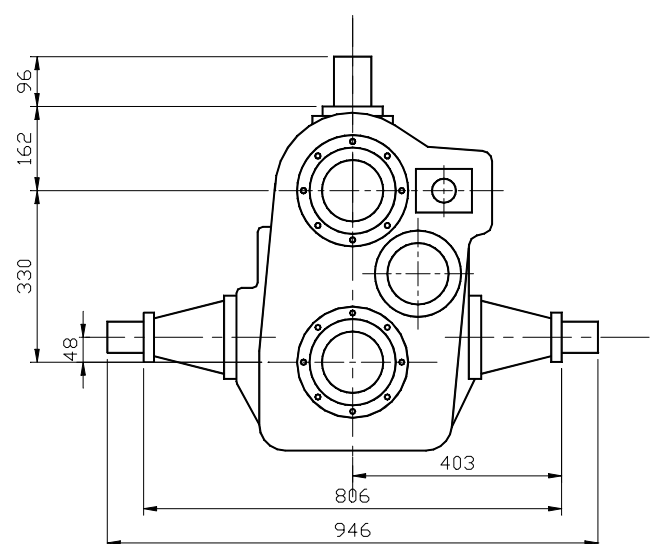
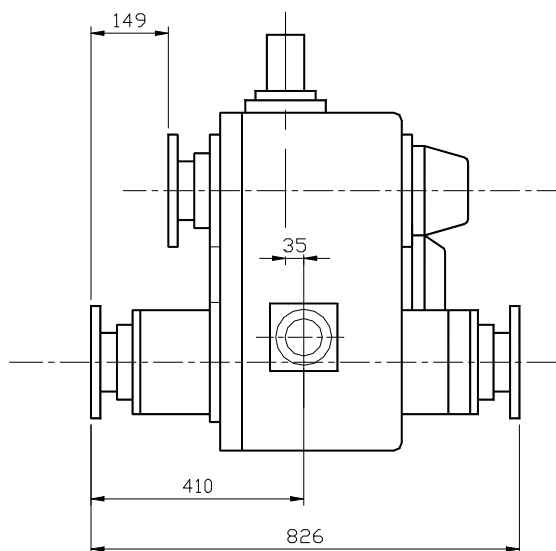
Capacidad y tipo de aceite: 8,2 lts – SAE 90 API GL4

Toma de fuerza: opcional.

Montaje: 3 puntos suspendidos mediante bujes de goma

Peso seco: 280 Kg.

DIMENSIONES:



TRANSFER BOX K10-360 Part List (Fig. 1)

- 1 – Main drive shaft
- 2 – Transfer box drive flange
- 3 – Main drive shaft front bearing cover
- 4 – Casing cover
- 5 – Transfer box casing
- 6 – Low speed gear
- 7 – Sliding splined clutch
- 8 – High speed gear
- 9 – Roller bearing
- 10 – Ball bearing
- 11 – Spacer bushing
- 12, 15, 46 – Washers
- 13 – Primary shaft rear bearing cover
- 14 – Oil delivery pipe
- 16 – Countershaft
- 17 – Countershaft rear bearing cover
- 18 – Countershaft driven gear
- 19 – Power take-off gear
- 20 – Clutch with spacer bushing
- 21 – Forward rear axle drive shaft
- 22 – Forward rear axle drive shaft
- 23 – Forward rear axle drive shaft bearing cover
- 24 – Electric speedometer driving gear
- 25 – Electric speedometer driven gear
- 26 – Spacer sleeve
- 27 – Crown gear
- 28 – Differential case
- 29 – Sun gear
- 30 – Carrier
- 31 – Axle drive driven gear
- 32 – Differential carrier hold-down nut
- 33 – Front axle drive shaft
- 34 – Differential lock engagement clutch
- 35 – Front axle drive housing
- 36 – Bearing cover
- 37 – Front axle drive flange
- 38 – Flange hold-down nut
- 39 – Locking ring
- 40 – Pinion
- 41 – Axle drive driving gear
- 42 – Oil pump driven gear
- 43 – Oil pump
- 44 – Oil pump driving shaft
- 45 – Nut
- 47 – Sealing cup
- 48, 52, 64, 65 – Clutch shift forks
- 49 – Power take-off shaft
- 50 – Power take-off driven gear
- 51, 66, 74 – Access covers
- 53 – Differential lock switch

- 54 – Power take-off engagement pneumatic chamber
- 55 – Primary shaft disengagement bolt
- 56, 57 – Locknuts
- 58 – Rod nut
- 59 – Washer
- 60 – Diaphragm
- 61 – Pneumatic chamber cover
- 62 – Pneumatic chamber casing
- 63 – Sealing ring
- 67 – Transfer box attachment bracket
- 68 – Driving axles disengagement pneumatic chamber
- 69 – Pneumatic chamber rod
- 70 – Drain plug
- 71 – Oil intake cover
- 72 – Locking strap
- 73 – Pipe to supply oil to primary shaft gear bushing
- 75 – Interaxle differential locking pneumatic chamber.

Note: position 49, 50, 52, 54 and 68 are not mounted in the transfer box.

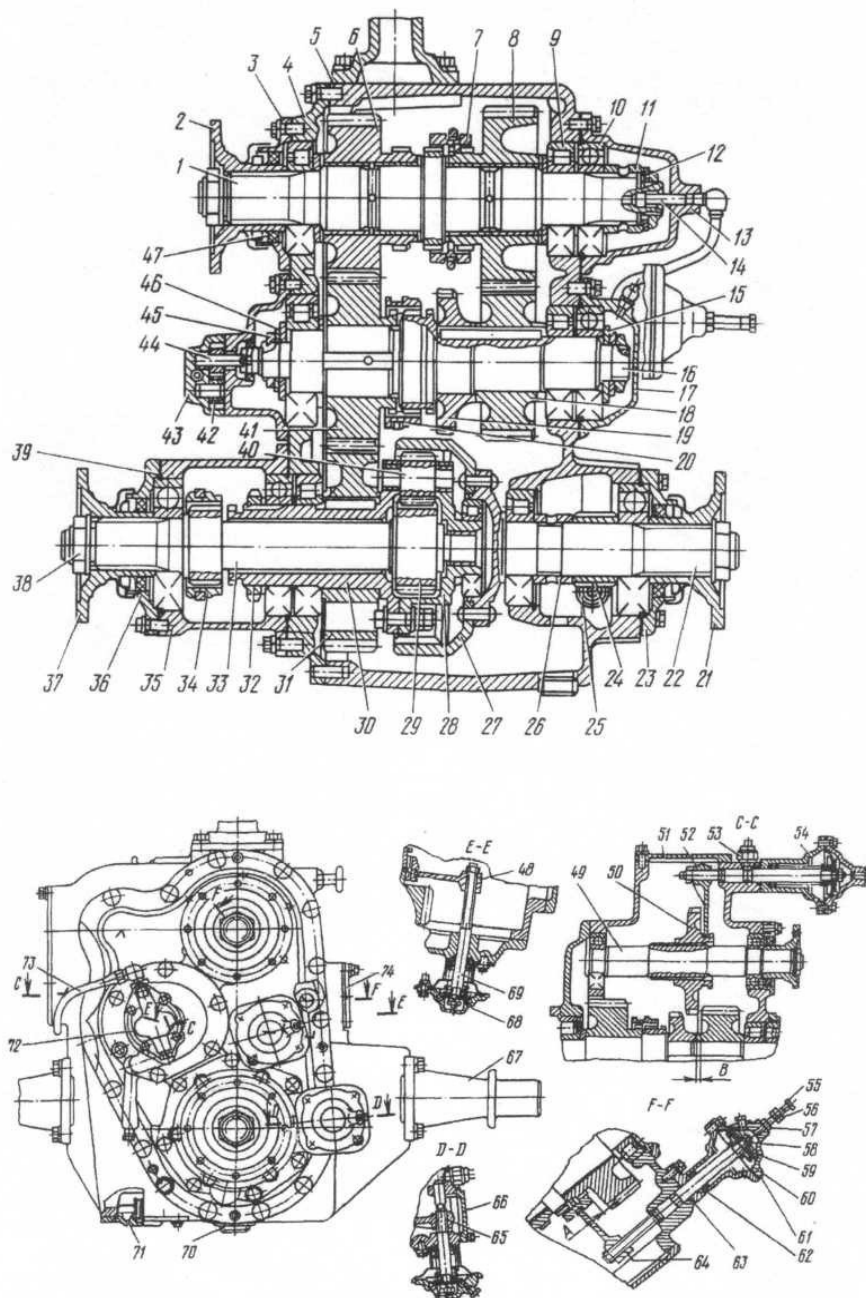


Figure 1

SPARE PARTS LIST RECOMMEND:

Nº	Part number		Description	Qty.
1	260	1801030	PAD	3
2	260	1802025	SHAFT	1
3	6443	1802034	GEAR	1
4	260	1802038	GEAR	1
5	260	1802041	WASHER	2
6	260	1802042	BUSHING	2
7	6443	1802088	GEAR	1
8	260	1802095	GEAR	1
9	260	1802099	GASKET	2
10	260	1802110	DRIVE SHAFT	1
11	260	1802114	GEAR	1
12	260	1802119	WASHER	2
13	260	1802121	WASHER	1
14	260	1802124	WASHER	1
15	260	1802177	BUSHING	2
16	256E	1802191	COLLAR	5
17	260	1803018	COUPLING	1
18	260	1803024	20 ROD	2
19	260	1804080	CASING	3
20	260	1804081	GASKET	3
21	260	1804082	SPRING	2
22	260	1804083	GASKET	3
23	210	2402052	A2 COLLAR	5
24	255Л	2732028	DIAFRAGM	5
25	BK418	3716000	ALARM SWITCH	2
26	6443	3802033	GEAR	2
27	6443	3802034	GEAR	2
28	250	3802126	COLLAR ASSY	4
29		50218	BEARING	1
30		50312	BEARING	1
31		12212KM	BEARING	1
32		12218KM	BEARING	1
33		12312KM	BEARING	1
34		102314M	BEARING	1