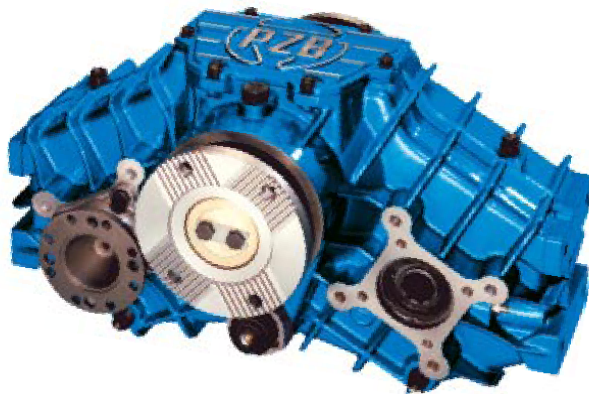




SPLIT-SHAFT UNIT 2000 KGM **3.2.90.1.**
3000 KGM **3.2.90.2.**



- ✓ Inserted in the driveshaft between gearbox and rear axle.
- ✓ PTO torque capability: 130 kgm max each output shaft at 1500 rpm.
- ✓ Four - two to front, two to rear - independently shiftable PTO's for hydraulic pumps or prop-shaft drive.
- ✓ "Constant-mesh" output options on request.
- ✓ Clutch unit p.n. 3.5.1.068.0000 capable of 60 kgm suitable for "constant-mesh" output direct mounting.
- ✓ Auxiliary power available with the vehicle in motion.
- ✓ Drive connection to rear axle independent on PTO operation.
- ✓ Provision for electronic tachograph (Mannesmann VDO type):
code 0.99.00.737.00 (dynamic with faston-type joint),
code 0.99.00.738.00 (static with faston-type joint),
code 0.99.00.739.00 (static with plug type joint).
- ✓ Provision for switch for warn light when main drive is disconnected.
- ✓ Max throughput rpm: **3.500 rpm**

TORQUE RATING THROUGH THE MAIN DRIVE SHAFT:

2000 kgm for 3.2.90.1

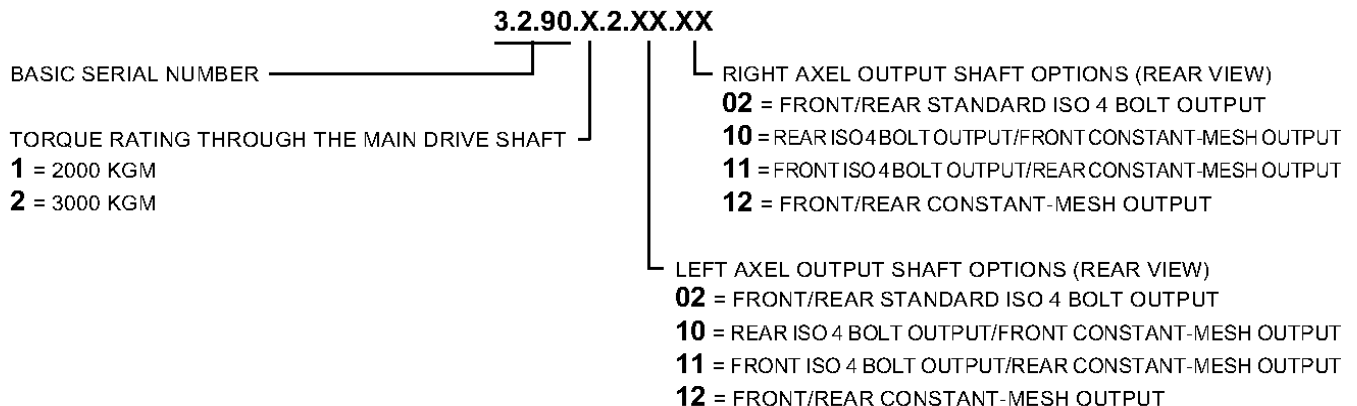
3000 kgm for 3.2.90.2

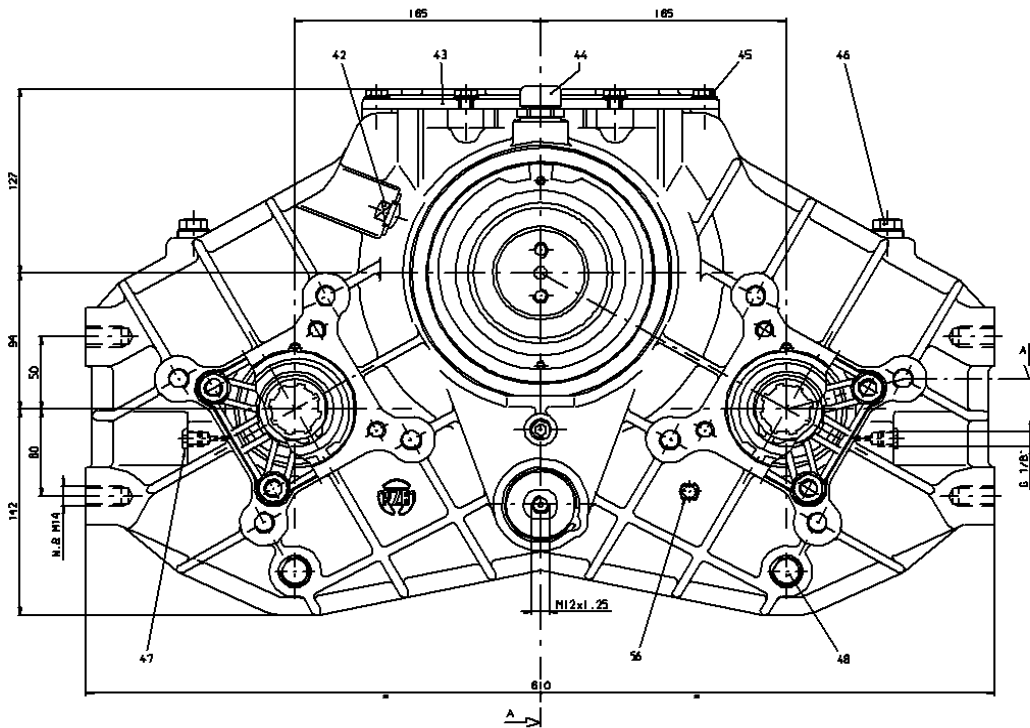
AVAILABLE PTO OUTPUT RATIOS: 1,28:1

ROTATION: opposite engine

WEIGHT 3.2.90.1: kg. 103 (without flanges)

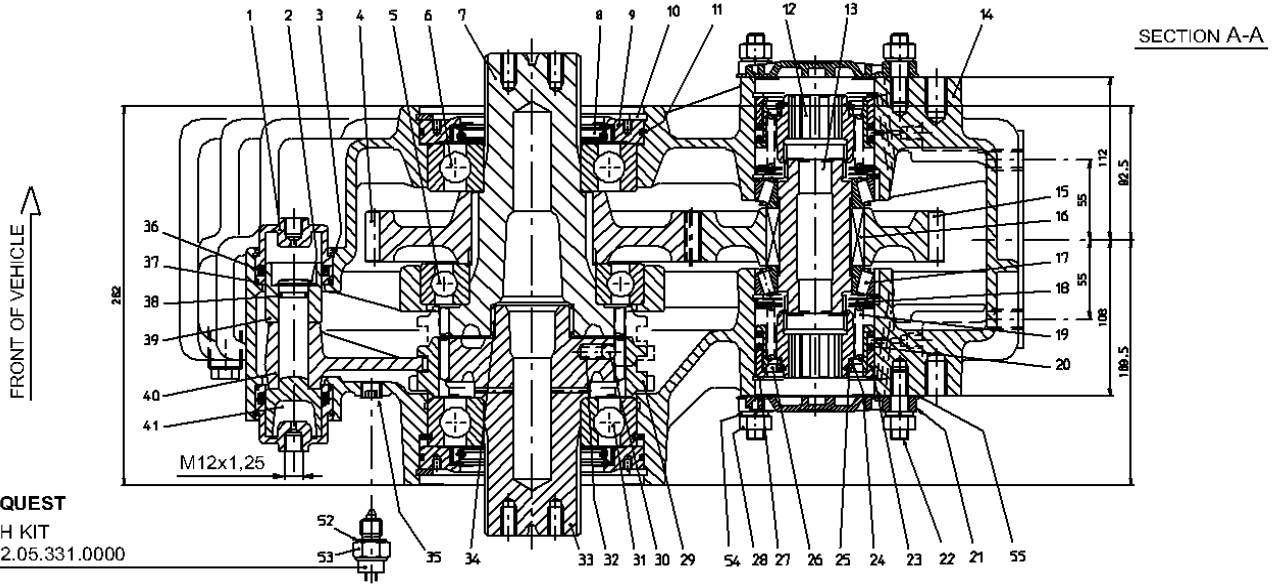
3.2.90.2: kg. 106 (without flanges)





REAR VIEW

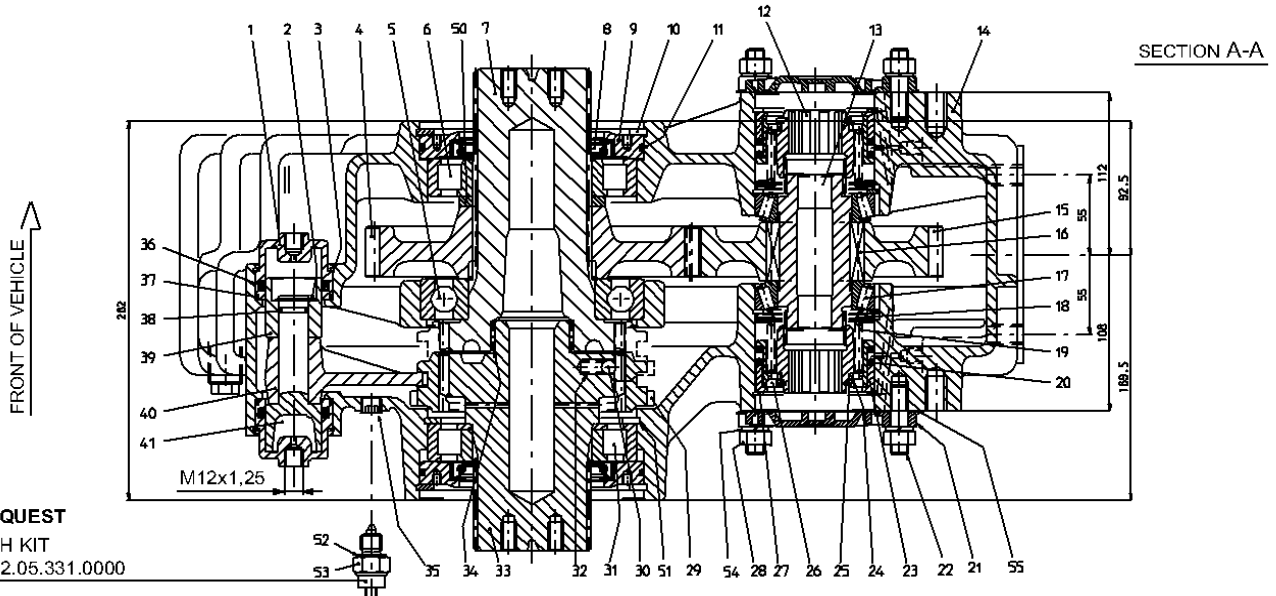
VERSION 3.2.90.1.



SECTION A-A

ON REQUEST
SWITCH KIT
CODE 2.05.331.0000

VERSION 3.2.90.2.



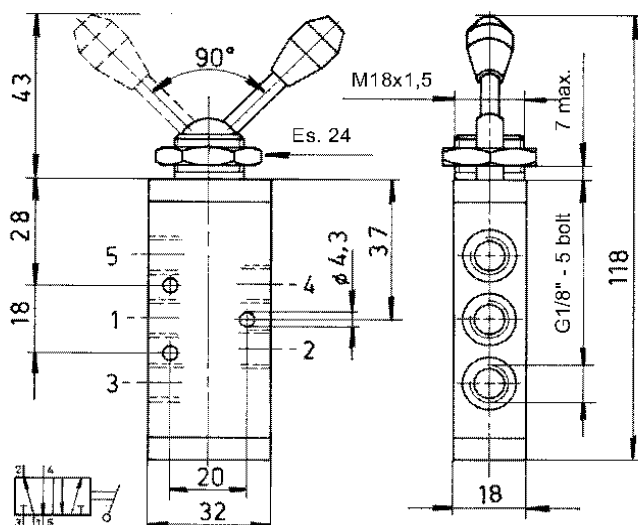
SECTION A-A

ON REQUEST
SWITCH KIT
CODE 2.05.331.0000

REF.	CODE	DESCRIPTION	QT.
1	1.08.01.001.00	Cylinder 218B/5	2
2	0.07.01.022.00	Circlip 20e UNI 7435	1
3	0.07.05.002.00	Circlip SB52	2
4	1.11.03.107.00	Gear 50 T (P.T.O. 3.2.90.1)	1
	1.11.03.109.00	Gear 50 T (P.T.O. 3.2.90.2)	
5	0.10.01.042.00	Bearing 6217	1
6	0.10.01.040.00	Bearing 6313 (P.T.O. 3.2.90.1)	1
	0.10.03.021.00	Bearing NJ 216 (P.T.O. 3.2.90.2)	
7	1.13.01.151.00	Shaft (P.T.O. 3.2.90.1)	1
	1.13.01.161.00	Shaft (P.T.O. 3.2.90.2)	
8	0.08.01.091.00	Seal 90x110x12 Viton	2
9	1.27.02.122.00	Ring	2
10	0.07.02.046.00	Circlip 150i UNI 7437	2
11	0.08.02.140.00	O-Ring OR 4562 Viton	2
12	1.17.02.071.00	Splined sleeve	4
13	1.13.02.040.00	Shaft	2
14	1.01.05.010.00	Housing	1
15	1.11.10.108.00	Gear 39 T	2
16	0.06.01.018.00	Key 14x9x40 UNI 6604 - type "B"	4
17	0.10.05.027.00	Bearing 32010X	4
18	1.26.01.132.00	Ring	4
19	1.28.01.075.00	Coil spring	4
20	0.08.02.119.00	O-Ring OR 6275 Viton	8
21	1.24.01.113.00	Cover	4
22	0.02.02.031.00	Stud M12x30 UNI 5911	16
23	1.27.02.079.00	Ring	4
24	1.26.01.085.00	Spacer	4
25	0.07.01.016.00	Circlip 42e UNI 7435	4
26	1.21.02.025.00	Piston	4
27	0.07.02.012.00	Circlip 80i UNI 7437	8
28	0.03.01.019.00	Hex nut M12 ch. 17	16

REF.	CODE	DESCRIPTION	QT.
29	1.17.02.080.00	Splined sleeve	1
30	0.11.01.002.00	Ball 3/8"	3
31	0.10.01.041.00	Bearing 6313NR (P.T.O. 3.2.90.1)	1
	0.10.03.022.00	Bearing NUP 216 (P.T.O. 3.2.90.2)	
32	1.28.01.006.00	Coil spring mod.15	3
33	1.13.01.152.00	Shaft (P.T.O. 3.2.90.1)	1
	1.13.01.162.00	Shaft (P.T.O. 3.2.90.2)	
34	0.10.06.017.00	Needle cage K50x55x20H	1
35	0.12.01.077.00	Plug M14x1,5 DIN 906	1
36	0.08.02.137.00	O-Ring OR 6150 Viton	2
37	0.08.02.138.00	O-Ring OR 3187 Viton	2
38	0.08.02.136.00	O-Ring OR 119 Viton	1
39	1.21.02.038.00	Piston	1
40	1.22.01.044.00	Fork	1
41	1.21.01.030.00	Piston	1
42	0.12.01.049.00	Plug 18x1,5 FIAT 1/43236/11	1
43	1.24.01.094.00	Cover	1
44	0.12.01.115.00	Filler-breather G1/2"	1
45	0.01.01.076.00	Capscrew TE with flange M8x20 DIN 6921	6
46	0.12.01.065.00	Plug 22x1,5 FIAT 1/43244/11	2
47	0.12.01.059.00	Plug U-908G1/8	4
48	0.12.01.002.00	Plug FIAT 1/43262/11	2
50	1.26.01.122.00	Spacer (P.T.O. 3.2.90.2)	1
51	0.07.02.047.00	Circlip 140i UNI 7437 (P.T.O. 3.2.90.2)	1
ON REQUEST: KIT SWITCH 2.05.331.0000			
52	0.04.01.108.00	Washer 14,5x20x0,5	1
53	0.99.00.160.00	Indicator switch	1
54	0.04.08.002.00	Lockwasher 12,5 DIN 7980	16
55	1.29.01.131.00	Gasket	4
56	0.12.01.114.00	Oil level plug	1

**ON REQUEST:
DOUBLE-ACTING AIR CONTROL TO CONNECT/DISCONNECT MAIN DRIVE
CODE 0.00.04.023.00**



SPECIFICATIONS

Fluid:	Air, filtered and oiled
Operating pressure:	10 Bar max.
Operating temperature:	from -5°C to +70°C

ON REQUEST: MOUNTING BRACKET KIT CODE 2.99.101.0000

Mounting kits are available for easy installation of the 3.2.90.1 and 3.2.90.2 Split-Shaft Units in the truck chassis.

The kit includes brackets and elastic suspension elements.

