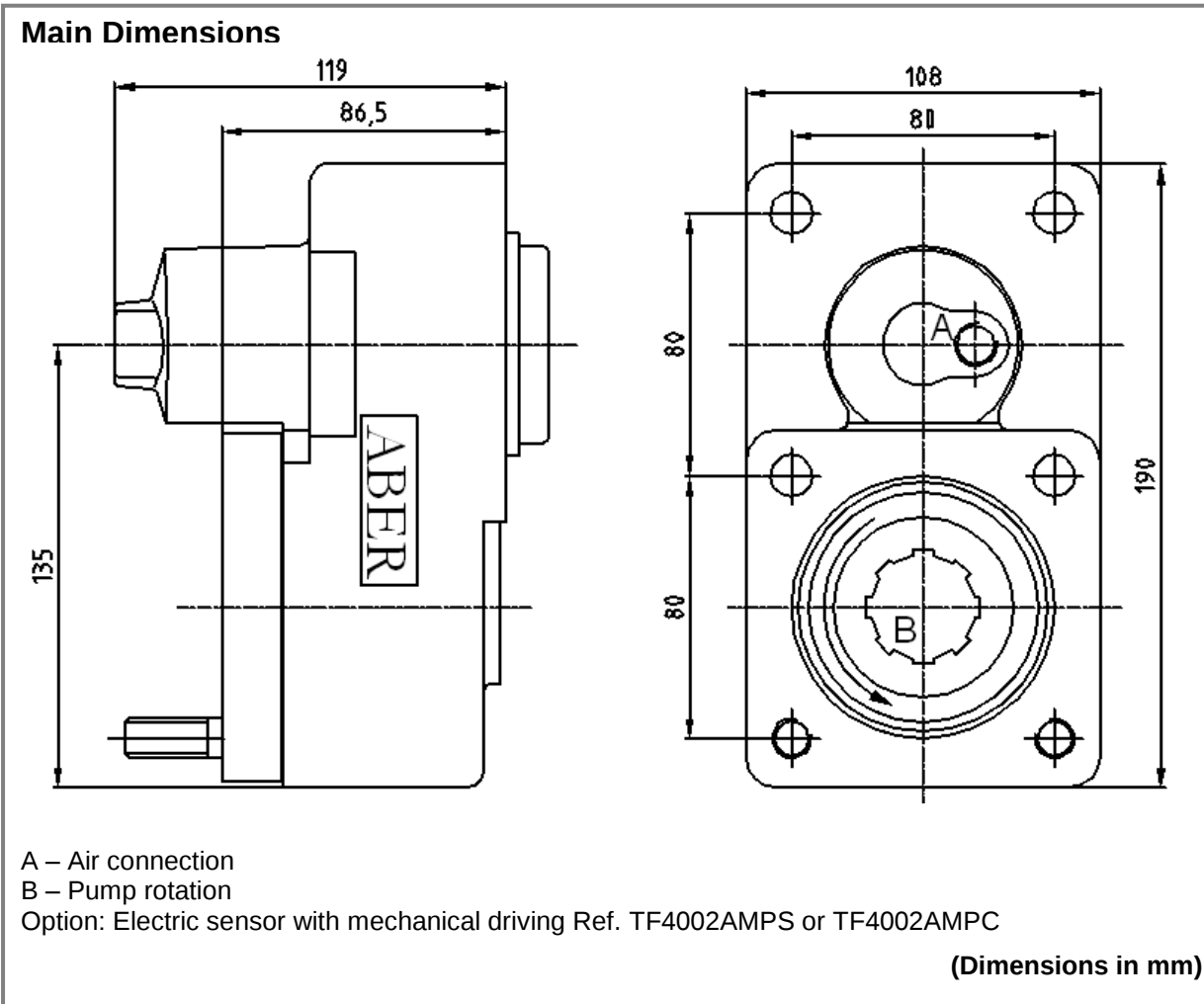




Power Take Offs		Ref. TF4001AMP
Relation 1 : 1,32		
ZF	S5-35	

To apply with Gear Pumps or with Piston Pumps



Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	7,5
PTO internal ratio	1:1,32
Indicative ratio from motor to PTO's output	
S5-35 / 5.64	.- 1 : 0.828
/ 6.45	.- 1 : 0.726
/ 6.75	.- 1 : 0.693
/ 6.79	.- 1 : 0.879
/ 7.65	.- 1 : 0.609
/ 8.02	.- 1 : 0.580

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Power Take Offs		Ref. TF4001SP
Relation 1 : 1		
ZF	S5-35	

To apply with Gear Pumps or Piston Pumps

Main Dimensions

The technical drawing shows two views of the ABER TF4001SP. The front view on the left shows a height of 108 mm and a width of 67 mm. The top view on the right shows a square flange with a side length of 108 mm and a central circular opening with a diameter of 80 mm. Four mounting holes are located at the corners, each with a diameter of 13 mm. Label A points to the air connection at the top. Label B points to the pump rotation arrow. Label C points to an optional electric sensor on the side. A note specifies the mounting holes as A 8x32x36 DIN 5462.

A – Air connection
B – Pump rotation
C – Option: Electric sensor with mechanical driving Ref. TF4001SPS or TF4001SPC

(Dimensions in mm)

Main Data	
Continuous Torque (Nm)	400
Intermittent Torque (Nm)	520
Power (at 1000 rpm)	57 cv / 42 kW
Mounting Position	Rear
Pump Rotation	Left Hand
Weight (kg)	2.4
PTO internal ratio	1:1
Indicative ratio from motor to PTO's output	
S5-35 / 5.64	.- 1 : 0.628
/ 6.45	.- 1 : 0.550
/ 6.75	.- 1 : 0.525
/ 6.79	.- 1 : 0.666
/ 7.65	.- 1 : 0.462
/ 8.02	.- 1 : 0.440

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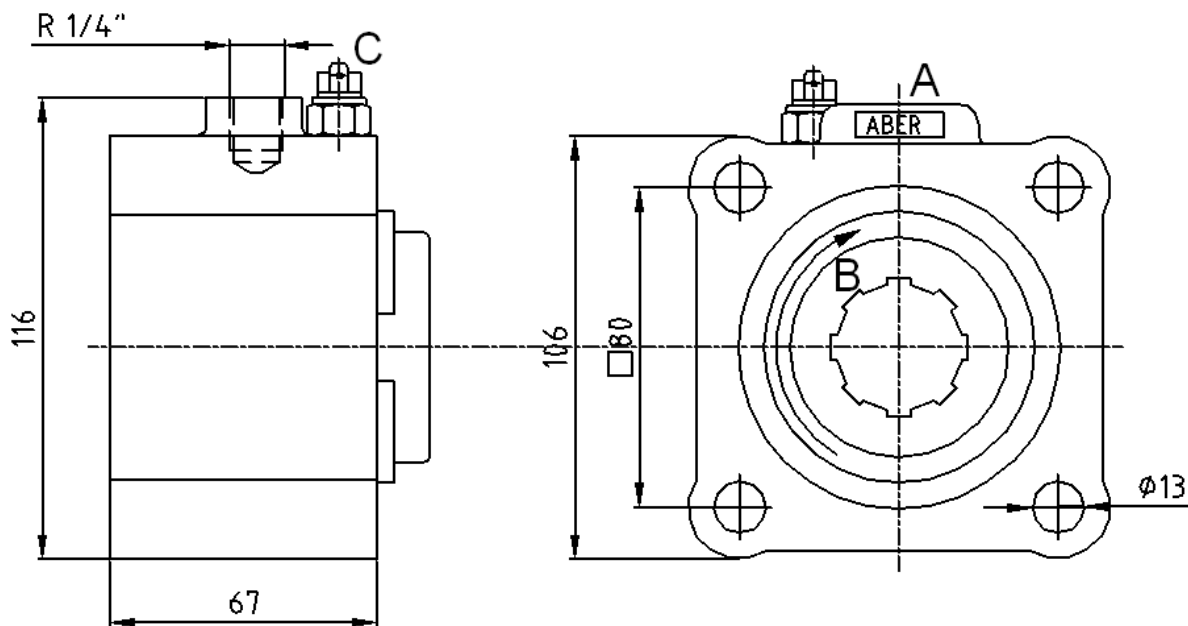
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Power Take Offs		Ref. TF4002ALSP
Relation 1 : 1		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 ; 6S-1000	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Air connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4002ALSPS or TF4002ALSPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Rear
Pump Rotation	Left Hand
Weight (kg)	4
PTO internal ratio	1:1
Indicative ratio from motor to PTO's output	
S5-50 / 5.30 .- 1 : 0.653	
/ 5.50 .- 1 : 0.615	
/ 6.20 .- 1 : 0.545	
/ 6.61 .- 1 : 0.510	
/ 6.61+GV80 / 5.30 High: .- 1 : 0.637 Normal: .- 1 : 0.510	
/ 8.02 .- 1 : 0.422	
/ 8.02+GV80 / 6.20 High: .-1 : 0.545 Normal: .- 1 : 0.421	

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Power Take Offs	
Relation 1 : 1	
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 ; 6S-1000

Engine to PTO ratio		
S5-90 GPA	.- 1 : 0.890	
S6-65 / 6.37	.- 1 : 0.650	
/ 6.70	.- 1 : 0.620	
/ 7.00+GV70 / 7.67	High: .- 1 : 0.456	Normal: .- 1 : 0.365
/ 7.40	.- 1 : 0.562	
/ 7.52	.- 1 : 0.555	
/ 9.00	.- 1 : 0.462	
/ 7.97+GV80 / 6.70	High: .- 1 : 0.620	Normal: .- 1 : 0.525
/ 9.00+GV80 / 6.70	High: .- 1 : 0.620	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.52	High: .- 1 : 0.554	Normal: .- 1 : 0.462
S6-66 / 7.36-1.0	.- 1 : 0.522	
/ 9.06-1.0	.- 1 : 0.416	
S6-70 / 6.80	.- 1 : 0.514	
/ 6.80+GV70 / 5.71	High: .- 1 : 0.612	Normal: .- 1 : 0.514
/ 7.36	.- 1 : 0.478	
/ 7.92	.- 1 : 0.441	
/ 9.03	.- 1 : 0.387	
/ 9.59	.- 1 : 0.365	
S6-75 / 6.70+GV80 / 7.52	Normal: .- 1 : 0.620	Low: .- 1 : 0.554
S6-80 / 5.03	.- 1 : 0.780	
/ 5.66	.- 1 : 0.740	
/ 5.66+GV80 / 7.52	High: .- 1 : 0.738	Normal: .- 1 : 0.556
/ 6.10	.- 1 : 0.688	
/ 6.70	.- 1 : 0.620	
/ 6.70+GV80 / 5.30	High: .- 1 : 0.787	Normal: .- 1 : 0.620
/ 6.90	.- 1 : 0.515	
/ 7.35	.- 1 : 0.552	
/ 7.41	.- 1 : 0.563	
/ 7.53	.- 1 : 0.555	
/ 7.67	.- 1 : 0.540	
/ 7.67+GV80 / 6.70	High: .- 1 : 0.622	Normal: .- 1 : 0.543
/ 7.90	.- 1 : 0.525	
/ 9.00	.- 1 : 0.460	
/ 9.00+GV80 / 5.30	High: .- 1 : 0.787	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.48	High: .- 1 : 0.562	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.52	High: .- 1 : 0.554	Normal: .- 1 : 0.462
S6-90 / 5.67	.- 1 : 0.750	
/ 5.74	.- 1 : 0.740	
/ 6.37	.- 1 : 0.740	
/ 6.98	.- 1 : 0.612	
/ 7.03	.- 1 : 0.603	
/ 7.03+GV90 / 5.67	High: .- 1 : 0.750	Normal: .- 1 : 0.603
/ 7.03+GV90 / 5.74	High: .- 1 : 0.735	Normal: .- 1 : 0.600
/ 7.40	.- 1 : 0.575	
/ 9.01	.- 1 : 0.470	
/ 9.01+GV90 / 7.40	High: .- 1 : 0.573	Normal: .- 1 : 0.471

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Power Take Offs		Ref. TF4002AMP
Relation 1 : 1,32		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions

A – Air connection
B – Pump rotation
C – Option: Electric sensor with mechanical driving Ref. TF4002AMPS or TF4002AMPC

(Dimensions in mm)

Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	7,5
PTO internal ratio	1:1,32
Indicative ratio from motor to PTO's output	
S5-50 / 5.30 .- 1 : 0.861	
/ 5.50 .- 1 : 0.811	
/ 6.20 .- 1 : 0.719	
/ 6.61 .- 1 : 0.674	
/ 6.61+GV80 / 5.30 High: .- 1 : 0.842 Normal: .- 1 : 0.674	
/ 8.02 .- 1 : 0.557	
/ 8.02+GV80 / 6.20 High: .-1 : 0.719 Normal: .- 1 : 0.557	

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Power Take Offs		Ref. TF4002AMP
Relation 1 : 1,32		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO	

Engine to PTO ratio		
S5-90 GPA	- 1 : 1.174	
S6-65 / 6.37	- 1 : 0.860	
/ 6.70	- 1 : 0.820	
/ 7.00+GV70 / 7.67	High: - 1 : 0.602	Normal: - 1 : 0.482
/ 7.40	- 1 : 0.741	
/ 7.52	- 1 : 0.732	
/ 9.00	- 1 : 0.610	
/ 7.97+GV80 / 6.70	High: - 1 : 0.819	Normal: - 1 : 0.694
/ 9.00+GV80 / 6.70	High: - 1 : 0.819	Normal: - 1 : 0.611
/ 9.00+GV80 / 7.52	High: - 1 : 0.732	Normal: - 1 : 0.611
S6-66 / 7.36-1.0	- 1 : 0.690	
/ 9.06-1.0	- 1 : 0.550	
S6-70 / 6.80	- 1 : 0.679	
/ 6.80+GV70 / 5.71	High: - 1 : 0.808	Normal: - 1 : 0.679
/ 7.36	- 1 : 0.630	
/ 7.92	- 1 : 0.582	
/ 9.03	- 1 : 0.511	
/ 9.59	- 1 : 0.482	
S6-75 / 6.70+GV80 / 7.52	Normal: - 1 : 0.819	Low: - 1 : 0.732
S6-80 / 5.03	- 1 : 1.029	
/ 5.66	- 1 : 0.980	
/ 5.66+GV80 / 7.52	High: - 1 : 0.974	Normal: - 1 : 0.733
/ 6.10	- 1 : 0.908	
/ 6.70	- 1 : 0.820	
/ 6.70+GV80 / 5.30	High: - 1 : 1.039	Normal: - 1 : 0.819
/ 6.90	- 1 : 0.679	
/ 7.35	- 1 : 0.728	
/ 7.41	- 1 : 0.743	
/ 7.53	- 1 : 0.732	
/ 7.67	- 1 : 0.710	
/ 7.67+GV80 / 6.70	High: - 1 : 0.821	Normal: - 1 : 0.716
/ 7.90	- 1 : 0.693	
/ 9.00	- 1 : 0.610	
/ 9.00+GV80 / 5.30	High: - 1 : 1.039	Normal: - 1 : 0.611
/ 9.00+GV80 / 7.48	High: - 1 : 0.743	Normal: - 1 : 0.611
/ 9.00+GV80 / 7.52	High: - 1 : 0.732	Normal: - 1 : 0.611
S6-90 / 5.67	- 1 : 0.990	
/ 5.74	- 1 : 0.980	
/ 6.37	- 1 : 0.980	
/ 6.98	- 1 : 0.807	
/ 7.03	- 1 : 0.796	
/ 7.03+GV90 / 5.67	High: - 1 : 0.989	Normal: - 1 : 0.796
/ 7.03+GV90 / 5.74	High: - 1 : 0.970	Normal: - 1 : 0.790
/ 7.40	- 1 : 0.759	
/ 9.01	- 1 : 0.620	
/ 9.01+GV90 / 7.40	High: - 1 : 0.757	Normal: - 1 : 0.622
6S-800 TO / 6.58-0.78	- 1 : 0.700	
6AS-800 TO / 6.58-0.78	- 1 : 0.700	
6S-1000 TO / 6.75-0.78	- 1 : 0.700	
6AS-1000 TO / 6.75-0.78	- 1 : 0.700	
6S-1200 TD / 7.72-1.00	- 1 : 0.713	
6S-1200 TO / 6.75-0.83	- 1 : 0.818	

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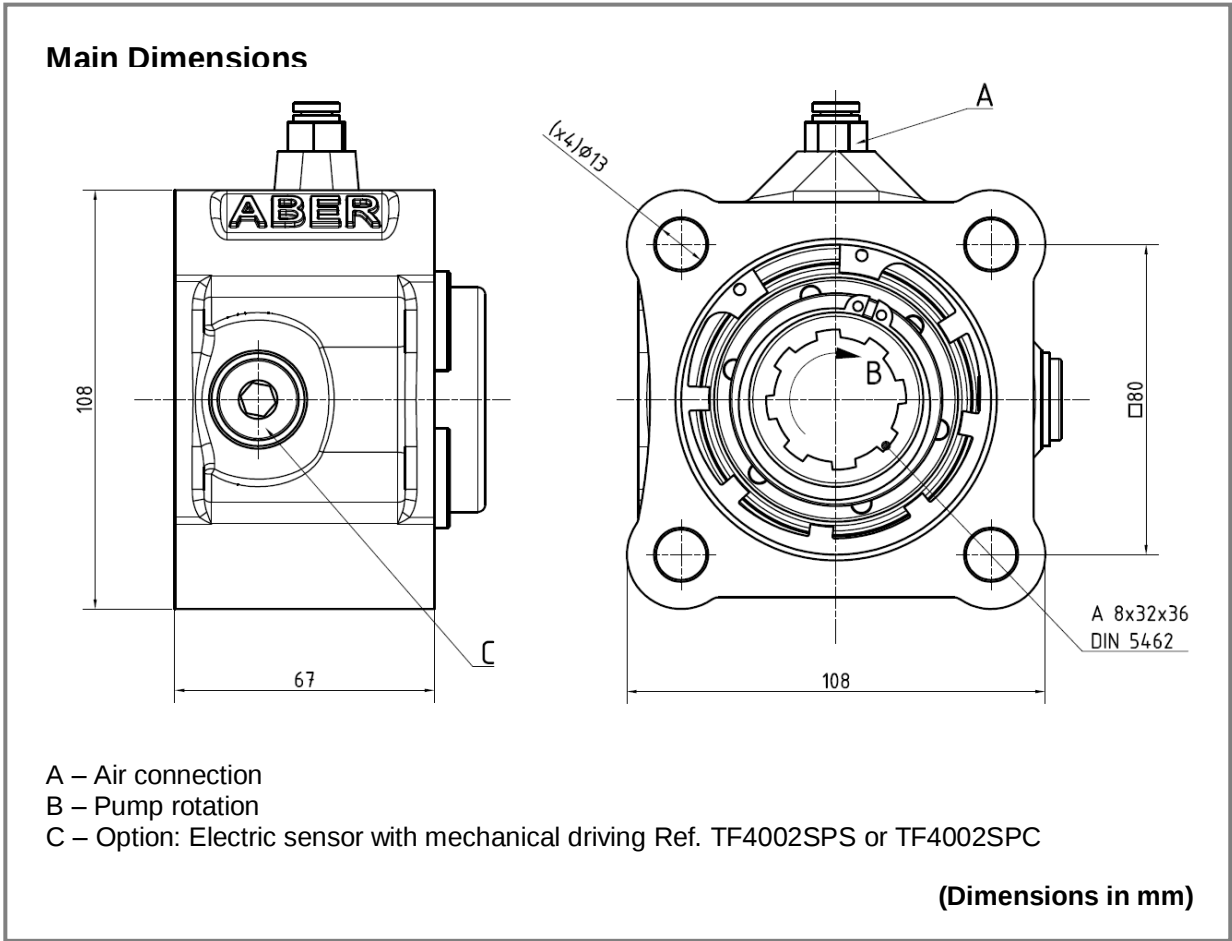
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Power Take Offs		Ref. TF4002SP
Relation 1 : 1		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO	

To apply with Gear Pumps or Piston Pumps



Main Data	
Continuous Torque (Nm)	1000
Intermittent Torque (Nm)	1200
Power (at 1000 rpm)	142 cv / 105 kW
Mounting Position	Rear
Pump Rotation	Left Hand
Weight (kg)	2.4
PTO internal ratio	1:1
Indicative ratio from motor to PTO's output	
S5-50 / 5.30 .- 1 : 0.653	
/ 5.50 .- 1 : 0.615	
/ 6.20 .- 1 : 0.545	
/ 6.61 .- 1 : 0.510	
/ 6.61+GV80 / 5.30 High: .- 1 : 0.637 Normal: .- 1 : 0.510	
/ 8.02 .- 1 : 0.422	
/ 8.02+GV80 / 6.20 High: .- 1 : 0.545 Normal: .- 1 : 0.421	

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Power Take Offs		Ref. TF4002SP
Relation 1 : 1		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO	

Engine to PTO ratio		
S5-90 GPA	.- 1 : 0.890	
S6-65 / 6.37	.- 1 : 0.650	
/ 6.70	.- 1 : 0.620	
/ 7.00+GV70 / 7.67	High: .- 1 : 0.456	Normal: .- 1 : 0.365
/ 7.40	.- 1 : 0.562	
/ 7.52	.- 1 : 0.555	
/ 9.00	.- 1 : 0.462	
/ 7.97+GV80 / 6.70	High: .- 1 : 0.620	Normal: .- 1 : 0.525
/ 9.00+GV80 / 6.70	High: .- 1 : 0.620	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.52	High: .- 1 : 0.554	Normal: .- 1 : 0.462
S6-66 / 7.36-1.0	.- 1 : 0.522	
/ 9.06-1.0	.- 1 : 0.416	
S6-70 / 6.80	.- 1 : 0.514	
/ 6.80+GV70 / 5.71	High: .- 1 : 0.612	Normal: .- 1 : 0.514
/ 7.36	.- 1 : 0.478	
/ 7.92	.- 1 : 0.441	
/ 9.03	.- 1 : 0.387	
/ 9.59	.- 1 : 0.365	
S6-75 / 6.70+GV80 / 7.52	Normal: .- 1 : 0.620	Low: .- 1 : 0.554
S6-80 / 5.03	.- 1 : 0.780	
/ 5.66	.- 1 : 0.740	
/ 5.66+GV80 / 7.52	High: .- 1 : 0.738	Normal: .- 1 : 0.556
/ 6.10	.- 1 : 0.688	
/ 6.70	.- 1 : 0.620	
/ 6.70+GV80 / 5.30	High: .- 1 : 0.787	Normal: .- 1 : 0.620
/ 6.90	.- 1 : 0.515	
/ 7.35	.- 1 : 0.552	
/ 7.41	.- 1 : 0.563	
/ 7.53	.- 1 : 0.555	
/ 7.67	.- 1 : 0.540	
/ 7.67+GV80 / 6.70	High: .- 1 : 0.622	Normal: .- 1 : 0.543
/ 7.90	.- 1 : 0.525	
/ 9.00	.- 1 : 0.460	
/ 9.00+GV80 / 5.30	High: .- 1 : 0.787	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.48	High: .- 1 : 0.562	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.52	High: .- 1 : 0.554	Normal: .- 1 : 0.462
S6-90 / 5.67	.- 1 : 0.750	
/ 5.74	.- 1 : 0.740	
/ 6.37	.- 1 : 0.740	
/ 6.98	.- 1 : 0.612	
/ 7.03	.- 1 : 0.603	
/ 7.03+GV90 / 5.67	High: .- 1 : 0.750	Normal: .- 1 : 0.603
/ 7.03+GV90 / 5.74	High: .- 1 : 0.735	Normal: .- 1 : 0.600
/ 7.40	.- 1 : 0.575	
/ 9.01	.- 1 : 0.470	
/ 9.01+GV90 / 7.40	High: .- 1 : 0.573	Normal: .- 1 : 0.471
6S-800 TO / 6.58-0.78	.- 1 : 0.530	
6AS-800 TO / 6.58-0.78	.- 1 : 0.530	
6S-1000 TO / 6.75-0.78	.- 1 : 0.530	
6AS-1000 TO / 6.75-0.78	.- 1 : 0.530	
6S-1200 TD / 7.72-1.00	.- 1 : 0.540	
6S-1200 TO / 6.75-0.83	.- 1 : 0.620	

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- (Dimensions in mm)**

CTI TF4002UNI 1211-2 $\frac{1}{2}$



Power Take Offs	
Relation 1 : 1,32	
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 ; 6S-1000

Engine to PTO ratio	
S5-90 GPA	- 1 : 1.174
S6-65 / 6.37	- 1 : 0.860
/ 6.70	- 1 : 0.820
/ 7.00+GV70 / 7.67	High: - 1 : 0.602 Normal: - 1 : 0.482
/ 7.40	- 1 : 0.741
/ 7.52	- 1 : 0.732
/ 9.00	- 1 : 0.610
/ 7.97+GV80 / 6.70	High: - 1 : 0.819 Normal: - 1 : 0.694
/ 9.00+GV80 / 6.70	High: - 1 : 0.819 Normal: - 1 : 0.611
/ 9.00+GV80 / 7.52	High: - 1 : 0.732 Normal: - 1 : 0.611
S6-66 / 7.36-1.0	- 1 : 0.690
/ 9.06-1.0	- 1 : 0.550
S6-70 / 6.80	- 1 : 0.679
/ 6.80+GV70 / 5.71	High: - 1 : 0.808 Normal: - 1 : 0.679
/ 7.36	- 1 : 0.630
/ 7.92	- 1 : 0.582
/ 9.03	- 1 : 0.511
/ 9.59	- 1 : 0.482
S6-75 / 6.70+GV80 / 7.52	Normal: - 1 : 0.819 Low: - 1 : 0.732
S6-80 / 5.03	- 1 : 1.029
/ 5.66	- 1 : 0.980
/ 5.66+GV80 / 7.52	High: - 1 : 0.974 Normal: - 1 : 0.733
/ 6.10	- 1 : 0.908
/ 6.70	- 1 : 0.820
/ 6.70+GV80 / 5.30	High: - 1 : 1.039 Normal: - 1 : 0.819
/ 6.90	- 1 : 0.679
/ 7.35	- 1 : 0.728
/ 7.41	- 1 : 0.743
/ 7.53	- 1 : 0.732
/ 7.67	- 1 : 0.710
/ 7.67+GV80 / 6.70	High: - 1 : 0.821 Normal: - 1 : 0.716
/ 7.90	- 1 : 0.693
/ 9.00	- 1 : 0.610
/ 9.00+GV80 / 5.30	High: - 1 : 1.039 Normal: - 1 : 0.611
/ 9.00+GV80 / 7.48	High: - 1 : 0.743 Normal: - 1 : 0.611
/ 9.00+GV80 / 7.52	High: - 1 : 0.732 Normal: - 1 : 0.611
S6-90 / 5.67	- 1 : 0.990
/ 5.74	- 1 : 0.980
/ 6.37	- 1 : 0.980
/ 6.98	- 1 : 0.807
/ 7.03	- 1 : 0.796
/ 7.03+GV90 / 5.67	High: - 1 : 0.989 Normal: - 1 : 0.796
/ 7.03+GV90 / 5.74	High: - 1 : 0.970 Normal: - 1 : 0.790
/ 7.40	- 1 : 0.759
/ 9.01	- 1 : 0.620
/ 9.01+GV90 / 7.40	High: - 1 : 0.757 Normal: - 1 : 0.622

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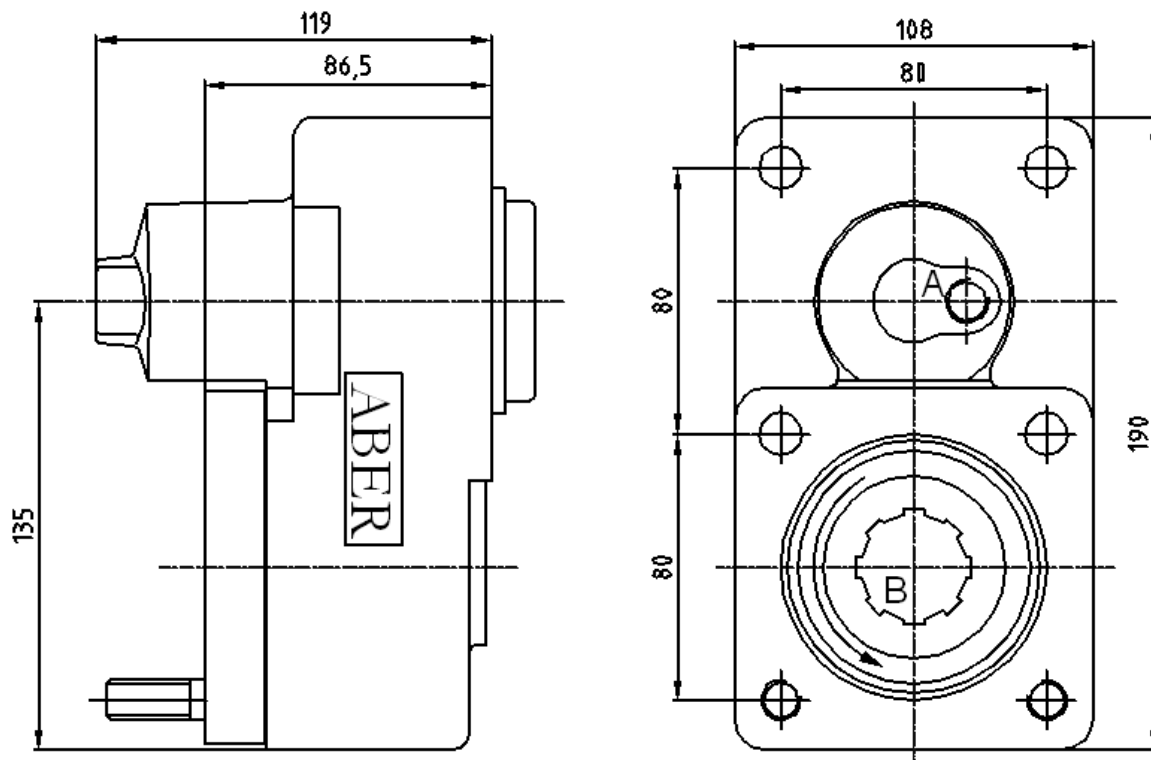
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Power Take Offs		Ref. TF4014AMP
Relation 1 : 1,32		
ZF	S6-36 ; 6S-850 ; 6S-700	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Pump rotation

Option: Electric sensor with mechanical driving Ref. TF4014AMPS or TF4014AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)		300	
Intermittent Torque (Nm)		420	
Power (at 1000 rpm)		42 cv / 32 kW	
Mounting Position		Rear	
Pump Rotation		Right Hand	
Weight (kg)		7,5	
PTO internal ratio		1:1,32	
Indicative ratio from motor to PTO´s output			
6-S-850 / 6.72-0.79	.- 1 : 0.700	S6-36 / 6.06	.- 1 : 0.770
/ 6.93-0.80	.- 1 : 0.673	/ 6.93 - 0.80	.- 1 : 0.673
/ 7.43-1.00	.- 1 : 0.634	/ 7.43 - 1.00	.- 1 : 0.634
/ 8.97-1.00	.- 1 : 0.530	/ 8.97 - 1.00	.- 1 : 0.530
		/ 7.43 - 0.85+GV36	High: 1 : 0.740 Normal: 1 : 0.630
		/ 8.97 - 0.83+GV36	High: 1 : 0.630 Normal: 1 : 0.520

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Power Take Offs		Ref. TF4014SP
Relation 1 : 1		
ZF	S6-36 ; 6S-700 ; 6AS-700 ; 6S-850	

To apply with Gear Pumps or Piston Pumps

Main Dimensions

A – Air connection
B – Pump rotation
C – Option: Electric sensor with mechanical driving Ref. TF4014SPS or TF4014SPC

(Dimensions in mm)

Main Data			
Continuous Torque (Nm)		600	
Intermittent Torque (Nm)		720	
Power (at 1000 rpm)		85 cv / 63 kW	
Mounting Position		Rear	
Pump Rotation		Left Hand	
Weight (kg)		2.4	
PTO internal ratio		1:1	
Indicative ratio from motor to PTO's output			
6S-850 / 6.72-0.79	- 1 : 0.530	S6-36 / 6.06	- 1 : 0.583
/ 6.93-0.80	- 1 : 0.510	/ 6.93 - 0.80	- 1 : 0.510
/ 7.43-1.00	- 1 : 0.480	/ 7.43 - 1.00	- 1 : 0.480
/ 8.51-1.00	- 1 : 0.420	/ 8.97 - 1.00	- 1 : 0.401
/ 8.97-1.00	- 1 : 0.401	/ 7.43 - 0.85+GV36	High: 1 : 0.560 Normal: 1 : 0.477
		/ 8.97 - 0.83+GV36	High: 1 : 0.477 Normal: 1 : 0.393
6S-700 / 6.02-0.79	- 1 : 0.570	6AS-700 TO/ 6.02-0.79	- 1 : 0.570

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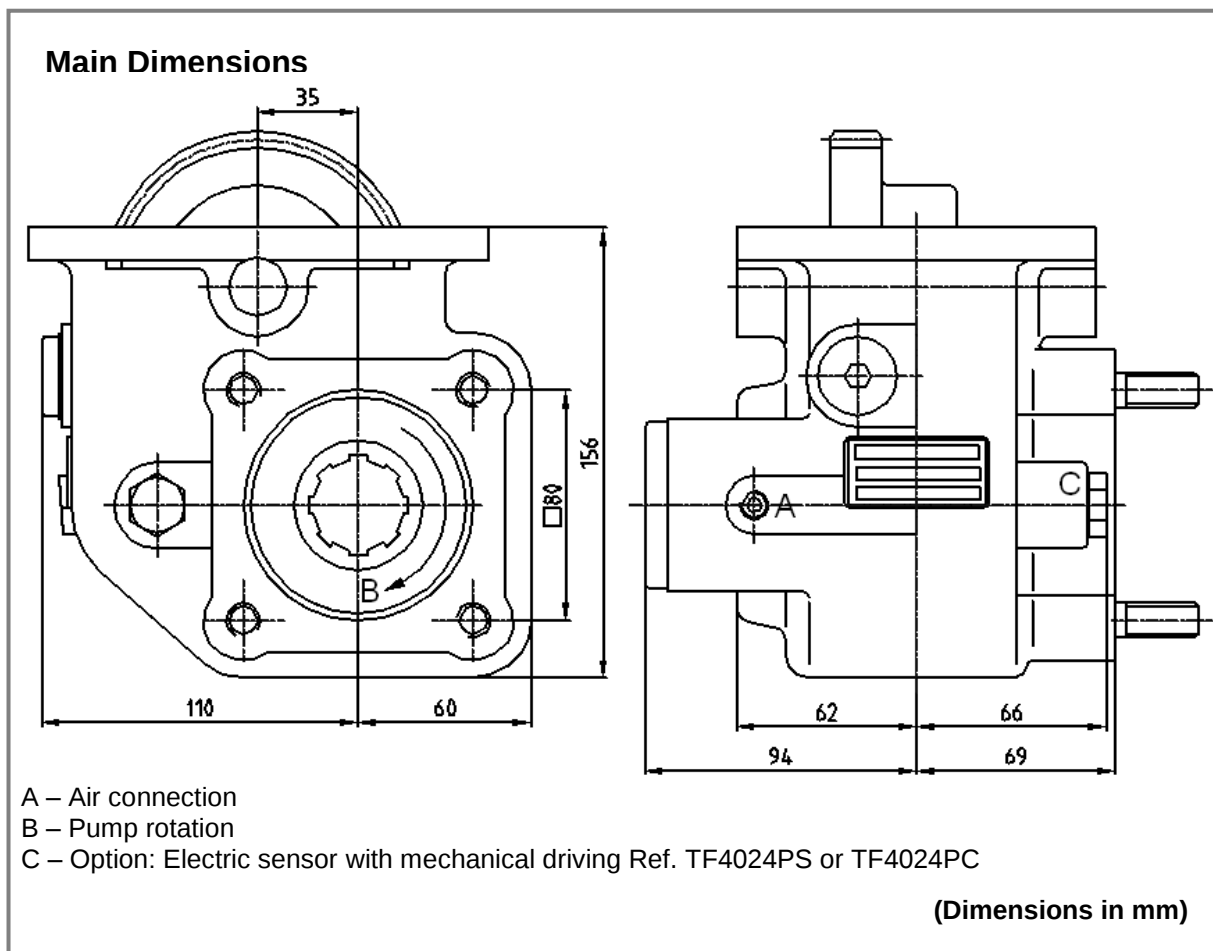


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POWER TAKE OFFS		Ref. TF4024P
ZF	S5-42/5.72	

To apply with Gear Pumps or Piston Pumps



Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,59
Indicative ratio from motor to PTO's output	1:1,20

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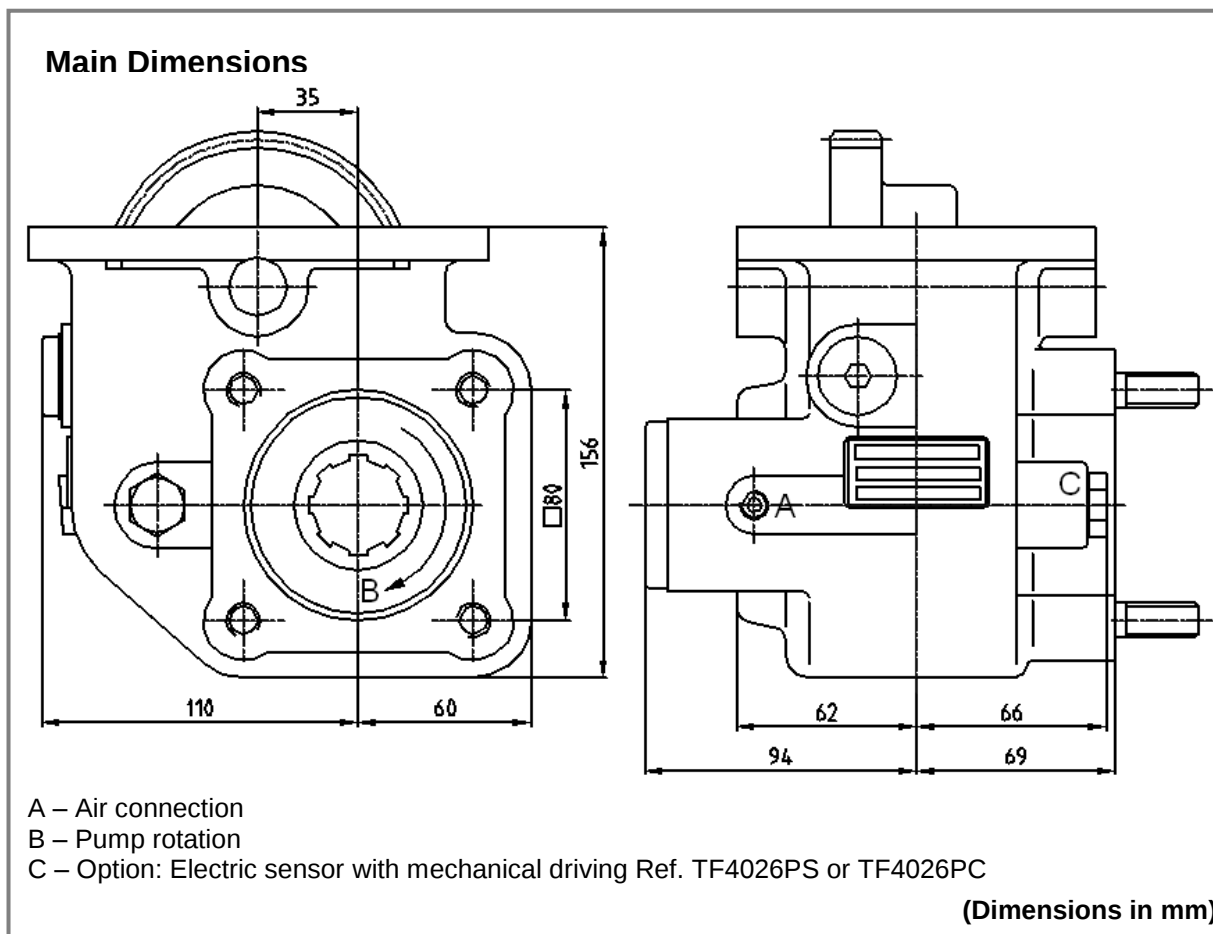
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POWER TAKE OFFS		Ref. TF4026P
ZF	S5-42/4.65	

To apply with Gear Pumps or Piston Pumps



Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,59
Indicative ratio from motor to PTO's output	1:1,66

CTI TF4026P 1211-2

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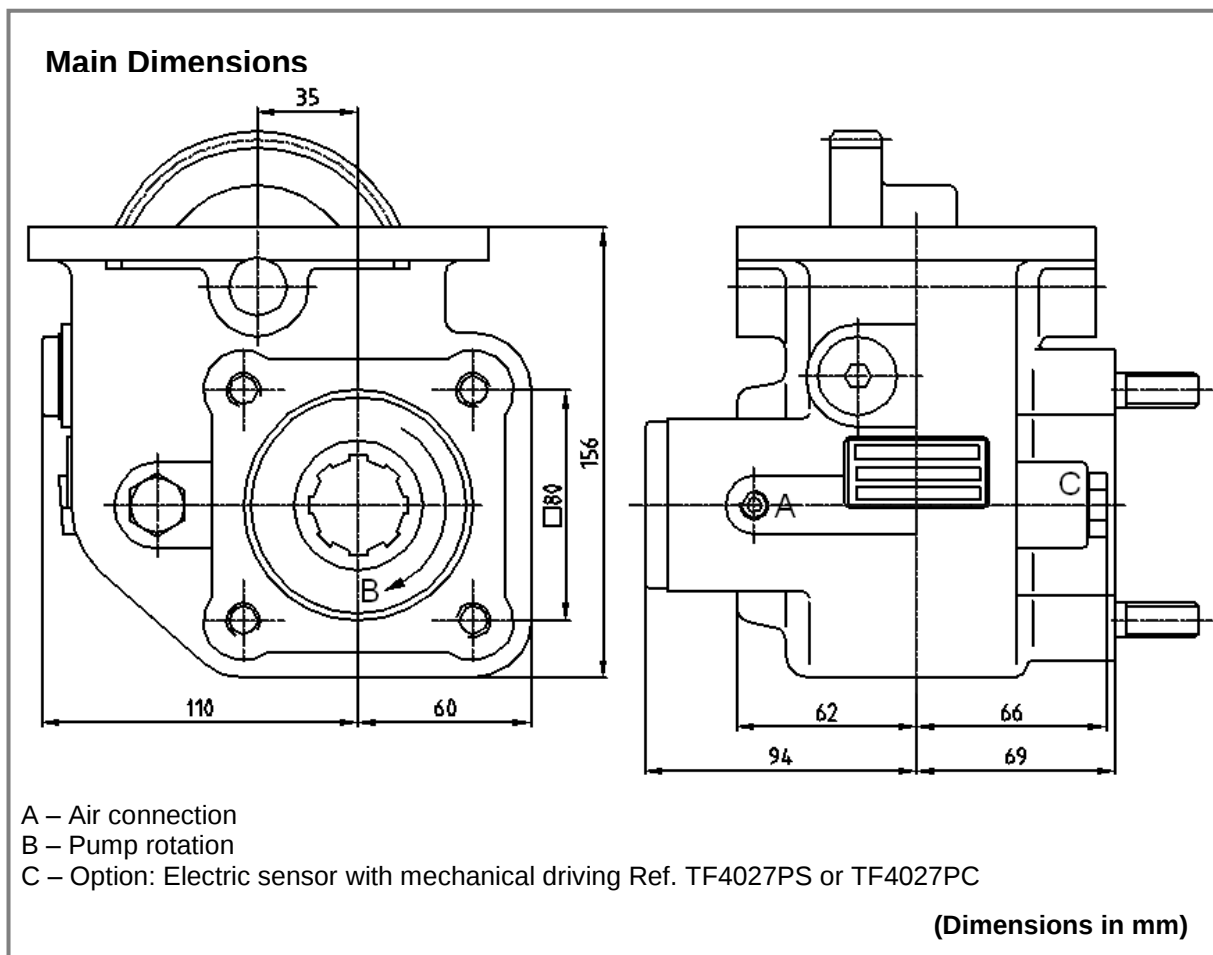
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POWER TAKE OFFS		Ref. TF4027P
ZF	S5-42/7.55	

To apply with Gear Pumps or Piston Pumps



Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,33
Indicative ratio from motor to PTO's output	1:1

CTI TF4027P 1211-2

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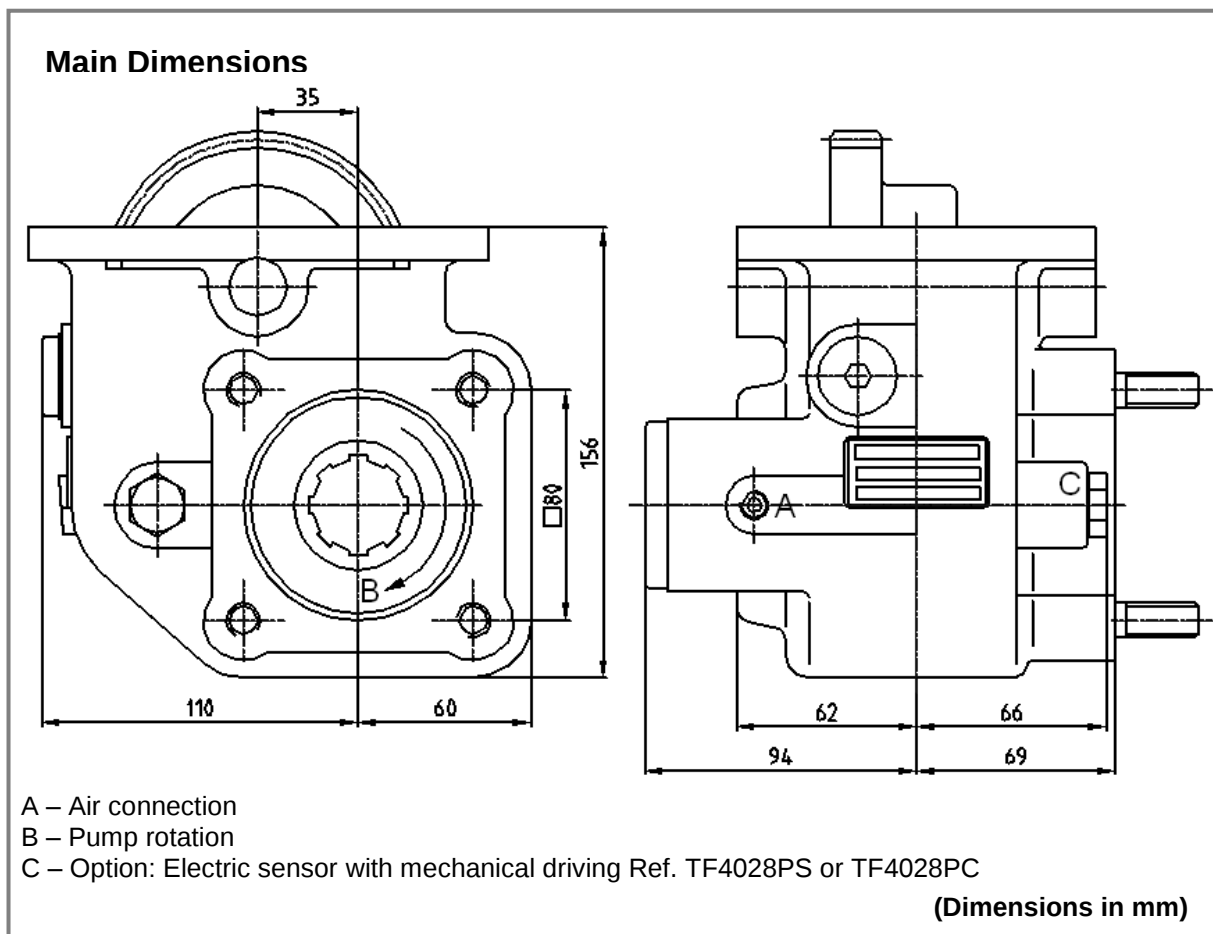
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POWER TAKE OFFS		Ref. TF4028P
ZF	S5-42/6.56	

To apply with Gear Pumps or Piston Pumps



Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,36
Indicative ratio from motor to PTO's output	

CTI TF4028P 1211-2

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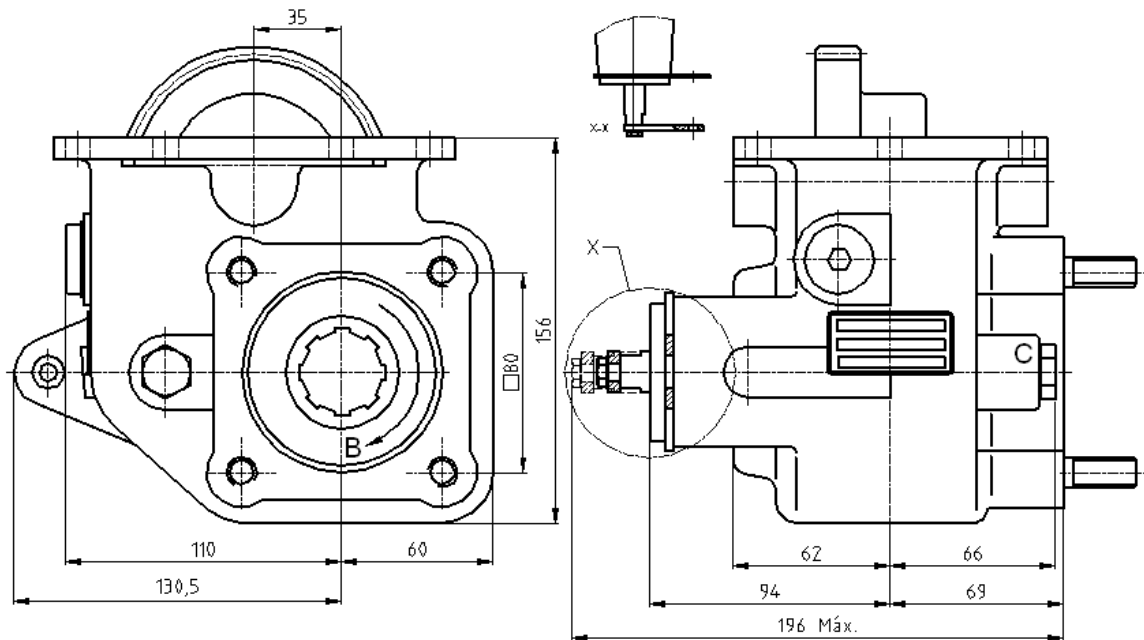
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POWER TAKE OFFS		Ref. TF4029M
ZF	5S-200 ; 5S-300 ; 2830.5 Mechanic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



X – Mechanic control

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4029MS or TF4029MC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,65
Indicative ratio from motor to PTO's output	1:1,24

CTI TF4029M 1211-2

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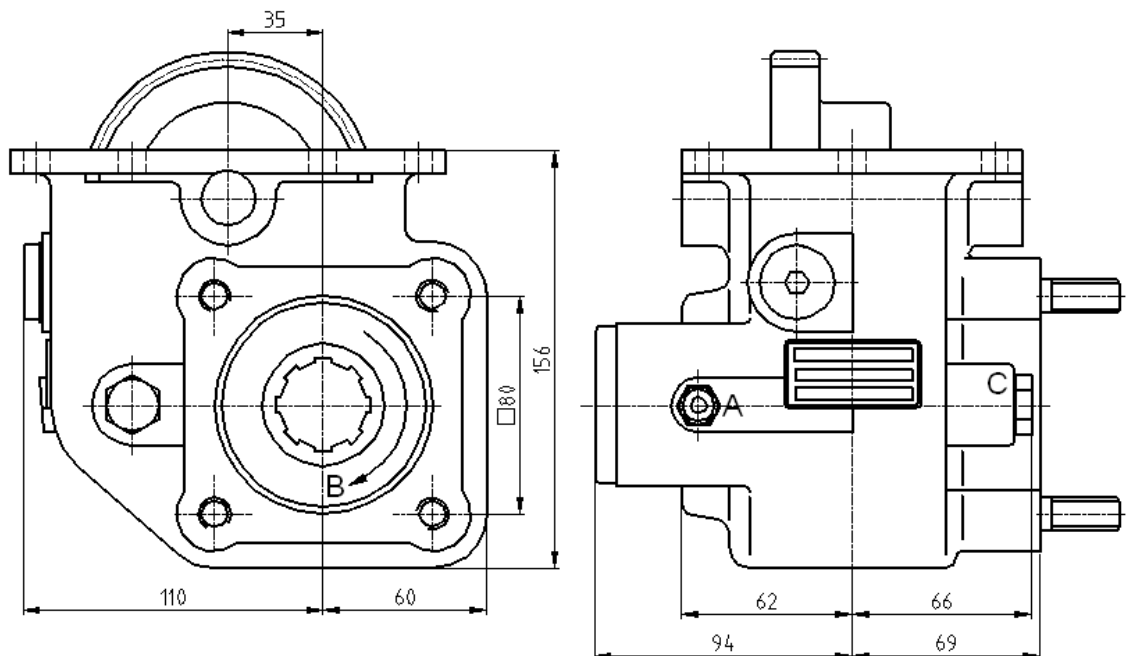
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POWER TAKE OFFS		Ref. TF4029P
ZF	5S-200 ; 5S-300 ; 2830.5 Pneumatic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Air connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4029PS or TF4029PC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,65
Indicative ratio from motor to PTO's output	1:1,24

CTI TF4029P 1211-2

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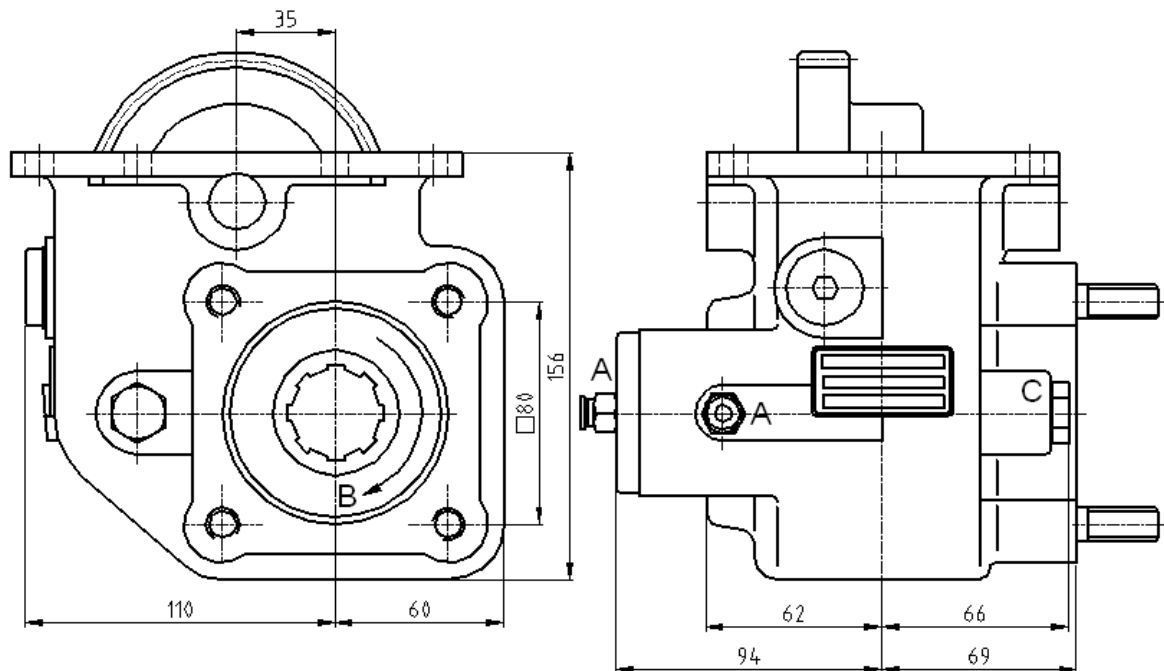
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POWER TAKE OFFS		Ref. TF4029V
ZF	5S-200 ; 5S-300 ; 2830.5 Vacuum Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Vacuum connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4029VS or TF4029VC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,65
Indicative ratio from motor to PTO's output	1:1,24

CTI TF4029V 1211-2

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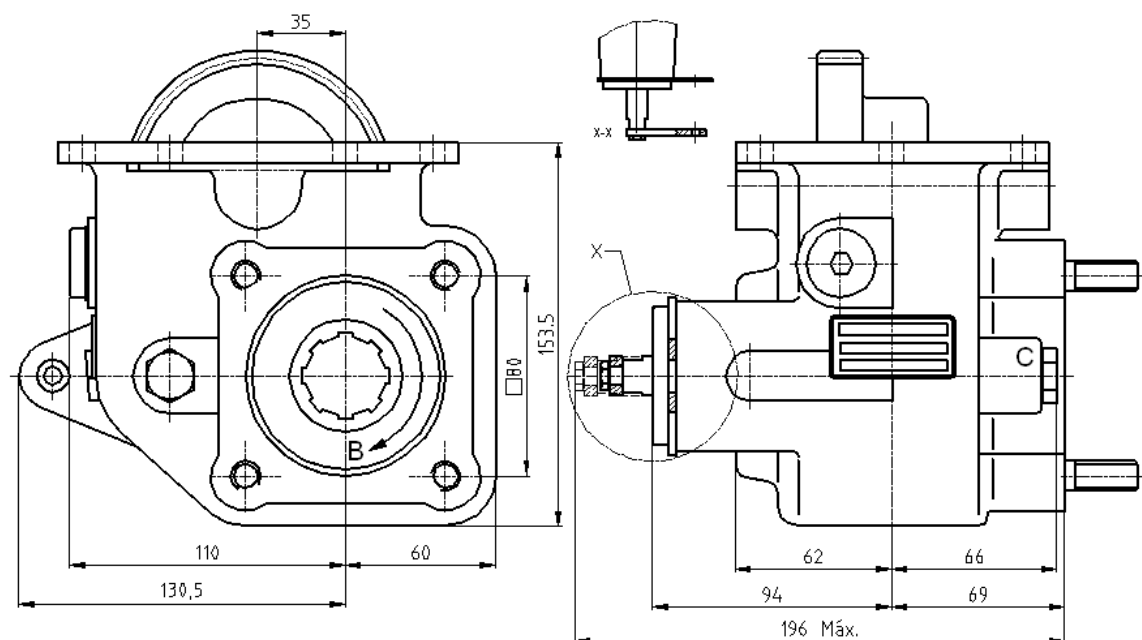
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POWER TAKE OFFS		Ref. TF4030M
ZF	6S-300 ; 6S-350 Mechanic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



X – Mechanic control

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4030MS or TF4030MC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,58
Indicative ratio from motor to PTO's output	1:1,05

CTI TF4030M 1211-2

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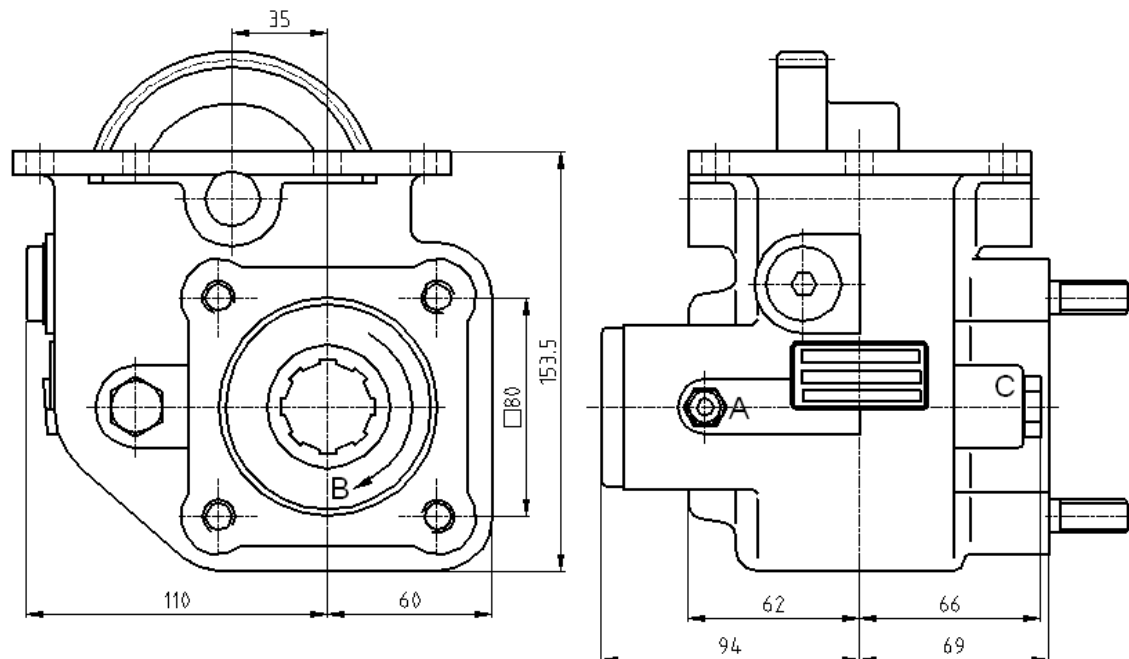
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POWER TAKE OFFS		Ref. TF4030P
ZF	6S-300 ; 6S-350 Pneumatic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Pneumatic connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4030PS or TF4030PC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	12
PTO internal ratio	1.1,58
Indicative ratio from motor to PTO's output	1:1,05

CTI TF4030P 1211-2

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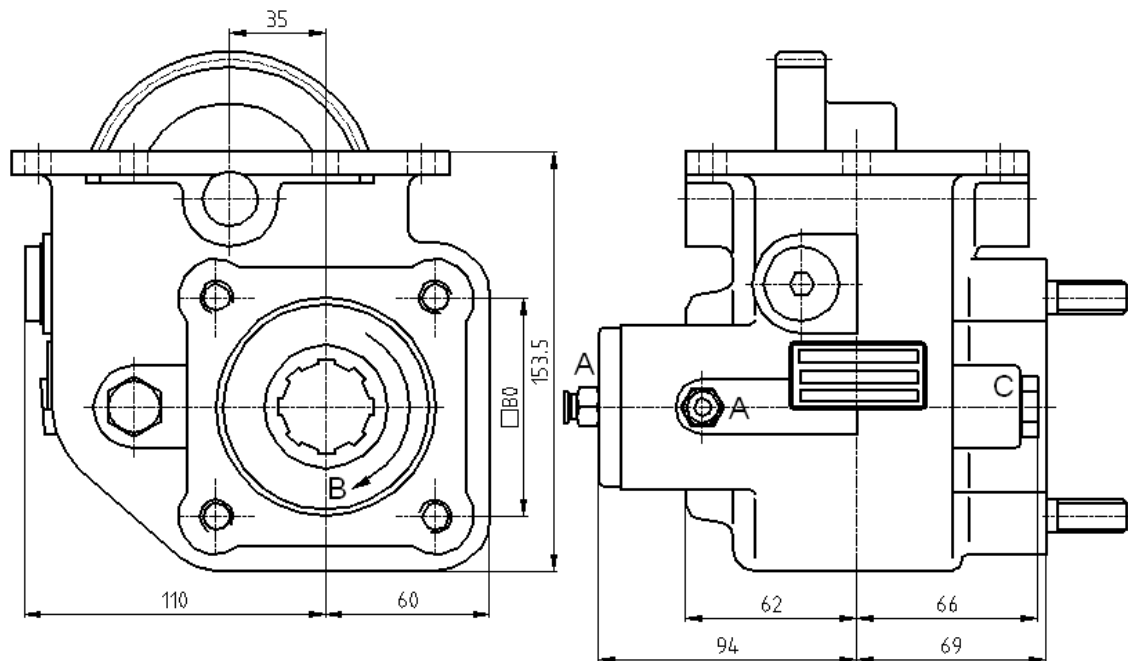
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POWER TAKE OFFS		Ref. TF4030V
ZF	6S-300 ; 6S-350 Vacuum Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Vacuum connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4030VS or TF4030VC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,58
Indicative ratio from motor to PTO's output	1:1,05

CTI TF4030V 1211- 1

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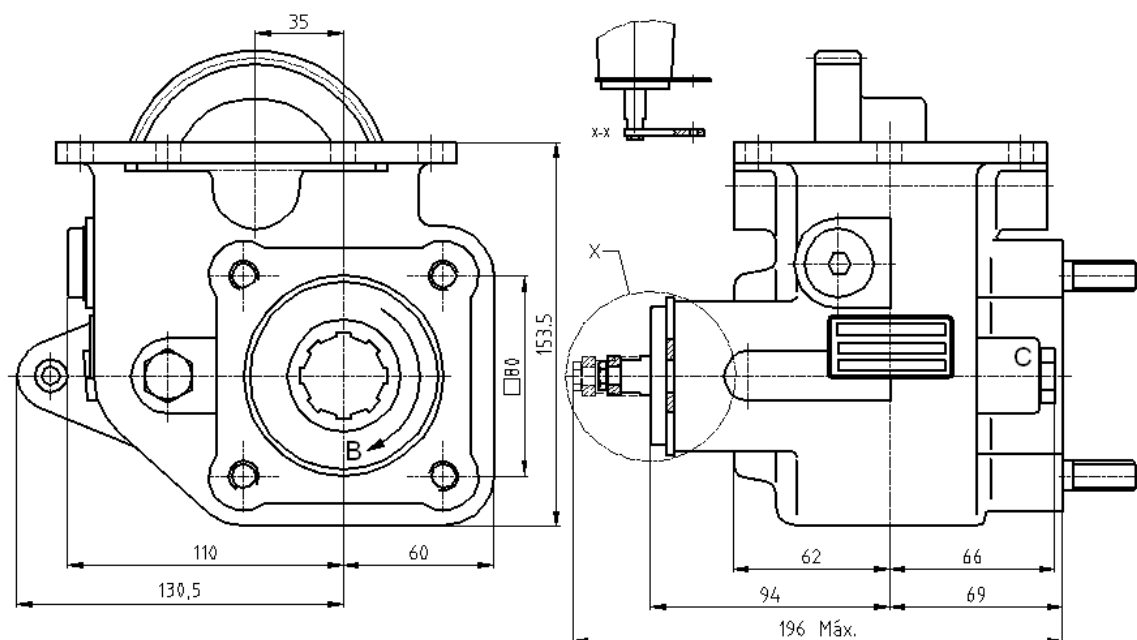
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POWER TAKE OFFS		Ref. TF4032M
ZF	6S-380 ; 6S-400 ; 2840.6 Mechanic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



X – Mechanic control

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4032MS or TF4032MC

(Dimensions in mm)

Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,55
Indicative ratio from motor to PTO's output	1:1

CTI TF4032M 1211-2

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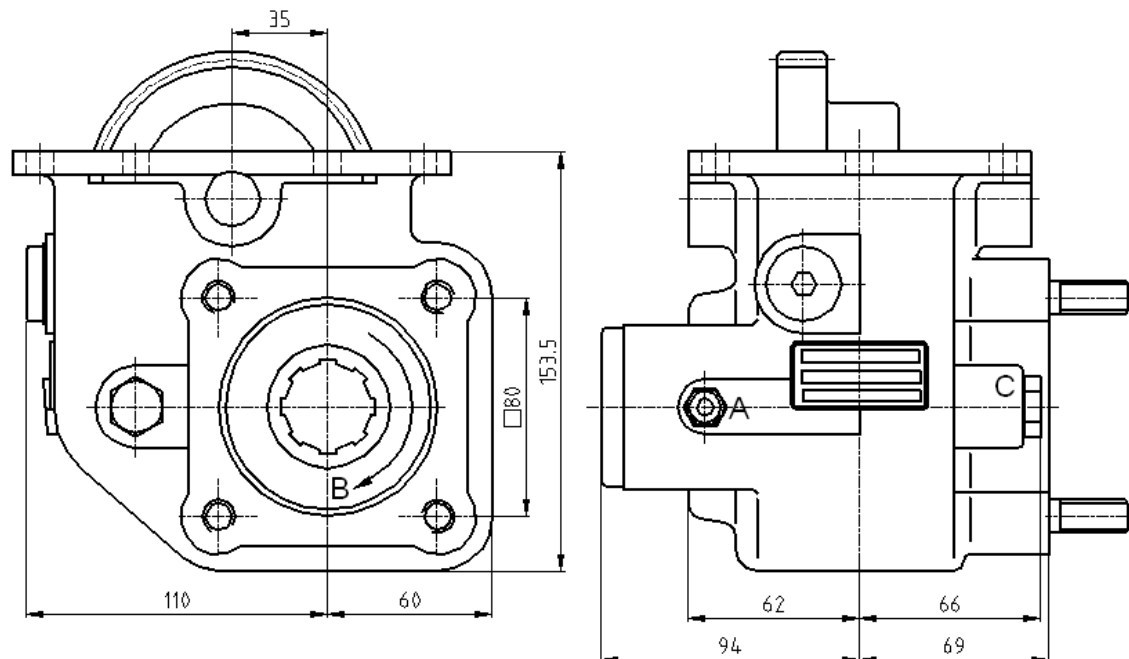
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POWER TAKE OFFS		Ref. TF4032P
ZF	6S-380 ; 6S-400 ; 2840.6 Pneumatic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Pneumatic connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4032PS or TF4032PC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,55
Indicative ratio from motor to PTO's output	1:1

CTI TF4032P 1211-2

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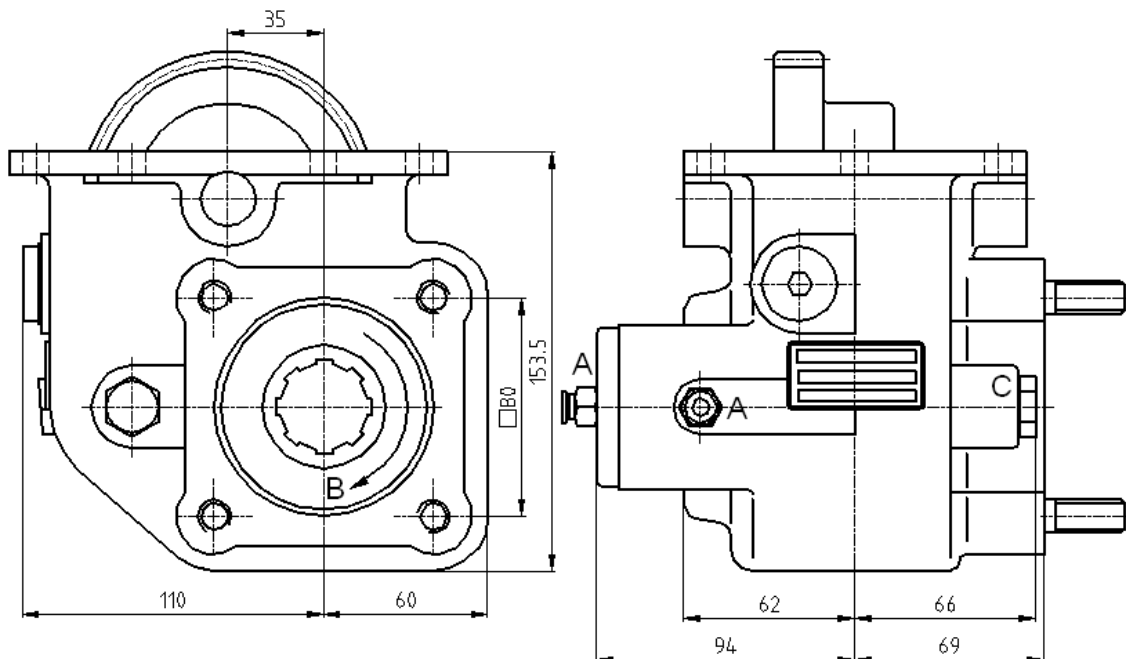
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POWER TAKE OFFS		Ref. TF4032V
ZF	6S-380 ; 6S-400 ; 2840.6 Vacuum Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Vacuum connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4032VS or TF4032VC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,55
Indicative ratio from motor to PTO's output	1:1

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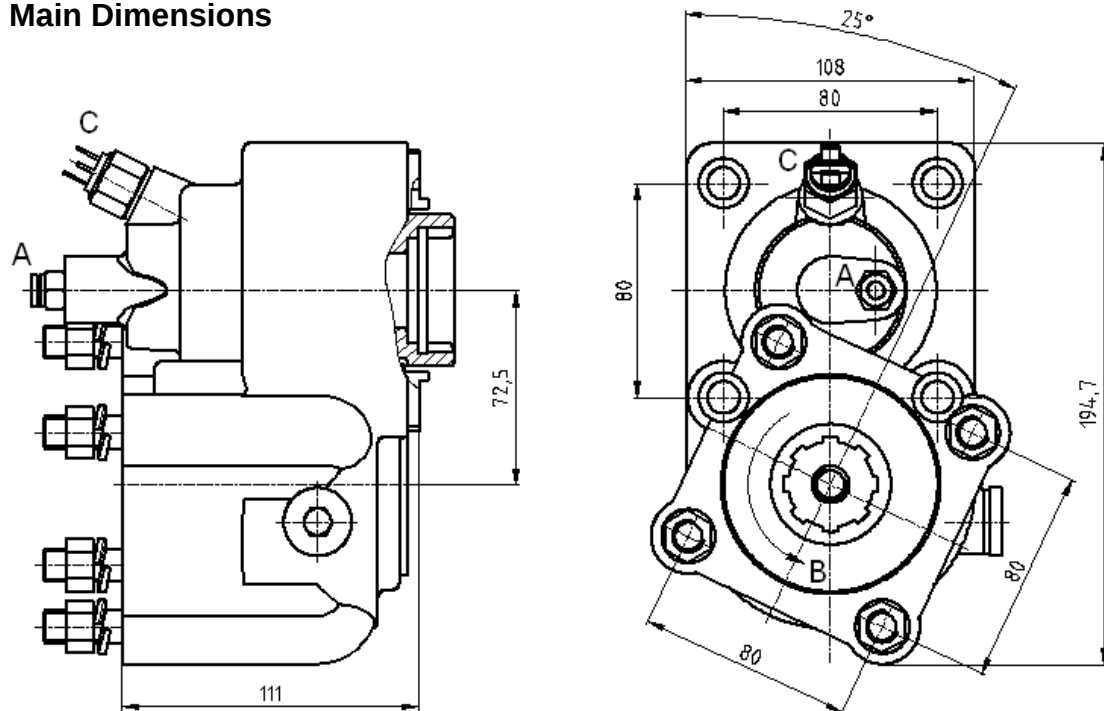
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Power Take Offs		Ref. TF4033AMP
Relation 1 : 1		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4033AMPS or TF4033AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	500
Intermittent Torque (Nm)	550
Power (at 1000 rpm)	69 cv / 51 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1
Indicative ratio from motor to PTO's output	
S5-50 / 5.30 .- 1 : 0.653	
/ 5.50 .- 1 : 0.615	
/ 6.20 .- 1 : 0.545	
/ 6.61 .- 1 : 0.510	
/ 6.61+GV80 / 5.30 High: .- 1 : 0.637 Normal: .- 1 : 0.510	
/ 8.02 .- 1 : 0.422	
/ 8.02+GV80 / 6.20 High: .- 1 : 0.545 Normal: .- 1 : 0.421	

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Power Take Offs		Ref. TF4033AMP
Relation 1 : 1		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO REINFORCED	

Engine to PTO ratio		
S5-90 GPA	.- 1 : 0.890	
S6-65 / 6.37	.- 1 : 0.650	
/ 6.70	.- 1 : 0.620	
/ 7.00+GV70 / 7.67	High: .- 1 : 0.456	Normal: .- 1 : 0.365
/ 7.40	.- 1 : 0.562	
/ 7.52	.- 1 : 0.555	
/ 9.00	.- 1 : 0.462	
/ 7.97+GV80 / 6.70	High: .- 1 : 0.620	Normal: .- 1 : 0.525
/ 9.00+GV80 / 6.70	High: .- 1 : 0.620	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.52	High: .- 1 : 0.554	Normal: .- 1 : 0.462
S6-66 / 7.36-1.0	.- 1 : 0.522	
/ 9.06-1.0	.- 1 : 0.416	
S6-70 / 6.80	.- 1 : 0.514	
/ 6.80+GV70 / 5.71	High: .- 1 : 0.612	Normal: .- 1 : 0.514
/ 7.36	.- 1 : 0.478	
/ 7.92	.- 1 : 0.441	
/ 9.03	.- 1 : 0.387	
/ 9.59	.- 1 : 0.365	
S6-75 / 6.70+GV80 / 7.52	Normal: .- 1 : 0.620	Low: .- 1 : 0.554
S6-80 / 5.03	.- 1 : 0.780	
/ 5.66	.- 1 : 0.740	
/ 5.66+GV80 / 7.52	High: .- 1 : 0.738	Normal: .- 1 : 0.556
/ 6.10	.- 1 : 0.688	
/ 6.70	.- 1 : 0.620	
/ 6.70+GV80 / 5.30	High: .- 1 : 0.787	Normal: .- 1 : 0.620
/ 6.90	.- 1 : 0.515	
/ 7.35	.- 1 : 0.552	
/ 7.41	.- 1 : 0.563	
/ 7.53	.- 1 : 0.555	
/ 7.67	.- 1 : 0.540	
/ 7.67+GV80 / 6.70	High: .- 1 : 0.622	Normal: .- 1 : 0.543
/ 7.90	.- 1 : 0.525	
/ 9.00	.- 1 : 0.460	
/ 9.00+GV80 / 5.30	High: .- 1 : 0.787	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.48	High: .- 1 : 0.562	Normal: .- 1 : 0.462
/ 9.00+GV80 / 7.52	High: .- 1 : 0.554	Normal: .- 1 : 0.462
S6-90 / 5.67	.- 1 : 0.750	
/ 5.74	.- 1 : 0.740	
/ 6.37	.- 1 : 0.740	
/ 6.98	.- 1 : 0.612	
/ 7.03	.- 1 : 0.603	
/ 7.03+GV90 / 5.67	High: .- 1 : 0.750	Normal: .- 1 : 0.603
/ 7.03+GV90 / 5.74	High: .- 1 : 0.735	Normal: .- 1 : 0.600
/ 7.40	.- 1 : 0.575	
/ 9.01	.- 1 : 0.470	
/ 9.01+GV90 / 7.40	High: .- 1 : 0.573	Normal: .- 1 : 0.471
6S-800 TO / 6.58-0.78	.- 1 : 0.530	
6AS-800 TO / 6.58-0.78	.- 1 : 0.530	
6S-1000 TO / 6.75-0.78	.- 1 : 0.530	
6AS-1000 TO / 6.75-0.78	.- 1 : 0.530	
6S-1200 TD / 7.72-1.00	.- 1 : 0.540	
6S-1200 TO / 6.75-0.83	.- 1 : 0.620	

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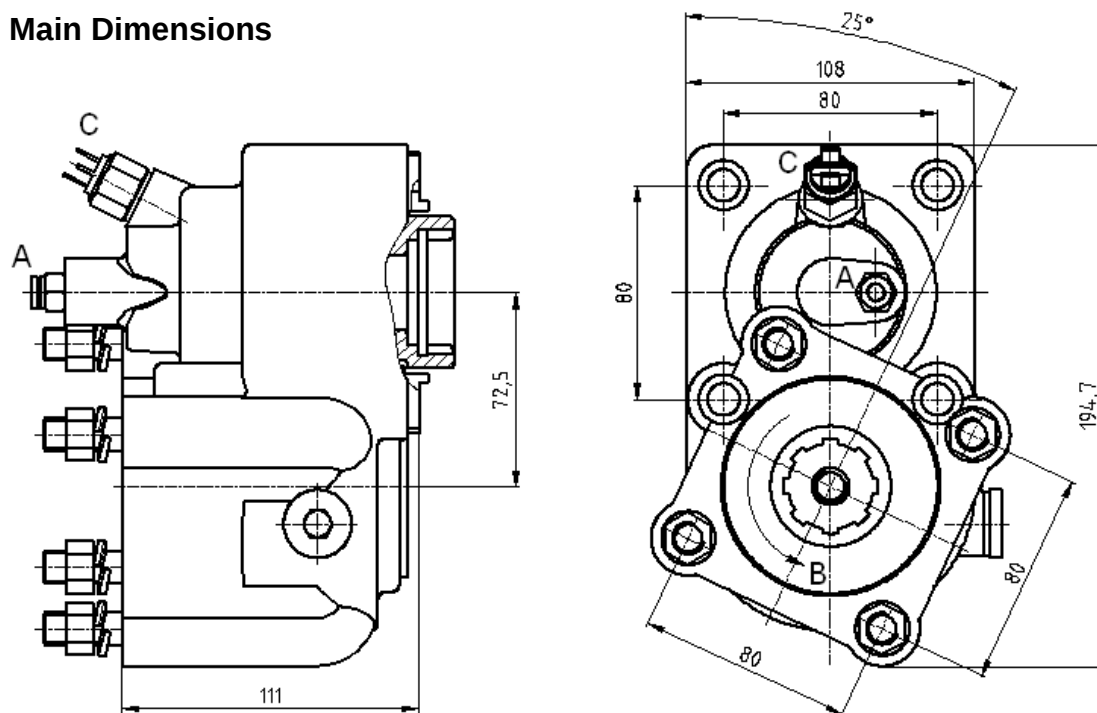
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Power Take Offs		Ref. TF4034AMP
Relation 1 : 1,73		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4034AMPS or TF4034AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	350
Intermittent Torque (Nm)	450
Power (at 1000 rpm)	48 cv / 36 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1,73
Indicative ratio from motor to PTO's output	
S5-50 / 5.30 .- 1 : 1.130	
/ 5.50 .- 1 : 1.064	
/ 6.20 .- 1 : 0.943	
/ 6.61 .- 1 : 0.882	
/ 6.61+GV80 / 5.30 High: .- 1 : 1.102 Normal: .- 1 : 0.882	
/ 8.02 .- 1 : 0.730	
/ 8.02+GV80 / 6.20 High: .-1 : 0.943 Normal: .- 1 : 0.728	

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Power Take Offs		Ref. TF4034AMP
Relation 1 : 1,73		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO REINFORCED	

Engine to PTO ratio		
S5-90 GPA	.- 1 : 1.540	
S6-65 / 6.37	.- 1 : 1.125	
/ 6.70	.- 1 : 1.073	
/ 7.00+GV70 / 7.67	High: .- 1 : 0.789	Normal: .- 1 : 0.631
/ 7.40	.- 1 : 0.972	
/ 7.52	.- 1 : 0.960	
/ 9.00	.- 1 : 0.799	
/ 7.97+GV80 / 6.70	High: .- 1 : 1.073	Normal: .- 1 : 0.908
/ 9.00+GV80 / 6.70	High: .- 1 : 1.073	Normal: .- 1 : 0.799
/ 9.00+GV80 / 7.52	High: .- 1 : 0.958	Normal: .- 1 : 0.799
S6-66 / 7.36-1.0	.- 1 : 0.903	
/ 9.06-1.0	.- 1 : 0.720	
S6-70 / 6.80	.- 1 : 0.889	
/ 6.80+GV70 / 5.71	High: .- 1 : 1.059	Normal: .- 1 : 0.889
/ 7.36	.- 1 : 0.827	
/ 7.92	.- 1 : 0.763	
/ 9.03	.- 1 : 0.670	
/ 9.59	.- 1 : 0.631	
S6-75 / 6.70+GV80 / 7.52	Normal: .- 1 : 1.073	Low: .- 1 : 0.958
S6-80 / 5.03	.- 1 : 1.349	
/ 5.66	.- 1 : 1.280	
/ 5.66+GV80 / 7.52	High: .- 1 : 1.277	Normal: .- 1 : 0.962
/ 6.10	.- 1 : 1.190	
/ 6.70	.- 1 : 1.073	
/ 6.70+GV80 / 5.30	High: .- 1 : 1.362	Normal: .- 1 : 1.073
/ 6.90	.- 1 : 0.891	
/ 7.35	.- 1 : 0.955	
/ 7.41	.- 1 : 0.974	
/ 7.53	.- 1 : 0.960	
/ 7.67	.- 1 : 0.934	
/ 7.67+GV80 / 6.70	High: .- 1 : 1.076	Normal: .- 1 : 0.939
/ 7.90	.- 1 : 0.908	
/ 9.00	.- 1 : 0.796	
/ 9.00+GV80 / 5.30	High: .- 1 : 1.362	Normal: .- 1 : 0.799
/ 9.00+GV80 / 7.48	High: .- 1 : 0.972	Normal: .- 1 : 0.799
/ 9.00+GV80 / 7.52	High: .- 1 : 0.958	Normal: .- 1 : 0.799
S6-90 / 5.67	.- 1 : 1.298	
/ 5.74	.- 1 : 1.280	
/ 6.37	.- 1 : 1.280	
/ 6.98	.- 1 : 1.059	
/ 7.03	.- 1 : 1.043	
/ 7.03+GV90 / 5.67	High: .- 1 : 1.298	Normal: .- 1 : 1.043
/ 7.03+GV90 / 5.74	High: .- 1 : 1.272	Normal: .- 1 : 1.038
/ 7.40	.- 1 : 0.995	
/ 9.01	.- 1 : 0.813	
/ 9.01+GV90 / 7.40	High: .- 1 : 0.991	Normal: .- 1 : 0.815
6S-800 TO / 6.58-0.78	.- 1 : 0.917	
6AS-800 TO / 6.58-0.78	.- 1 : 0.917	
6S-1000 TO / 6.75-0.78	.- 1 : 0.917	
6AS-1000 TO / 6.75-0.78	.- 1 : 0.917	
6S-1200 TD / 7.72-1.00	.- 1 : 0.934	
6S-1200 TO / 6.75-0.83	.- 1 : 1.073	

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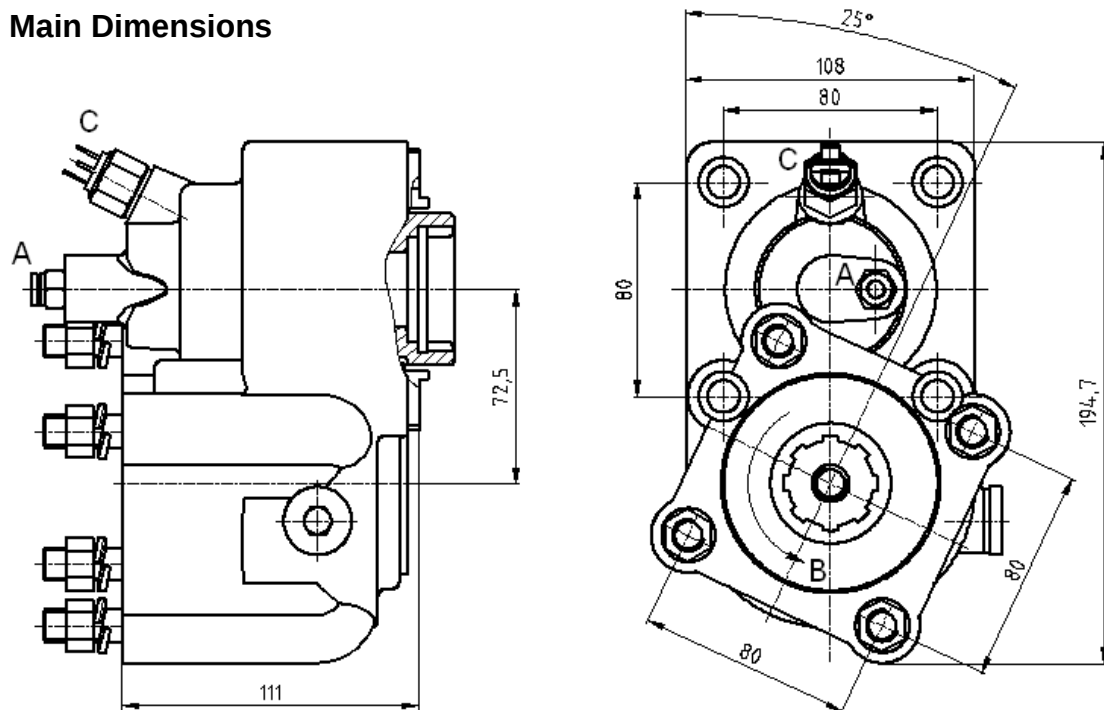
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Power Take Offs		Ref. TF4035AMP
Relation 1 : 1,56		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ;	
	6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO	
	REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4035AMPS or TF4035AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	400
Intermittent Torque (Nm)	500
Power (at 1000 rpm)	55 cv / 40 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1,56
Indicative ratio from motor to PTO's output	
S5-50 / 5.30 .- 1 : 1.019	
/ 5.50 .- 1 : 0.959	
/ 6.20 .- 1 : 0.850	
/ 6.61 .- 1 : 0.796	
/ 6.61+GV80 / 5.30 High: .- 1 : 0.994 Normal: .- 1 : 0.796	
/ 8.02 .- 1 : 0.658	
/ 8.02+GV80 / 6.20 High: .-1 : 0.850 Normal: .- 1 : 0.657	

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Power Take Offs		Ref. TF4035AMP
Relation 1 : 1,56		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO REINFORCED	

Engine to PTO ratio		
S5-90 GPA	- 1 : 1.388	
S6-65 / 6.37	- 1 : 1.014	
/ 6.70	- 1 : 0.967	
/ 7.00+GV70 / 7.67	High: - 1 : 0.711	Normal: - 1 : 0.569
/ 7.40	- 1 : 0.877	
/ 7.52	- 1 : 0.866	
/ 9.00	- 1 : 0.721	
/ 7.97+GV80 / 6.70	High: - 1 : 0.967	Normal: - 1 : 0.819
/ 9.00+GV80 / 6.70	High: - 1 : 0.967	Normal: - 1 : 0.721
/ 9.00+GV80 / 7.52	High: - 1 : 0.864	Normal: - 1 : 0.721
S6-66 / 7.36-1.0	- 1 : 0.814	
/ 9.06-1.0	- 1 : 0.649	
S6-70 / 6.80	- 1 : 0.802	
/ 6.80+GV70 / 5.71	High: - 1 : 0.955	Normal: - 1 : 0.802
/ 7.36	- 1 : 0.746	
/ 7.92	- 1 : 0.688	
/ 9.03	- 1 : 0.604	
/ 9.59	- 1 : 0.569	
S6-75 / 6.70+GV80 / 7.52	Normal: - 1 : 0.967	Low: - 1 : 0.864
S6-80 / 5.03	- 1 : 1.217	
/ 5.66	- 1 : 1.154	
/ 5.66+GV80 / 7.52	High: - 1 : 1.151	Normal: - 1 : 0.867
/ 6.10	- 1 : 1.073	
/ 6.70	- 1 : 0.967	
/ 6.70+GV80 / 5.30	High: - 1 : 1.228	Normal: - 1 : 0.967
/ 6.90	- 1 : 0.803	
/ 7.35	- 1 : 0.861	
/ 7.41	- 1 : 0.878	
/ 7.53	- 1 : 0.866	
/ 7.67	- 1 : 0.842	
/ 7.67+GV80 / 6.70	High: - 1 : 0.970	Normal: - 1 : 0.847
/ 7.90	- 1 : 0.819	
/ 9.00	- 1 : 0.718	
/ 9.00+GV80 / 5.30	High: - 1 : 1.228	Normal: - 1 : 0.721
/ 9.00+GV80 / 7.48	High: - 1 : 0.877	Normal: - 1 : 0.721
/ 9.00+GV80 / 7.52	High: - 1 : 0.864	Normal: - 1 : 0.721
S6-90 / 5.67	- 1 : 1.170	
/ 5.74	- 1 : 1.154	
/ 6.37	- 1 : 1.154	
/ 6.98	- 1 : 0.955	
/ 7.03	- 1 : 0.941	
/ 7.03+GV90 / 5.67	High: - 1 : 1.170	Normal: - 1 : 0.941
/ 7.03+GV90 / 5.74	High: - 1 : 1.147	Normal: - 1 : 0.936
/ 7.40	- 1 : 0.897	
/ 9.01	- 1 : 0.733	
/ 9.01+GV90 / 7.40	High: - 1 : 0.894	Normal: - 1 : 0.735
6S-800 TO / 6.58-0.78	- 1 : 0.827	
6AS-800 TO / 6.58-0.78	- 1 : 0.827	
6S-1000 TO / 6.75-0.78	- 1 : 0.827	
6AS-1000 TO / 6.75-0.78	- 1 : 0.827	
6S-1200 TD / 7.72-1.00	- 1 : 0.872	
6S-1200 TO / 6.75-0.83	- 1 : 0.967	

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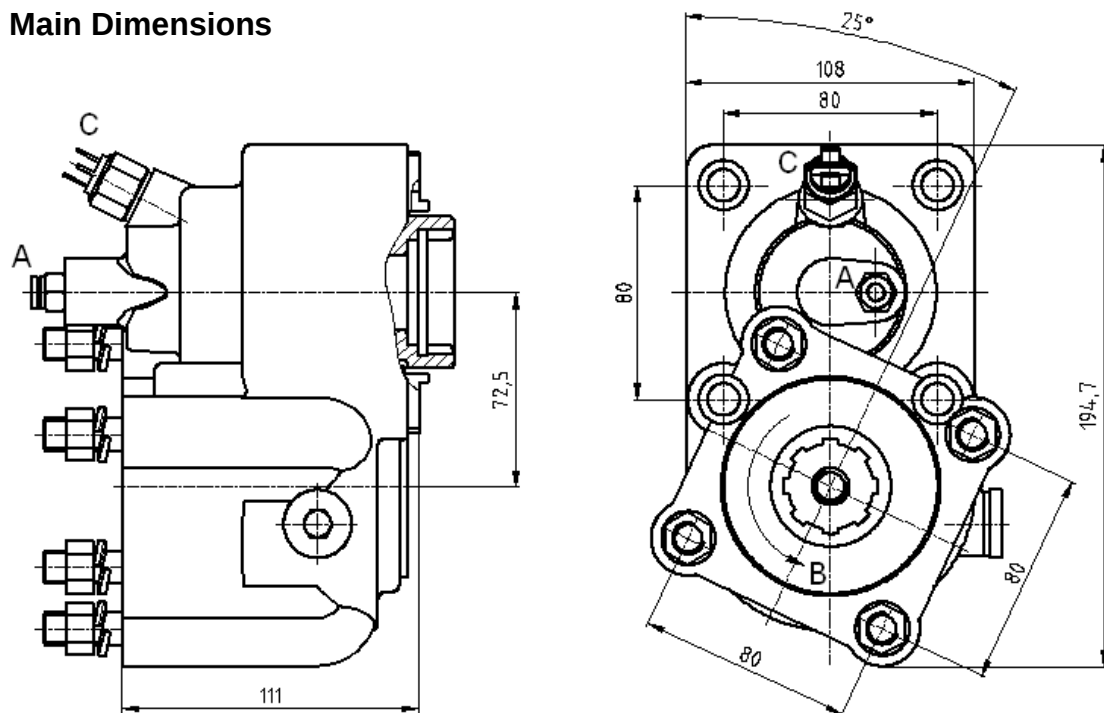
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Power Take Offs		Ref. TF4036AMP
Relation 1 : 1,35		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ;	
	6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO	
	REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4036AMPS or TF4036AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	450
Intermittent Torque (Nm)	500
Power (at 1000 rpm)	62 cv / 46 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1,35
Indicative ratio from motor to PTO's output	
S5-50 / 5.30 .- 1 : 0.882	
/ 5.50 .- 1 : 0.830	
/ 6.20 .- 1 : 0.736	
/ 6.61 .- 1 : 0.689	
/ 6.61+GV80 / 5.30 High: .- 1 : 0.860 Normal: .- 1 : 0.689	
/ 8.02 .- 1 : 0.570	
/ 8.02+GV80 / 6.20 High: .- 1 : 0.736 Normal: .- 1 : 0.568	

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Power Take Offs		Ref. TF4036AMP
Relation 1 : 1,35		
ZF	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 TO ; 6AS-800 TO ; 6S-1000 TO ; 6AS-1000 TO ; 6S-1200 TD/TO REINFORCED	

Engine to PTO ratio		
S5-90 GPA	- 1 : 1.202	
S6-65 / 6.37	- 1 : 0.878	
/ 6.70	- 1 : 0.837	
/ 7.00+GV70 / 7.67	High: - 1 : 0.616	Normal: - 1 : 0.493
/ 7.40	- 1 : 0.759	
/ 7.52	- 1 : 0.749	
/ 9.00	- 1 : 0.624	
/ 7.97+GV80 / 6.70	High: - 1 : 0.837	Normal: - 1 : 0.709
/ 9.00+GV80 / 6.70	High: - 1 : 0.837	Normal: - 1 : 0.624
/ 9.00+GV80 / 7.52	High: - 1 : 0.748	Normal: - 1 : 0.624
S6-66 / 7.36-1.0	- 1 : 0.705	
/ 9.06-1.0	- 1 : 0.562	
S6-70 / 6.80	- 1 : 0.694	
/ 6.80+GV70 / 5.71	High: - 1 : 0.826	Normal: - 1 : 0.694
/ 7.36	- 1 : 0.645	
/ 7.92	- 1 : 0.595	
/ 9.03	- 1 : 0.522	
/ 9.59	- 1 : 0.493	
S6-75 / 6.70+GV80 / 7.52	Normal: - 1 : 0.837	Low: - 1 : 0.748
S6-80 / 5.03	- 1 : 1.053	
/ 5.66	- 1 : 0.999	
/ 5.66+GV80 / 7.52	High: - 1 : 0.996	Normal: - 1 : 0.751
/ 6.10	- 1 : 0.929	
/ 6.70	- 1 : 0.837	
/ 6.70+GV80 / 5.30	High: - 1 : 1.062	Normal: - 1 : 0.837
/ 6.90	- 1 : 0.695	
/ 7.35	- 1 : 0.745	
/ 7.41	- 1 : 0.760	
/ 7.53	- 1 : 0.749	
/ 7.67	- 1 : 0.729	
/ 7.67+GV80 / 6.70	High: - 1 : 0.840	Normal: - 1 : 0.733
/ 7.90	- 1 : 0.709	
/ 9.00	- 1 : 0.621	
/ 9.00+GV80 / 5.30	High: - 1 : 1.062	Normal: - 1 : 0.624
/ 9.00+GV80 / 7.48	High: - 1 : 0.759	Normal: - 1 : 0.624
/ 9.00+GV80 / 7.52	High: - 1 : 0.748	Normal: - 1 : 0.624
S6-90 / 5.67	- 1 : 1.013	
/ 5.74	- 1 : 0.999	
/ 6.37	- 1 : 0.999	
/ 6.98	- 1 : 0.826	
/ 7.03	- 1 : 0.814	
/ 7.03+GV90 / 5.67	High: - 1 : 1.013	Normal: - 1 : 0.814
/ 7.03+GV90 / 5.74	High: - 1 : 0.992	Normal: - 1 : 0.810
/ 7.40	- 1 : 0.776	
/ 9.01	- 1 : 0.635	
/ 9.01+GV90 / 7.40	High: - 1 : 0.774	Normal: - 1 : 0.636
6S-800 TO / 6.58-0.78	- 1 : 0.716	
6AS-800 TO / 6.58-0.78	- 1 : 0.716	
6S-1000 TO / 6.75-0.78	- 1 : 0.716	
6AS-1000 TO / 6.75-0.78	- 1 : 0.716	
6S-1200 TD / 7.72-1.00	- 1 : 0.729	
6S-1200 TO / 6.75-0.83	- 1 : 0.837	

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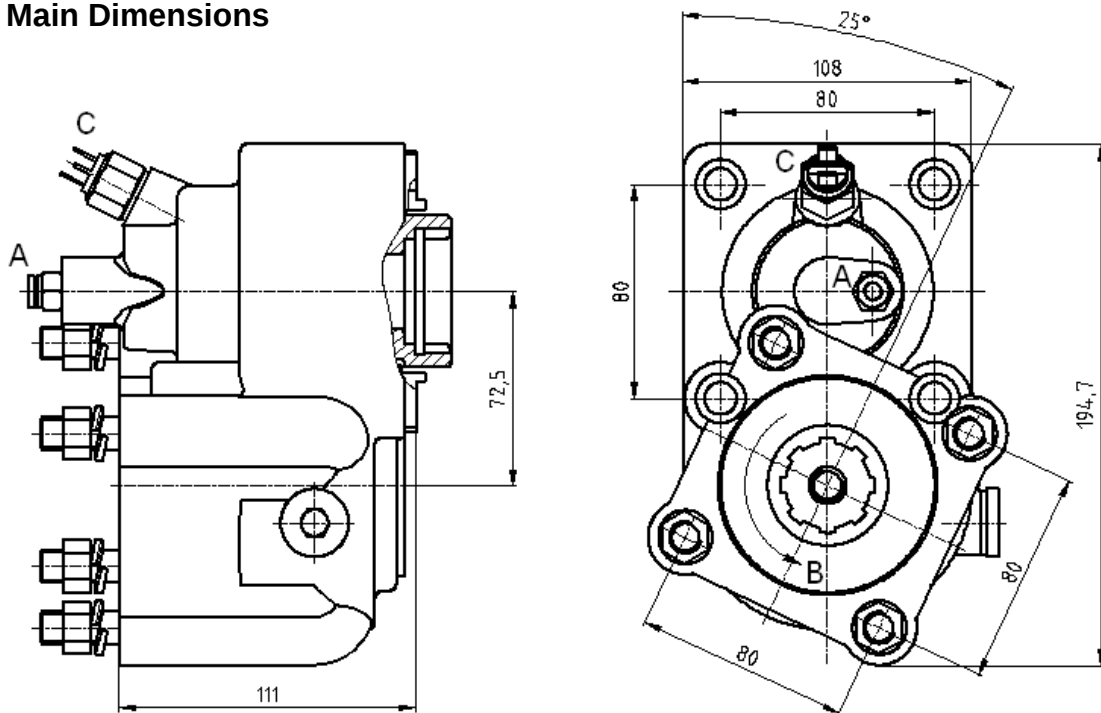
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Power Take Offs		Ref. TF4037AMP
Relation 1 : 1,56		
ZF	S6-36 ; 6S-850 ; 6S-700 REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4037AMPS or TF4037AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	400
Intermittent Torque (Nm)	500
Power (at 1000 rpm)	55 cv / 40 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1,56
Indicative ratio from motor to PTO's output	
6-S-850 / 6.72-0.79	.- 1 : 0.827
/ 6.93-0.80	.- 1 : 0.796
/ 7.43-1.00	.- 1 : 0.749
/ 8.97-1.00	.- 1 : 0.626

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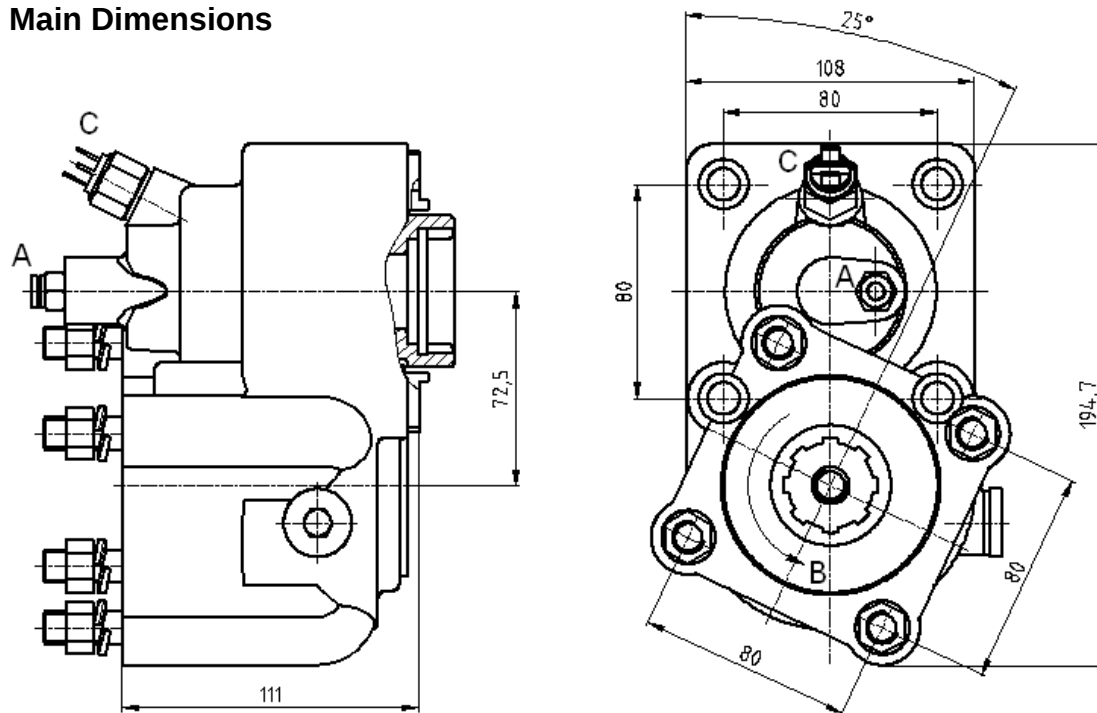
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Power Take Offs		Ref. TF4038AMP
Relation 1 : 1,35		
ZF	S6-36 ; 6S-850 ; 6S-700 REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4038AMPS or TF4038AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	450
Intermittent Torque (Nm)	550
Power (at 1000 rpm)	62 cv / 46 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1,35
Indicative ratio from motor to PTO's output	
6-S-850 / 6.72-0.79	.- 1 : 0.716

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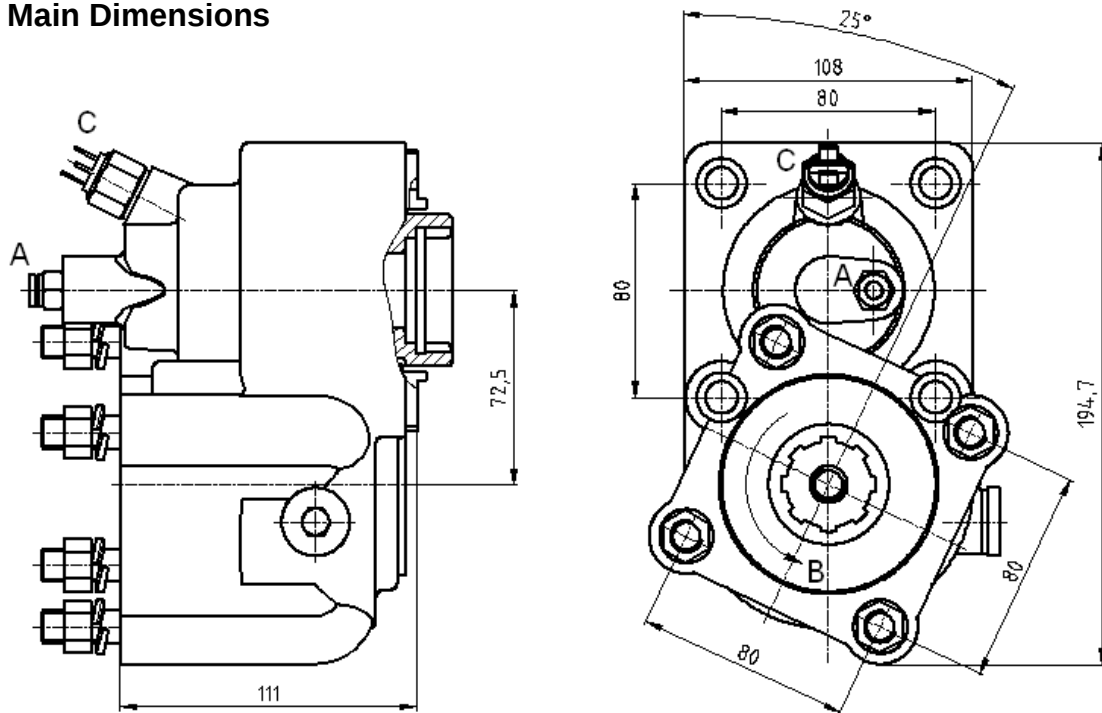
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Power Take Offs		Ref. TF4039AMP
Relation 1 : 1		
ZF	S6-36 ; 6S-850 ; 6S-700 REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4039AMPS or TF4039AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	500
Intermittent Torque (Nm)	550
Power (at 1000 rpm)	69 cv / 51 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1
Indicative ratio from motor to PTO's output	
6-S-850 / 6.72-0.79	.- 1 : 0.530
/ 6.93-0.80	.- 1 : 0.510
/ 7.43-1.00	.- 1 : 0.480
/ 8.97-1.00	.- 1 : 0.401

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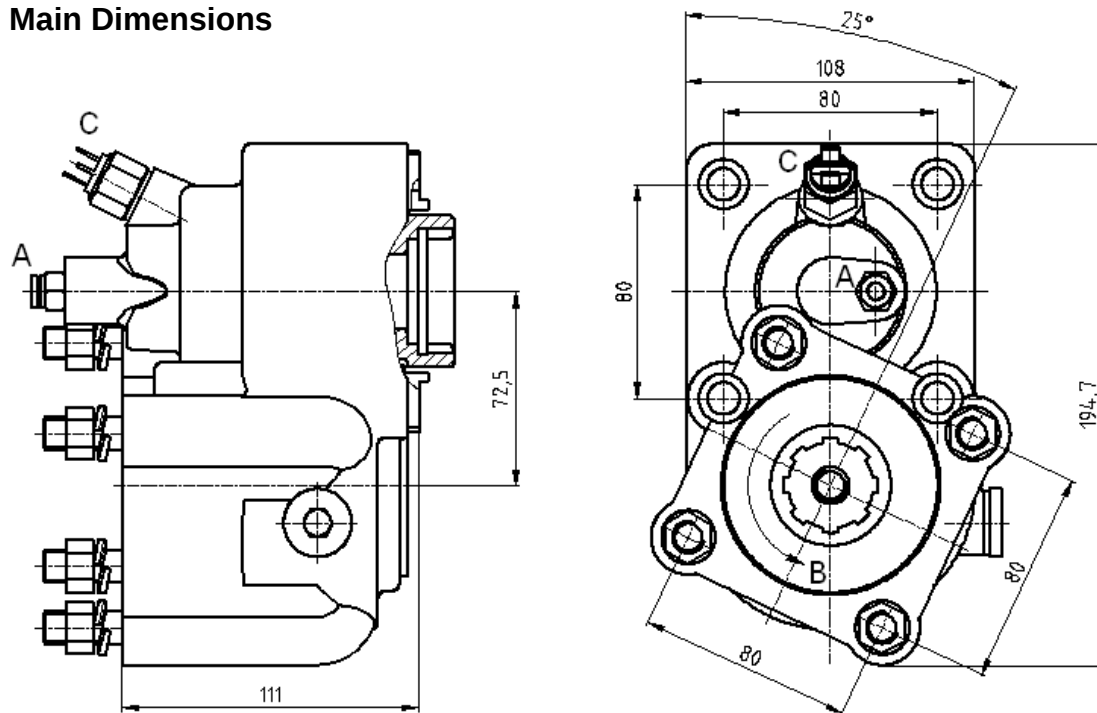
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Power Take Offs		Ref. TF4040AMP
Relation 1 : 1,73		
ZF	S6-36 ; 6S-850 ; 6S-700 REINFORCED	

To apply with Gear Pumps or with Piston Pumps

Main Dimensions



A – Air connection

B – Sense of rotation

C – Option: Electric sensor with mechanical driving Ref. TF4040AMPS or TF4040AMPC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	400
Intermittent Torque (Nm)	500
Power (at 1000 rpm)	48 cv / 36 kW
Mounting Position	Rear
Pump Rotation	Right Hand
Weight (kg)	11
PTO internal ratio	1:1,73
Indicative ratio from motor to PTO's output	
6-S-850 / 6.72-0.79	.- 1 : 0.917
/ 6.93-0.80	.- 1 : 0.882
/ 7.43-1.00	.- 1 : 0.830
/ 8.97-1.00	.- 1 : 0.694

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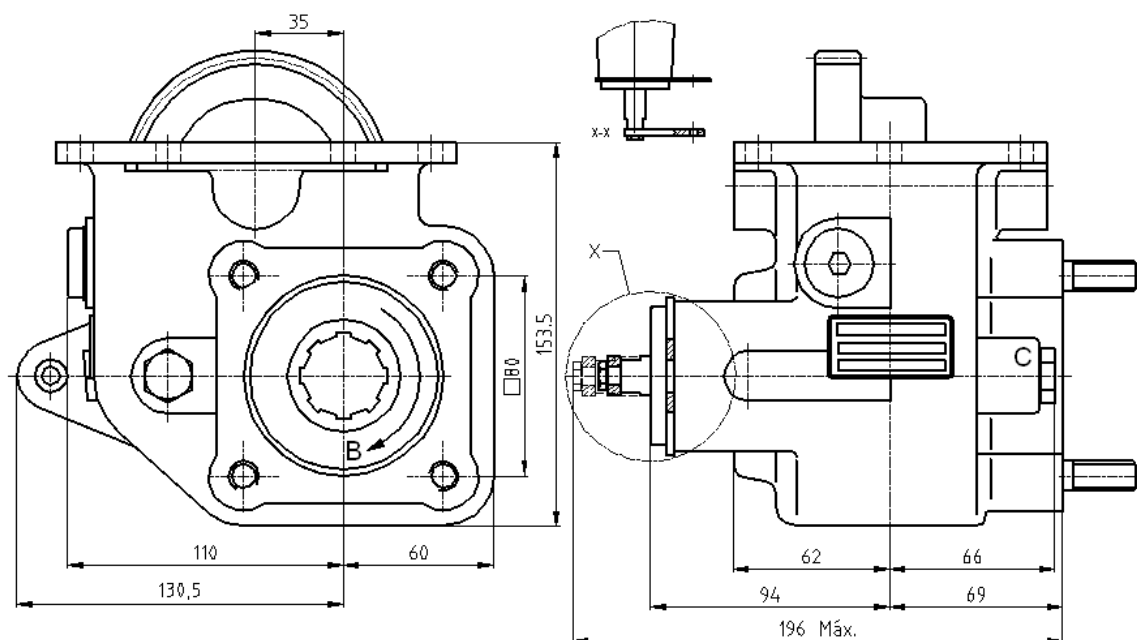
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POWER TAKE OFFS		Ref. TF4105M
ZF	6S-420 ; MO37S6 Mechanic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



X – Mechanic control

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4105MS or TF4105MC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,391
Indicative ratio from motor to PTO's output	1:1,043

CTI TF4105M 1211-1

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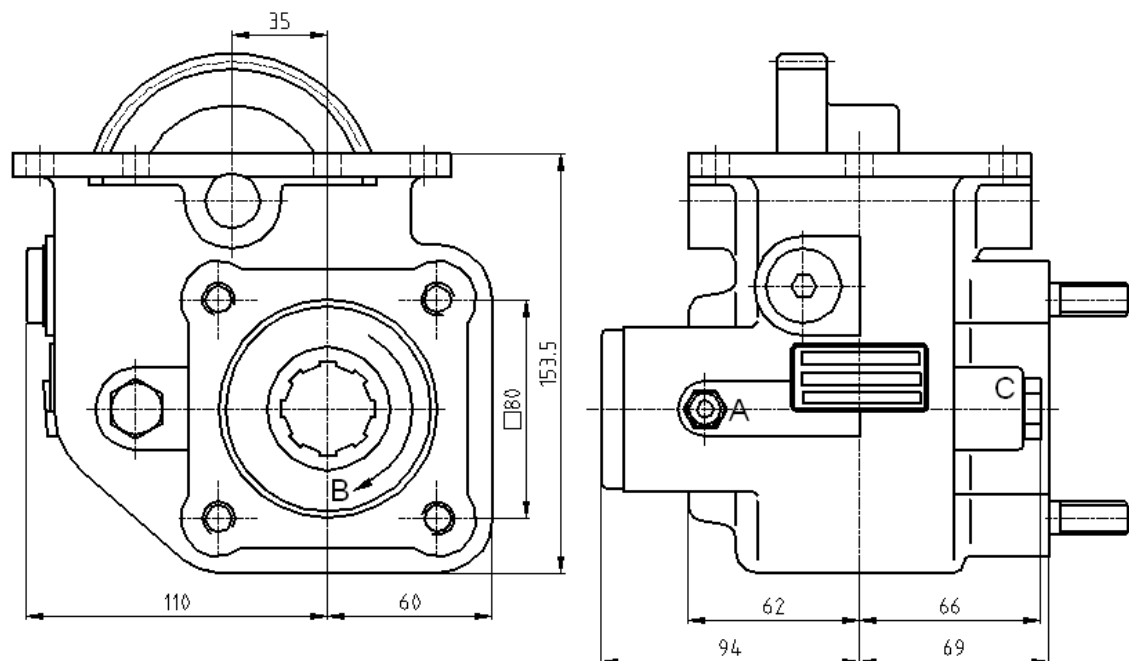
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POWER TAKE OFFS		Ref. TF4105P
ZF	6S-420 ; MO37S6 Pneumatic Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Pneumatic connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4105PS or TF4105PC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,391
Indicative ratio from motor to PTO's output	1:1,043

CTI TF4105P 1211-1

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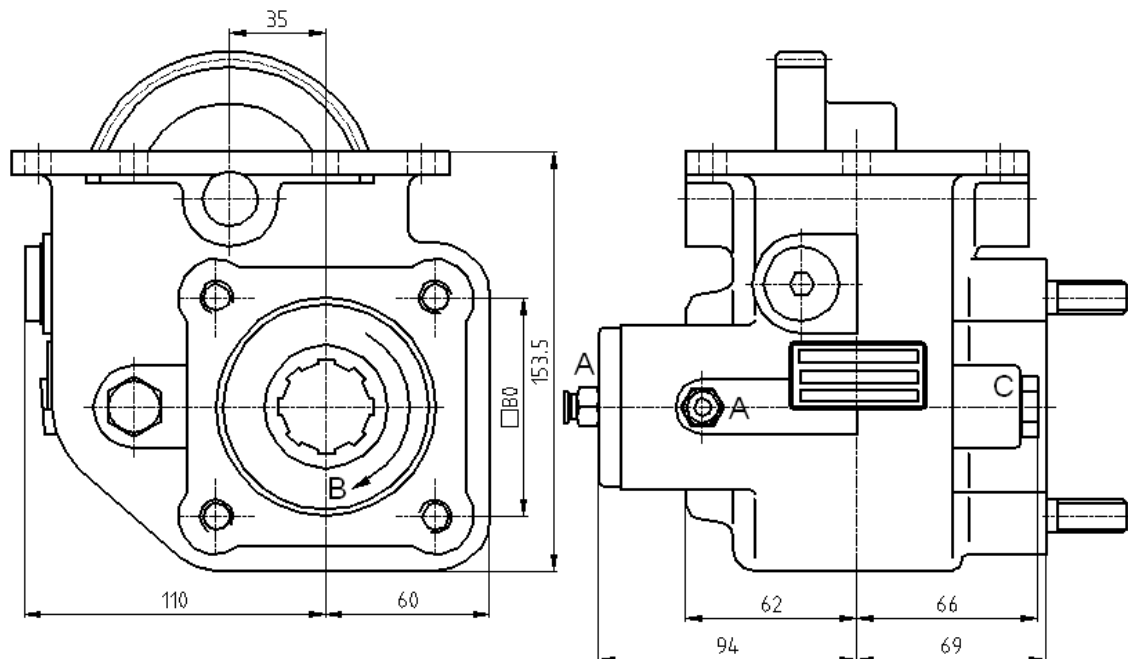
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POWER TAKE OFFS		Ref. TF4105V
ZF	6S-420 ; MO37S6 Vacuum Control	

To apply with Gear Pumps or Piston Pumps

Main Dimensions



A – Vacuum connection

B – Pump rotation

C – Option: Electric sensor with mechanical driving Ref. TF4105VS or TF4105VC

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 rpm)	42 cv / 32 kW
Mounting Position	Left
Pump Rotation	Left Hand
Weight (kg)	12
PTO internal ratio	1:1,391
Indicative ratio from motor to PTO's output	1:1,043

CTI TF4105V 1211-1

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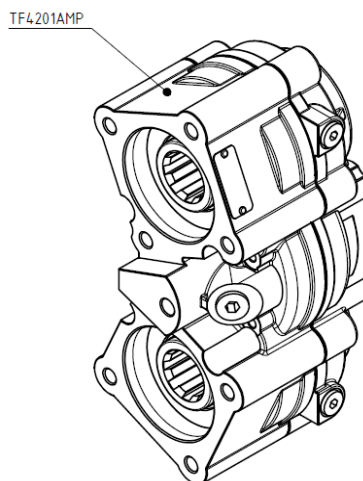
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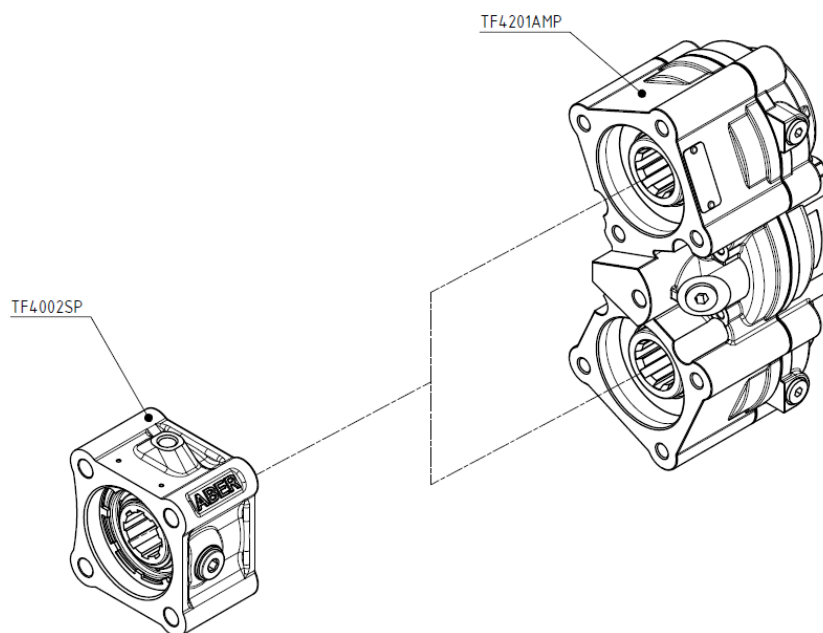


Power Take Offs		Ref. TF4201AMP
Relation 1 : 1,56		
ZF Twin output	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 ; 6S-1000	

Pneumatic engagement for PTO TF4201AMP



Pneumatic independent engagement for PTO TF4201AMP



To use the two outputs of the power take off TF4201AMP independently it's necessary assembly the PTO TF4002SP (internal ratio: 1:1) in the output(s). To use this option order TF4201AMP+TF4002SP+JUNK4201SPAMP.

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Power Take Offs		Ref. TF4201AMP
Relation 1 : 1,56		
ZF Twin output	S5-50 ; S5-90 ; S6-65 ; S6-66 ; S6-70 ; S6-75 ; S6-80 ; S6-90 ; 6S-800 ; 6S-1000	

Indicative ratio from motor to PTO's output		
S5-50 / 5.30 .- 1 : 1.019		
/ 5.50 .- 1 : 0.960		
/ 6.20 .- 1 : 0.850		
/ 6.61 .- 1 : 0.796		
/ 6.61+GV80 / 5.30 High: .- 1 : 0.994 Normal: .- 1 : 0.796		
/ 8.02 .- 1 : 0.658		
/ 8.02+GV80 / 6.20 High: .-1 : 0.850 Normal: .- 1 : 0.657		
S5-90 GPA .- 1 : 1.389		
S6-65 / 6.37 .- 1 : 1.014		
/ 6.70 .- 1 : 0.967		
/ 7.00+GV70 / 7.67 High: .- 1 : 0.711 Normal: .- 1 : 0.569		
/ 7.40 .- 1 : 0.877		
/ 7.52 .- 1 : 0.866		
/ 9.00 .- 1 : 0.721		
/ 7.97+GV80 / 6.70 High: .- 1 : 0.967 Normal: .- 1 : 0.819		
/ 9.00+GV80 / 6.70 High: .- 1 : 0.967 Normal: .- 1 : 0.720		
/ 9.00+GV80 / 7.52 High: .- 1 : 0.864 Normal: .- 1 : 0.720		
S6-66 / 7.36-1.0 .- 1 : 0.814		
/ 9.06-1.0 .- 1 : 0.649		
S6-70 / 6.80 .- 1 : 0.802		
/ 6.80+GV70 / 5.71 High: .- 1 : 0.955 Normal: .- 1 : 0.802		
/ 7.36 .- 1 : 0.746		
/ 7.92 .- 1 : 0.688		
/ 9.03 .- 1 : 0.604		
/ 9.59 .- 1 : 0.569		
S6-75 / 6.70+GV80 / 7.52 Normal: .- 1 : 0.967 Low: .- 1 : 0.864		
S6-80 / 5.03 .- 1 : 1.217		
/ 5.66 .- 1 : 1.154		
/ 5.66+GV80 / 7.52 High: .- 1 : 1.151 Normal: .- 1 : 0.867		
/ 6.10 .- 1 : 1.073		
/ 6.70 .- 1 : 0.967		
/ 6.70+GV80 / 5.30 High: .- 1 : 1.228 Normal: .- 1 : 0.967		
/ 6.90 .- 1 : 0.803		
/ 7.35 .- 1 : 0.861		
/ 7.41 .- 1 : 0.878		
/ 7.53 .- 1 : 0.866		
/ 7.67 .- 1 : 0.842		
/ 7.67+GV80 / 6.70 High: .- 1 : 0.970 Normal: .- 1 : 0.847		
/ 7.90 .- 1 : 0.819		
/ 9.00 .- 1 : 0.718		
/ 9.00+GV80 / 5.30 High: .- 1 : 1.228 Normal: .- 1 : 0.721		
/ 9.00+GV80 / 7.48 High: .- 1 : 0.877 Normal: .- 1 : 0.721		
/ 9.00+GV80 / 7.52 High: .- 1 : 0.864 Normal: .- 1 : 0.721		
S6-90 / 5.67 .- 1 : 1.170		
/ 5.74 .- 1 : 1.154		
/ 6.37 .- 1 : 1.154		
/ 6.98 .- 1 : 0.955		
/ 7.03 .- 1 : 0.941		
/ 7.03+GV90 / 5.67 High: .- 1 : 1.170 Normal: .- 1 : 0.941		
/ 7.03+GV90 / 5.74 High: .- 1 : 1.147 Normal: .- 1 : 0.936		
/ 7.40 .- 1 : 0.897		
/ 9.01 .- 1 : 0.733		
/ 9.01+GV90 / 7.40 High: .- 1 : 0.894 Normal: .- 1 : 0.735		

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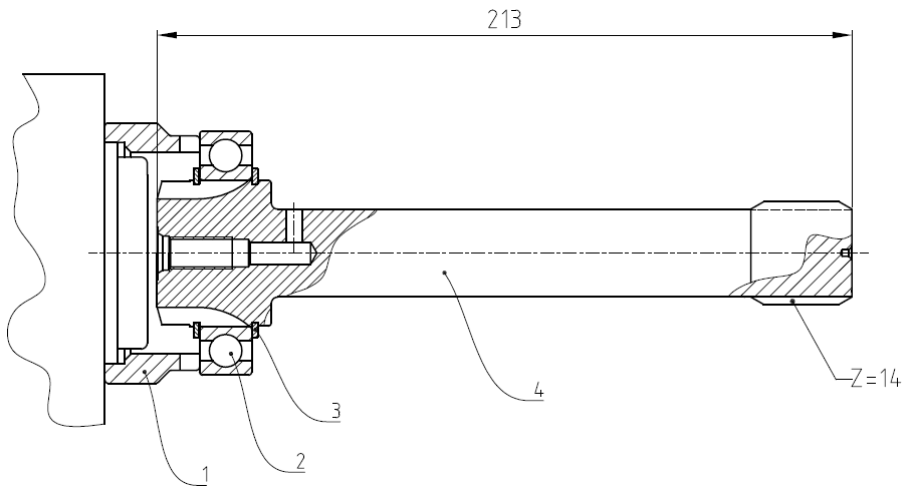


ADAPTER KIT TO POWER TAKE OFFS
ZF

8-S-151; 16-S-151 ; 16-S-181 ; 16-S-221 ; 16-S-1620 TD ; 16-S-1820 TO;
16-S-1920 TD;16-S-2220 TO/TD; 16-S-2520 TO; 8S-1620 TD; 8S-1820 TO;
8S-220 TO; 16S-2320 TD; 16S-2330 TD; 16S-2720 TO; 16S-2730 TO

Ref. VK4001S
VK4001AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4001

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	1.7
Engine-Kit adapter ratio	

8-S-151 / 13.79 - 1:0.920

8-S-1620 TD / 13.80-1.0 - 1:0.910

8-S-1820 TO / 11.54-0.84 ; 8-S-220 TO / 11.54-0.84 - 1:1.090

16-S-151 / 13.85-0.84 High:- 1:0.920 Normal:- 1:0.770
/ 16.53-1.00 High:- 1:0.920 Normal:- 1:0.770

16-S-221 / 13.85-0.84 High:- 1:0.920 Normal:- 1:0.770
/ 16.53-1.00 High:- 1:0.920 Normal:- 1:0.770

16-S-181 / 13.85-0.84 High:- 1:0.920 Normal:- 1:0.770
/ 16.53-1.00 High:- 1:0.920 Normal:- 1:0.770

16-S-1820 TO ; 16-S-2220 TO ; 16-S-2520 TO ; 16-S-2720 TO ; 16-S-2730 TO / 13.80-0.84 High:- 1:1.090 Normal:- 1:0.910

16-S-1620 TD ; 16-S-1920 TD ; 16-S-2220 TD ; 16-S-2320 TD ; 16-S-2330 TD / 16.41-1.0 High:- 1:0.910 Normal:- 1:0.770

Note 1: For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example: Gearbox 16-S-151 / 13.85-0.84 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32

Final ratio: High - 1 : 1.214 (0.920 x 1.32 = 1.214)

Normal - 1 : 1.016 (0.770 x 1.32 = 1.016)

Note 2: Adapter Kit is supplied without studs.Please use those that are provided with the PTO.

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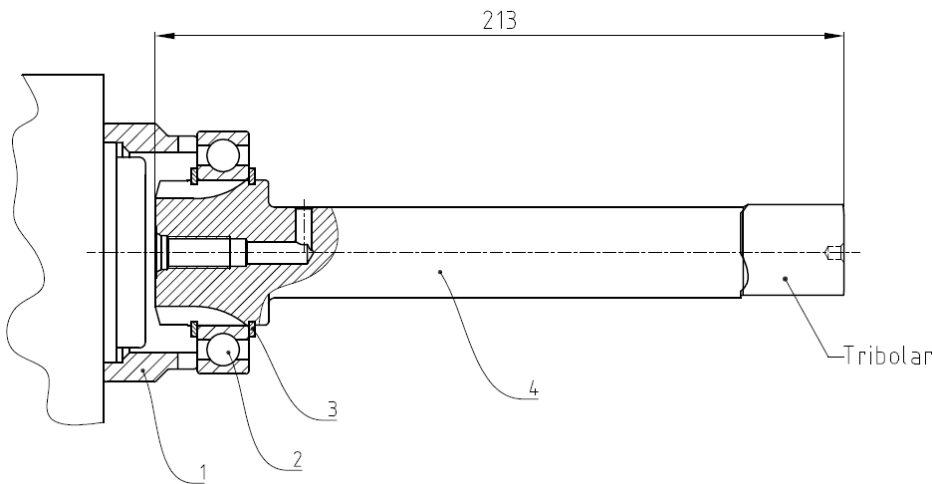


ADAPTER KIT TO POWER TAKE OFFS
ZF

16-S-130 ; 16-S-160 ; 16-S-190 ; 16-S-220 ; 16-S-112/17,28 ; 8-S-151;
16-S-151 ; 16-S-181 ; 16-S-221

Ref. VK4002S
VK4002AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4002

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 H.P. / 32 Kw
Weight (Kg)	1.7
Engine-Kit adapter ratio	
16-S-130/11.46	High: - 1 : 0.97 Normal: - 1 : 0.82
/ 13.68	High: - 1 : 0.97 Normal: - 1 : 0.82
/ 14.14	High: - 1 : 0.92 Normal: - 1 : 0.77
/ 16.47	High: - 1 : 0.92 Normal: - 1 : 0.77
/ 17.47	High: - 1 : 0.91 Normal: - 1 : 0.74
/ 11.74	High: - 1 : 0.97 Normal: - 1 : 0.82
/ 13.80	High: - 1 : 0.92 Normal: - 1 : 0.77
/ 14.29	High: - 1 : 0.91 Normal: - 1 : 0.74
/ 17.06	High: - 1 : 0.91 Normal: - 1 : 0.74

Note 1:
For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.
Example:
Gearbox 16-S-130 / 11.46 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32
Final ratio: High - 1 : 1.2804 (0.97 x 1.32 = 1.2804)
Normal - 1 : 1.0824 (0.82 x 1.32 = 1.0824)

Note 2:
Adapter Kit is supplied without studs. Please use those that are provided with the PTO.

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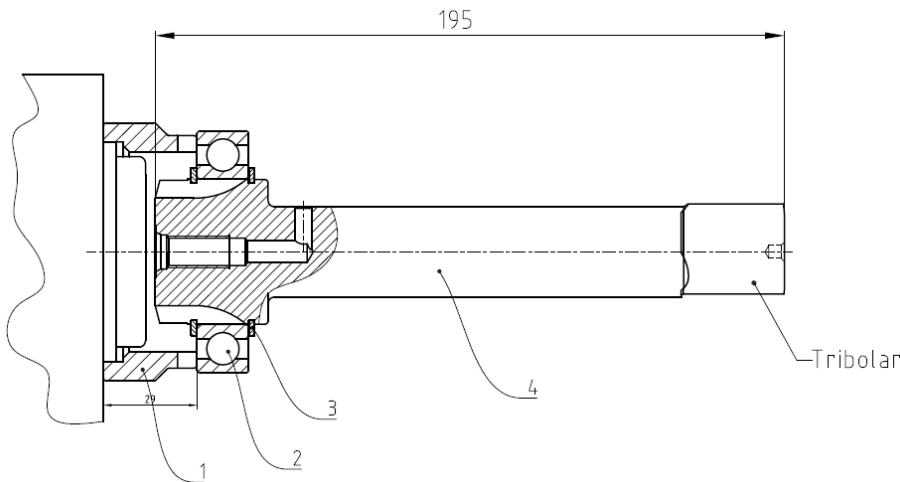


ADAPTER KIT TO POWER TAKE OFFS
ZF

16-K-130 ; 16-S-112 ; 16-S-150

Ref. VK4005S
VK4005AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4005

(Dimensions in mm)

Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 H.P. / 32 Kw
Weight (Kg)	1.7
Engine-Kit adapter ratio	
16-S-112/11.46 High: - 1 : 0.963 Normal: - 1 : 0.820	
/ 13.68 High: - 1 : 0.963 Normal: - 1 : 0.820	

Note 1:
For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.
Example:
Gearbox 16-S-112 / 11.46 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32
Final ratio: High - 1 : 1.27116 (0.963 x 1.32 = 1.27116)
Normal - 1 : 1.0824 (0.82 x 1.32 = 1.0824)

Note 2:
Adapter Kit is supplied without studs.Please use those that are provided with the PTO.

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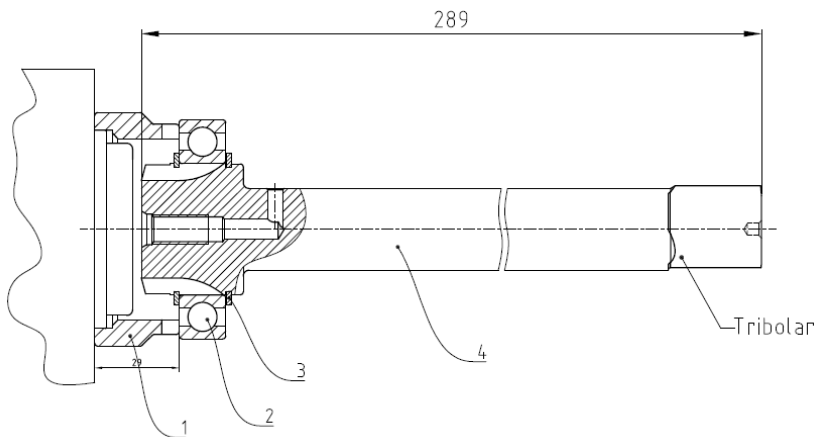


ADAPTER KIT TO POWER TAKE OFFS
ZF

16-S-112 A ; 16-S-130 A ; 16-S-160 A ; 16-S-190 A ; 16-S-220 A

Ref. VK4006S
VK4006AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4006

(Dimensions in mm)

Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 H.P. / 32 Kw
Weight (Kg)	2
Engine-Kit adapter ratio	
16-S-160 A / 11.74 High: .- 1 : 0.963 Normal: .- 1 : 0.820	
/ 17.47 High: .- 1 : 0.910 Normal: .- 1 : 0.740	
/ 14.14 High: .- 1 : 0.920 Normal: .- 1 : 0.770	
16-S-190 A / 11.74 High: .- 1 : 0.970 Normal: .- 1 : 0.820	
16-S-220 A / 14.14 High: .- 1 : 0.920 Normal: .- 1 : 0.770	

Note 1:
For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.
Example:
Gearbox 16-S-160 A / 11.74 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32
Final ratio: High .- 1 : 1.271 (0.963 x 1.32 = 1.271)
 Normal .- 1 : 1.082 (0.820 x 1.32 = 1.082)

Note 2:
Adapter Kit is supplied without studs.Please use those that are provided with the PTO.

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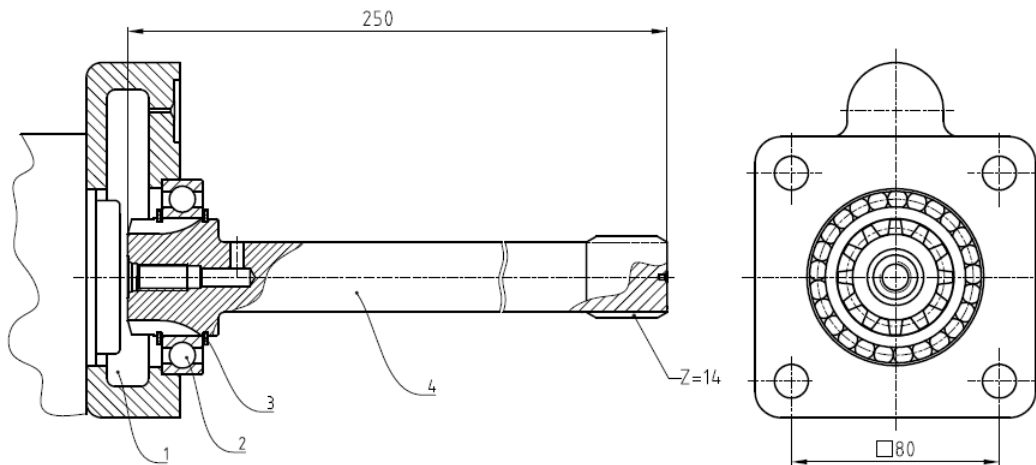


ADAPTER KIT TO POWER TAKE OFFS
ZF

16-S-151 IT; 16-S-181 IT; 16-S-221 IT; 16-S-1621 TD IT; 16-S-1821 TO IT;
16-S-1921 TD IT; 16-S-2221 TD/TO IT; 16-S-2321 TD IT; 16-S-2331 TD IT;
16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT

Ref.VK4007S

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4007

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2
Engine-Kit adapter ratio	
16-S-151/221 /13.80 High:- 1 : 0.92 Normal:- 1 : 0.77	
/13.85 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.41 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.47 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.53 High:- 1 : 0.92 Normal:- 1 : 0.77	
16-S-1621 TD IT; 16-S-1921 TD IT; 16-S-2221 TD IT; 16-S-2321 TD IT; 16-S-2331 TD IT	/16.41 High:- 1 : 0.91 Normal:- 1 : 0.77
16-S-1821 TO IT; 16-S-2221 TO IT; 16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT	/13.80 High:- 1 : 1.09 Normal:- 1 : 0.91

KIT Studs:

KIT VK4007S for PTO (ratio 1:1)

- 4 stud M12x155
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute IT

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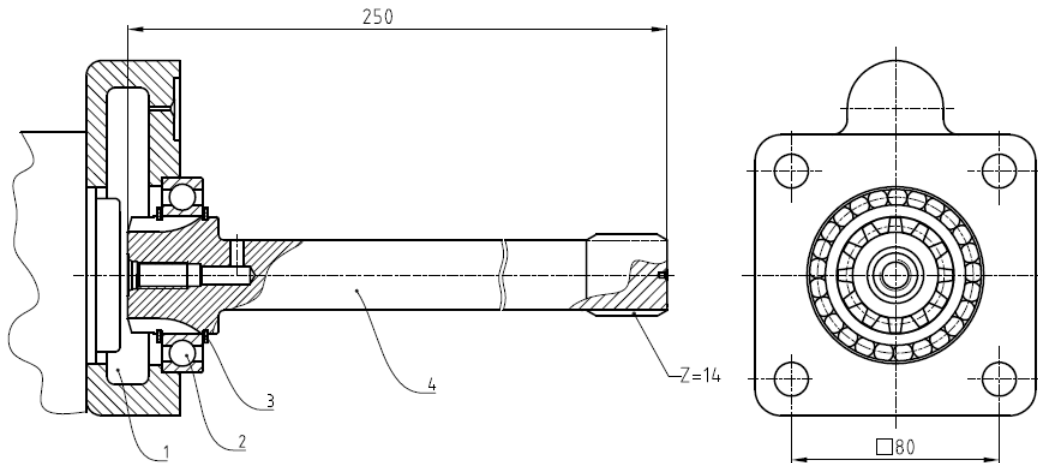


ADAPTER KIT TO POWER TAKE OFFS ZF

16-S-151 IT; 16-S-181 IT; 16-S-221 IT; 16-S-1621 TD IT; 16-S-1821 TO IT;
16-S-1921 TD IT; 16-S-2221 TD/TO IT; 16-S-2321 TD IT; 16-S-2331 TD IT;
16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT

Ref.VK4007AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4007

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2
Engine-Kit adapter ratio	
16-S-151/221 /13.80 High:- 1 : 0.92 Normal:- 1 : 0.77	
/13.85 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.41 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.47 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.53 High:- 1 : 0.92 Normal:- 1 : 0.77	
16-S-1621 TD IT; 16-S-1921 TD IT; 16-S-2221 TD IT; 16-S-2321 TD IT; 16-S-2331 TD IT	/16.41 High:- 1 : 0.91 Normal:- 1 : 0.77
16-S-1821 TO IT; 16-S-2221 TO IT; 16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT	/13.80 High:- 1 : 1.09 Normal:- 1 : 0.91

Note: For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example: Gearbox 16-S-151 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32

Final ratio: High - 1 : 1.2144 (0.92 x 1.32 = 1.2144)

Normal - 1 : 1.0164 (0.77 x 1.32 = 1.0164)

KIT Studs: KIT VK4007AM for PTO (ratio 1:1.32)

- 2 stud M12x135
- 2 stud M12x170
- 4 nut M12
- 4 washer
- 1 Jute ZF
- 1 Jute IT

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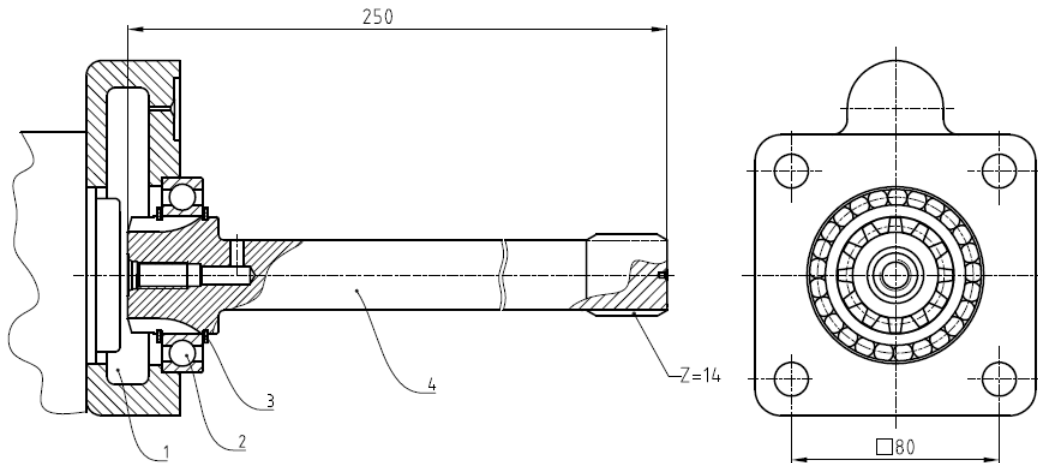


ADAPTER KIT TO POWER TAKE OFFS ZF

16-S-151 IT; 16-S-181 IT; 16-S-221 IT; 16-S-1621 TD IT; 16-S-1821 TO IT;
16-S-1921 TD IT; 16-S-2221 TD/TO IT; 16-S-2321 TD IT; 16-S-2331 TD IT;
16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT

Ref.VK4007AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4007

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2
Engine-Kit adapter ratio	
16-S-151/221 /13.80 High:- 1 : 0.92 Normal:- 1 : 0.77	
/13.85 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.41 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.47 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.53 High:- 1 : 0.92 Normal:- 1 : 0.77	
16-S-1621 TD IT; 16-S-1921 TD IT; 16-S-2221 TD IT; 16-S-2321 TD IT; 16-S-2331 TD IT	/16.41 High:- 1 : 0.91 Normal:- 1 : 0.77
16-S-1821 TO IT; 16-S-2221 TO IT; 16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT	/13.80 High:- 1 : 1.09 Normal:- 1 : 0.91

Note: For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example: Gearbox 16-S-151 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32

Final ratio: High - 1 : 1.2144 (0.92 x 1.32 = 1.2144)

Normal - 1 : 1.0164 (0.77 x 1.32 = 1.0164)

KIT Studs: KIT VK4007AM for PTO (ratio 1:1.32)

- 2 stud M12x135
- 2 stud M12x170
- 4 nut M12
- 4 washer
- 1 Jute ZF
- 1 Jute IT

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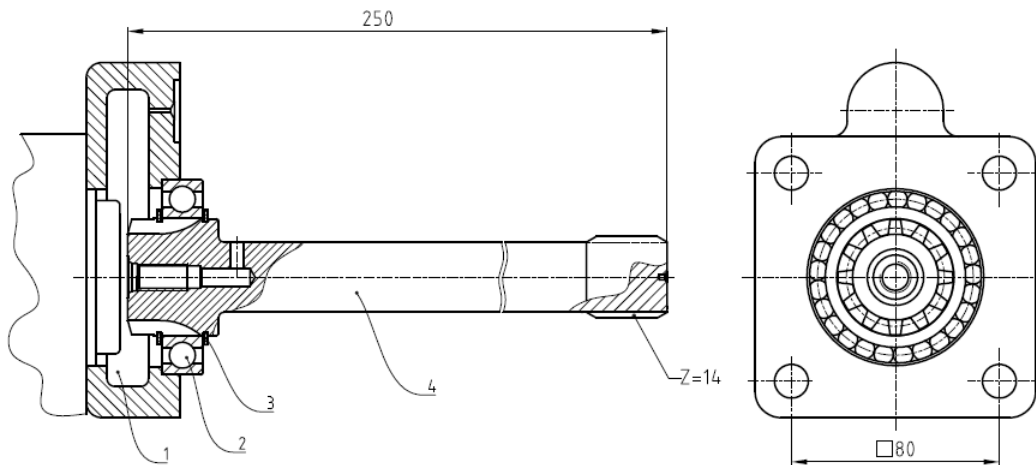


ADAPTER KIT TO POWER TAKE OFFS
ZF

16-S-151 IT; 16-S-181 IT; 16-S-221 IT; 16-S-1621 TD IT; 16-S-1821 TO IT;
16-S-1921 TD IT; 16-S-2221 TD/TO IT; 16-S-2321 TD IT; 16-S-2331 TD IT;
16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT

Ref.VK4007S

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4007

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2
Engine-Kit adapter ratio	
16-S-151/221 /13.80 High:- 1 : 0.92 Normal:- 1 : 0.77	
/13.85 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.41 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.47 High:- 1 : 0.92 Normal:- 1 : 0.77	
/16.53 High:- 1 : 0.92 Normal:- 1 : 0.77	
16-S-1621 TD IT; 16-S-1921 TD IT; 16-S-2221 TD IT; 16-S-2321 TD IT; 16-S-2331 TD IT	/16.41 High:- 1 : 0.91 Normal:- 1 : 0.77
16-S-1821 TO IT; 16-S-2221 TO IT; 16-S-2521 TO IT; 16-S-2721 TO IT; 16-S-2731 TO IT	/13.80 High:- 1 : 1.09 Normal:- 1 : 0.91

KIT Studs:

KIT VK4007S for PTO (ratio 1:1)

- 4 stud M12x155
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute IT

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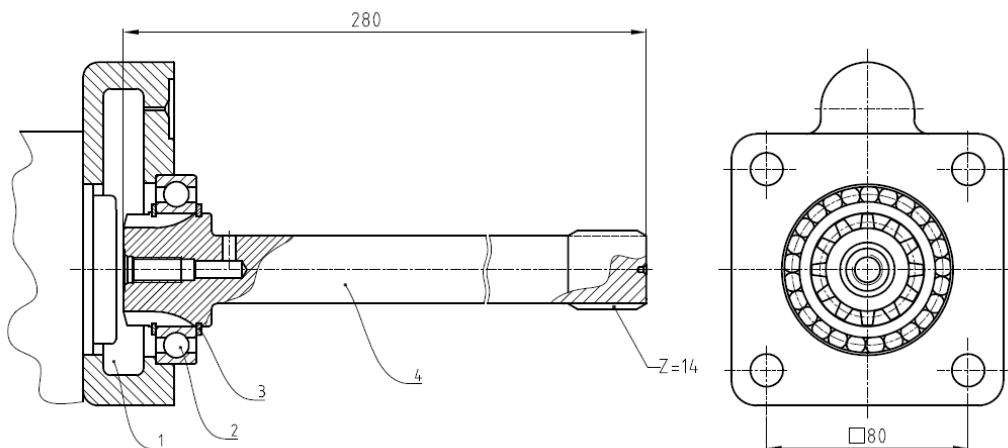


ADAPTER KIT TO POWER TAKE OFFS ZF

16-S-251 IT; 16-S-2720 TO IT

Ref.VK4008S

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4008

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2.3
Engine-Kit adapter ratio	

16-S-251 IT High:- 1 : 0.92 Normal:- 1 : 0.77

16-S-2720 TO IT / 13.80-0.84 High:- 1 : 1.09 Normal:- 1 : 0.91

KIT Studs:

KIT VK4008S for PTO (ratio 1:1)

- 4 stud M12x155
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute IT

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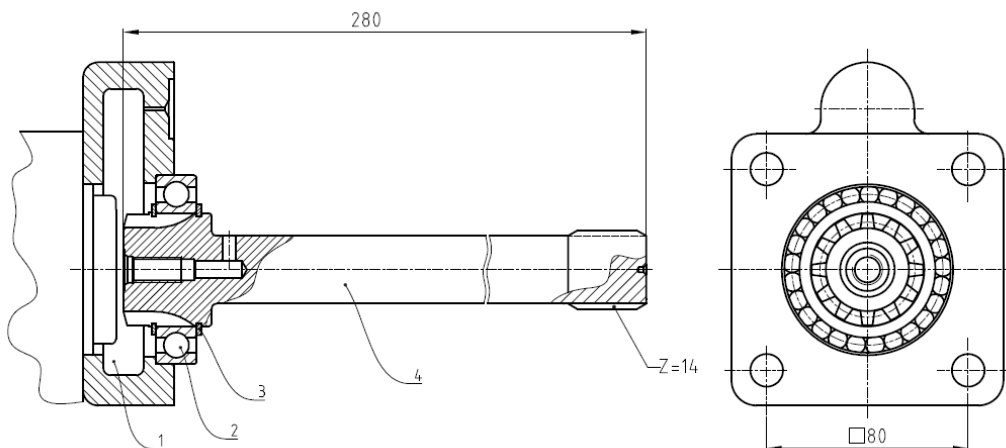


ADAPTER KIT TO POWER TAKE OFFS ZF

16-S-251 IT; 16-S-2720 TO IT

Ref.VK4008AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4008

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2.3
Engine-Kit adapter ratio	

16-S-251 IT High:- 1 : 0.92 Normal:- 1 : 0.77

16-S-2720 TO IT / 13.80-0.84 High:- 1 : 1.09 Normal:- 1 : 0.91

KIT Studs:

KIT VK4008AM for PTO (ratio 1:1.32)

- 2 stud M12x135
- 2 stud M12x170
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute IT

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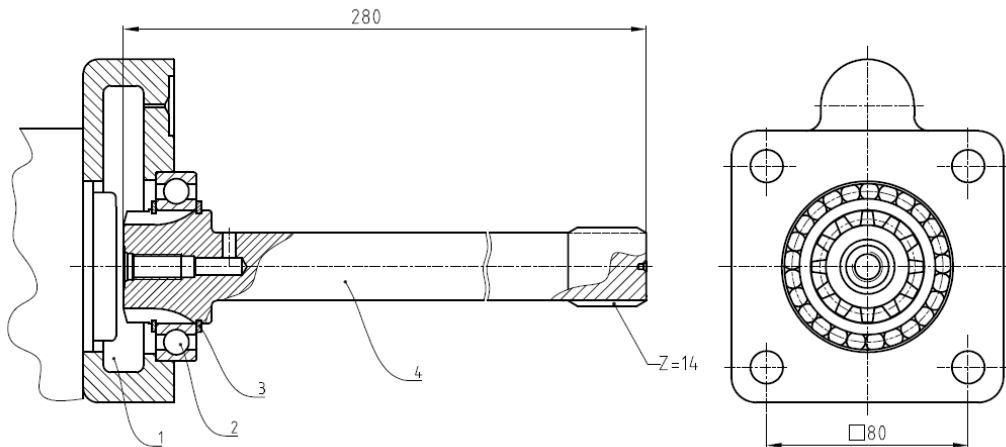


ADAPTER KIT TO POWER TAKE OFFS ZF

16-S-251 IT; 16-S-2720 TO IT

Ref.VK4008AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4008

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2.3
Engine-Kit adapter ratio	

16-S-251 IT High:- 1 : 0.92 Normal:- 1 : 0.77

16-S-2720 TO IT / 13.80-0.84 High:- 1 : 1.09 Normal:- 1 : 0.91

KIT Studs:

KIT VK4008AM for PTO (ratio 1:1.32)

- 2 stud M12x135
- 2 stud M12x170
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute IT

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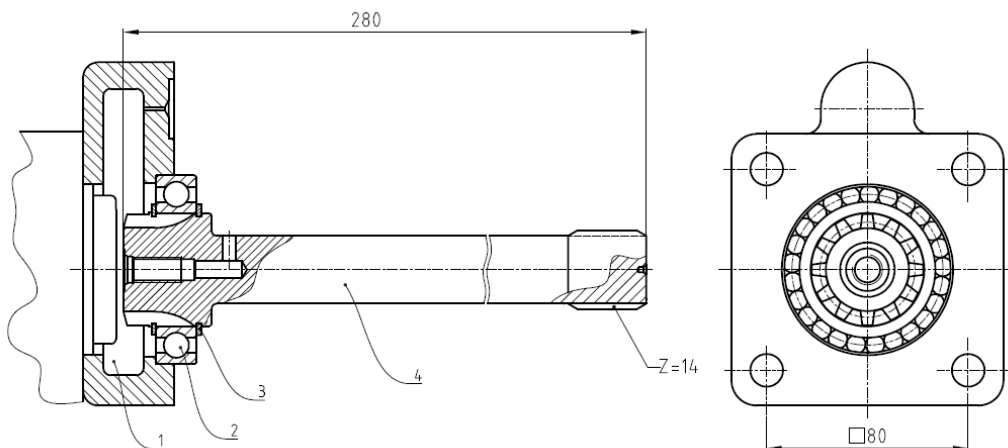


ADAPTER KIT TO POWER TAKE OFFS ZF

16-S-251 IT; 16-S-2720 TO IT

Ref.VK4008S

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4008

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2.3
Engine-Kit adapter ratio	

16-S-251 IT High:- 1 : 0.92 Normal:- 1 : 0.77

16-S-2720 TO IT / 13.80-0.84 High:- 1 : 1.09 Normal:- 1 : 0.91

KIT Studs:

KIT VK4008S for PTO (ratio 1:1)

- 4 stud M12x155
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute IT

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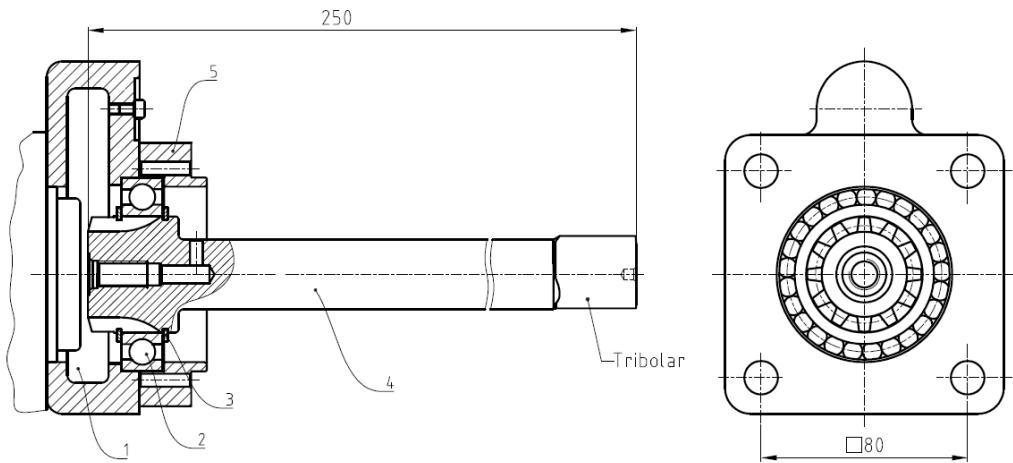
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Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4009
- 5 – Spacer flange

(Dimensions in mm)

Main Data			
Continuous Torque (Nm)			300
Intermittent Torque (Nm)			420
Power (at 1000 r.p.m)			42 H.P. / 32 Kw
Weight (Kg)			2.5
Engine-Kit adapter ratio			
16-S-150/	16.47	High: - 1 : 0.920	Normal: - 1 : 0.770
	/ 13.80	High: - 1 : 0.920	Normal: - 1 : 0.770

KIT Studs:

KIT VK4008AM for PTO (ratio 1:1.32)

- 2 stud M12x135
- 2 stud M12x170
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute IT

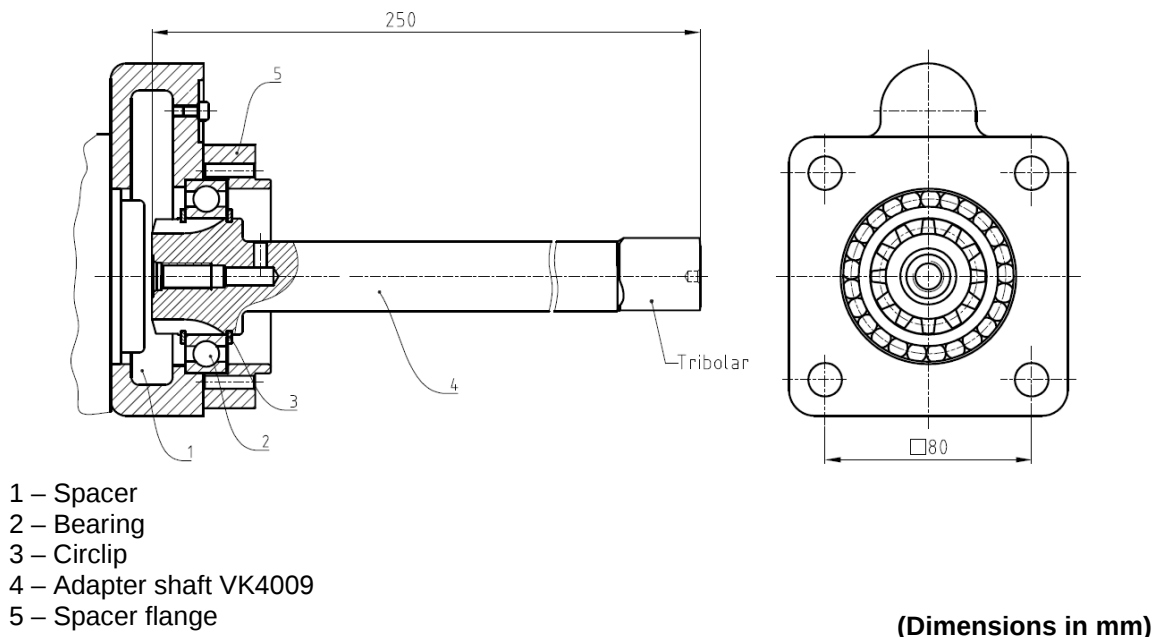
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Main Dimensions



Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 H.P. / 32 Kw
Weight (Kg)	2.5
Engine-Kit adapter ratio	
16-S-150/ 16.47	High: .- 1 : 0.920 Normal: .- 1 : 0.770
/ 13.80	High: .- 1 : 0.920 Normal: .- 1 : 0.770

KIT Studs:

KIT VK4009S for PTO (ratio 1:1)

- 4 stud M12x170
- 4 nut M12
- 4 washer
- 2 jute ZF
- 1 jute IT

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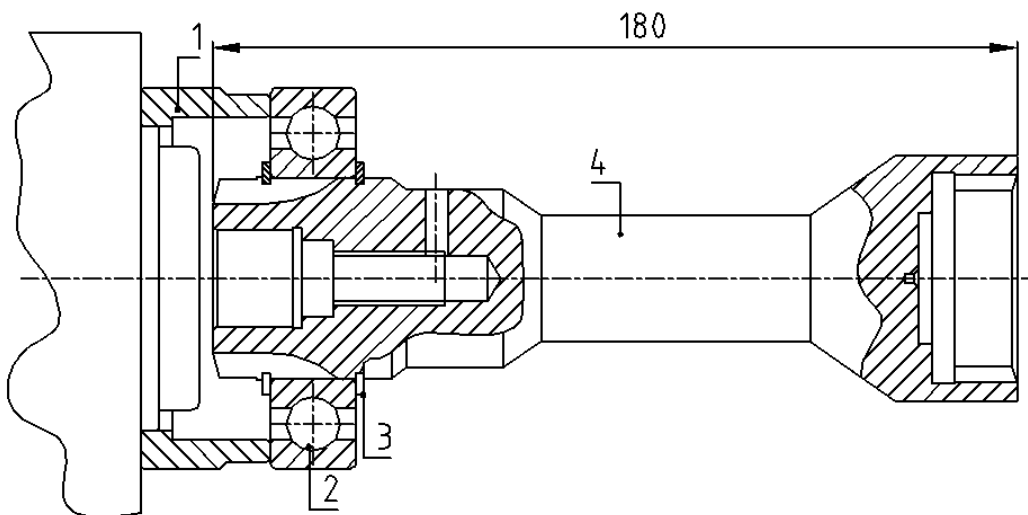


ADAPTER KIT TO POWER TAKE OFFS ZF

5-90 GP ; 5-92 GP ; 4-120 GP

Ref. VK4015S
VK4015AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4015

Main Data

Continuous Torque (Nm)		300
Intermittent Torque (Nm)		420
Power (at 1000 r.p.m)		42 C.V. / 32 Kw
Weight (Kg)		1.7
Engine-Kit adapter ratio		
5-90 GP / 13	1:0.890	
5-90 GP / 13.01	1:0.890	
4-120 GP / 10.91	1:0.800	
/ 8.05	1:0.970	
/ 9.16	1:0.850	

Note 1:

For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example:

Gearbox 5-90 GP / 13.01 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32

Final ratio: 1 : 1.174 (0.890 x 1.32 = 1.174)

Note 2:

Adapter Kit is supplied without studs. Please use those that are provided with the PTO.

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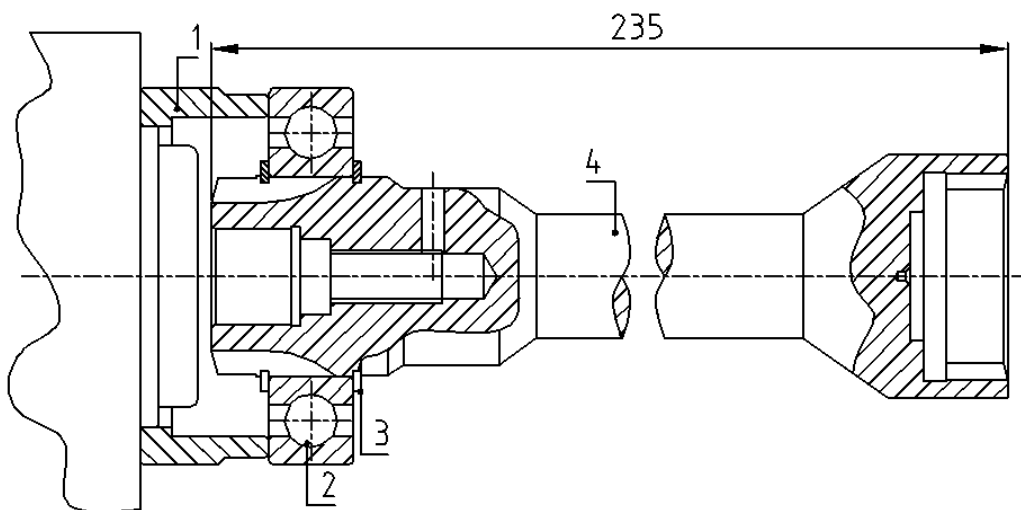


ADAPTER KIT TO POWER TAKE OFFS
ZF

5-110 GPA

Ref. VK4016S
VK4016AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4016

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Weight (Kg)	2
Engine-Kit adapter ratio	1:0.830

Note :

Adapter Kit is supplied without studs.Please use those that are provided with the PTO.

CTI VK4016S / VK4016AM 0811- 1

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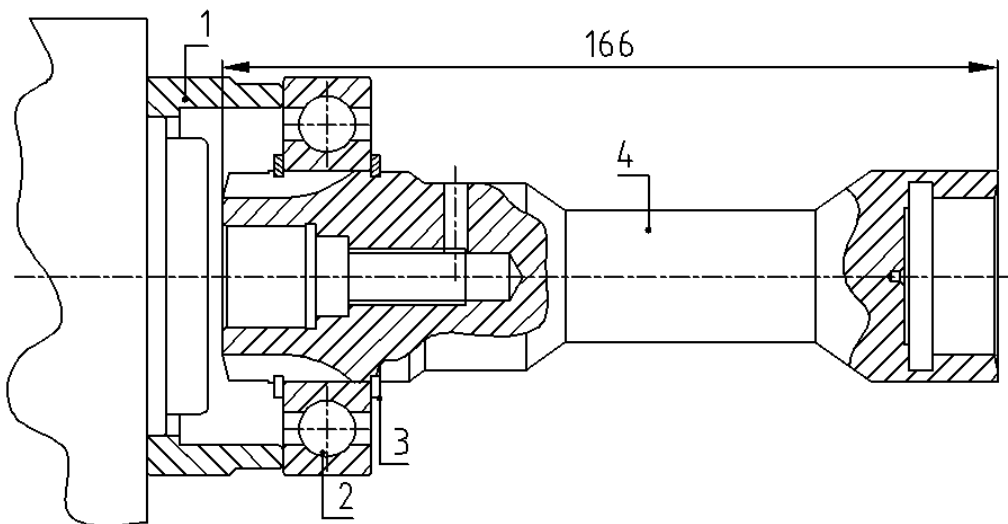


ADAPTER KIT TO POWER TAKE OFFS ZF

5-110 GP ; 5-111 GP ; 4-150 GP

Ref. VK4017S
VK4017AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4017

Main Data

Continuous Torque (Nm)		300
Intermittent Torque (Nm)		420
Power (at 1000 r.p.m)		42 C.V. / 32 Kw
Weight (Kg)		1.7
Engine-Kit adapter ratio		
5-110 GP / 11.2	1:0.975	
/ 13.1	1:0.830	
/ 9.72	1:0.830	
5-111 GP / 13.04	1:0.820	
4-150 GP / 9.19	1:0.820	

Note 1:

For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example:

Gearbox 5-110 GP / 11.2 Adapter Kit + ZF S6-90 (Ref. TF4002MP) Internal Ratio 1:1.32

Final ratio: 1 : 1.287 (0.975 x 1.32 = 1.287)

Note 2:

Adapter Kit is supplied without studs. Please use those that are provided with the PTO.

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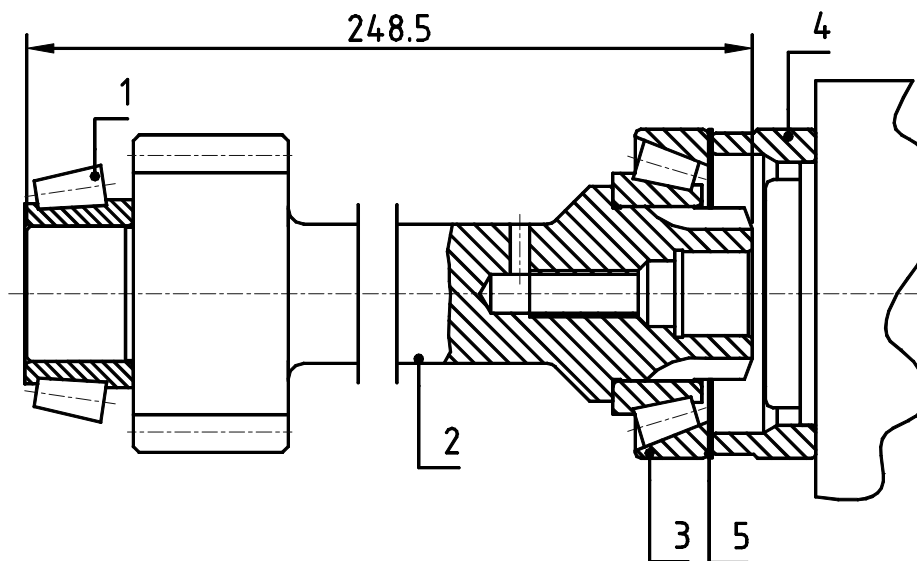


ADAPTER KIT TO POWER TAKE OFFS ZF

9-S-75/13.16 ; 9-S-75/9.56

Ref. VK4018S
VK4018AM

Main Dimensions



- 1 – Bearing
- 2 – Adapter Shaft VK4018
- 3 – Bearing
- 4 – Washer
- 5 – Adjustment Washer

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 H.P. / 32 Kw
Weight (Kg)	4,3
Engine to PTO ratio	
9-S-75 / 13.16	.- 1 : 0.610
9-S-75 / 9.56	.- 1 : 0.850

Note 1:

For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example:

Gearbox 9-S-75 / 13.16 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32

Final ratio: .- 1 : 0.805 (0.610 x 1.32 = 0.805)

Note 2:

Adapter Kit is supplied without studs. Please use those that are provided with the PTO.

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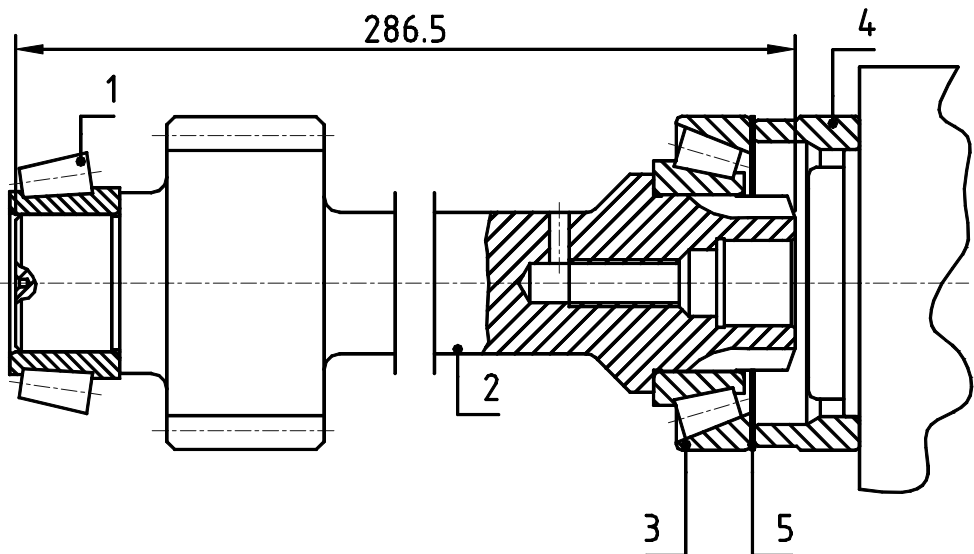


ADAPTER KIT TO POWER TAKE OFFS
ZF

9-S-109/10.25 ; 9-S-109/10.24 ;16-S-109/11.86 ; 16-S-109/13.53

Ref. VK4019S
VK4019AM

Main Dimensions



- 1 – Bearing
- 2 – Adapter Shaft VK4019
- 3 – Bearing
- 4 – Adapter Flange
- 5 – Adjustment Washer

Main Data

Continuous Torque (Nm)		300
Intermittent Torque (Nm)		420
Power (at 1000 r.p.m)		42 H.P. / 32 Kw
Weight (Kg)		4.7
Engine to PTO ratio		
9-S-109 / 10.25	.- 1 : 0.770	
16-S-109 / 11.86	High	.- 1 : 0.880
	Normal	.- 1 : 0.750
16-S-109 / 13.53	High	.- 1 : 0.930
	Normal	.- 1 : 0.790

Note 1:
For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.
Example:
Gearbox 9-S-109 / 10.25 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32
Final ratio: .- 1 : 1.016 (0.770 x 1.32 = 1.016)

Note 2:
Adapter Kit is supplied without studs.Please use those that are provided with the PTO.

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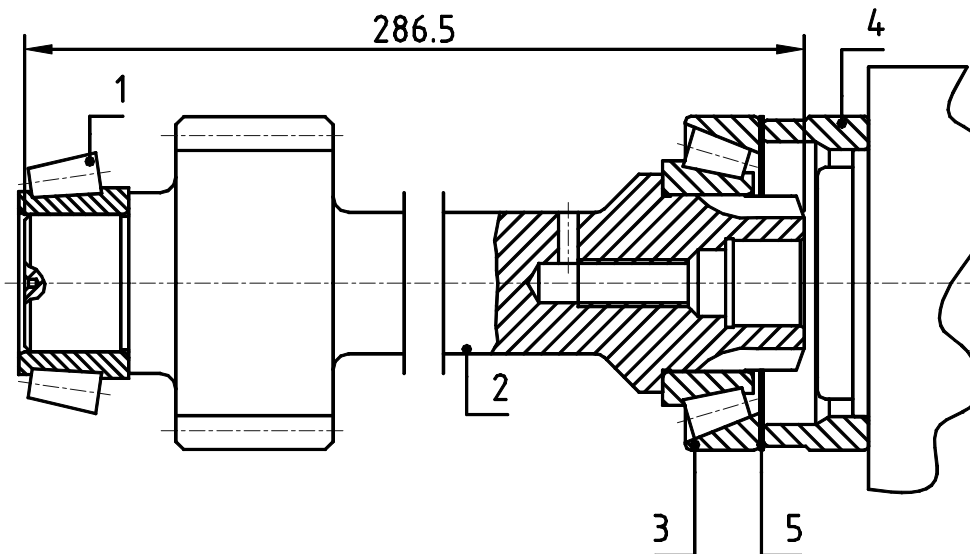


ADAPTER KIT TO POWER TAKE OFFS ZF

9-S-109/12.92 ; 16-S-109/13.04 ; 16-S-109/13.30 ;
16-S-109/13.42 ; 8-S-109

Ref. VK4020S
VK4020AM

Main Dimensions



- 1 – Bearing
- 2 – Adapter Shaft VK4020
- 3 – Bearing
- 4 – Adapter Flange
- 5 – Adjustment Washer

Main Data

Continuous Torque (Nm)		300
Intermittent Torque (Nm)		420
Power (at 1000 r.p.m)		42 H.P. / 32 Kw
Weight (Kg)		4.7
Engine to PTO ratio		
9-S-109 / 12.92	.- 1 : 0.720	
16-S-109 / 13.30	High .- 1 : 0.930	
	Normal .- 1 : 0.790	
16-S-109 / 13.42	High .- 1 : 0.930	
	Normal .- 1 : 0.790	

Note 1:

For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example:

Gearbox 9-S-109 / 12.92 Adapter Kit + ZF S6-90 (Ref. TF4002AMP) Internal Ratio 1:1.32

Final ratio: .- 1 : 0.950 (0.720 x 1.32 = 0.950)

Note 2:

Adapter Kit is supplied without studs. Please use those that are provided with the PTO.

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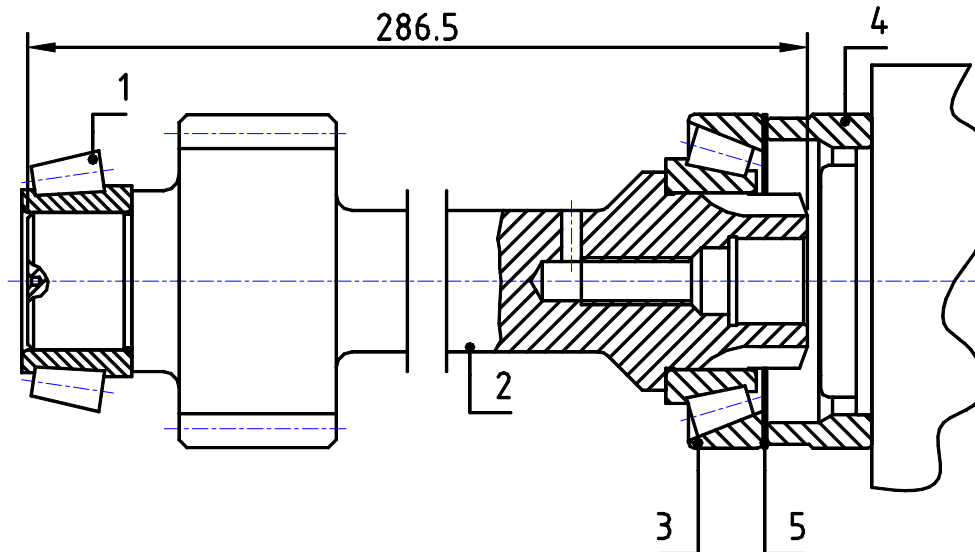


ADAPTER KIT TO POWER TAKE OFFS ZF

9-S-109/12,91 ; 16-S-109/13,31 ; 16-S-109/13,41 ; 9S-1110 TO/9,48 ;
9S 1310 TO/9,48

Ref. VK4021S
VK4021AM

Main Dimensions



- 1 – Bearing
- 2 – Adapter Shaft VK4021
- 3 – Bearing
- 4 – Adapter Flange
- 5 – Adjustment Washer

Main Data

Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 H.P. / 32 Kw
Weight (Kg)	4.7
Engine to PTO ratio	

9-S-109 / 12.91 - 1 : 0.72

9-S-1110 TO / 9.48 - 0.75 (Volvo ZTO 1109) - 1 : 0.97

9-S-1310 TO / 9.48 - 1 : 0.97

16-S-109 / 13.31 High - 1 : 0.90
 Normal - 1 : 0.75

Note 1:

For getting the correct ratio is necessary to multiply the above mentioned ratio by the internal ratio in all S6-90 releases.

Example:

Gearbox 9-S-109 / 12.91 Adapter Kit + ZF S6-90 (Ref. TF4002MP) Internal Ratio 1:1.32

Final ratio: - 1 : 0.950 (0.720 x 1.32 = 0.950)

Note 2:

Adapter Kit is supplied without studs. Please use those that are provided with the PTO.

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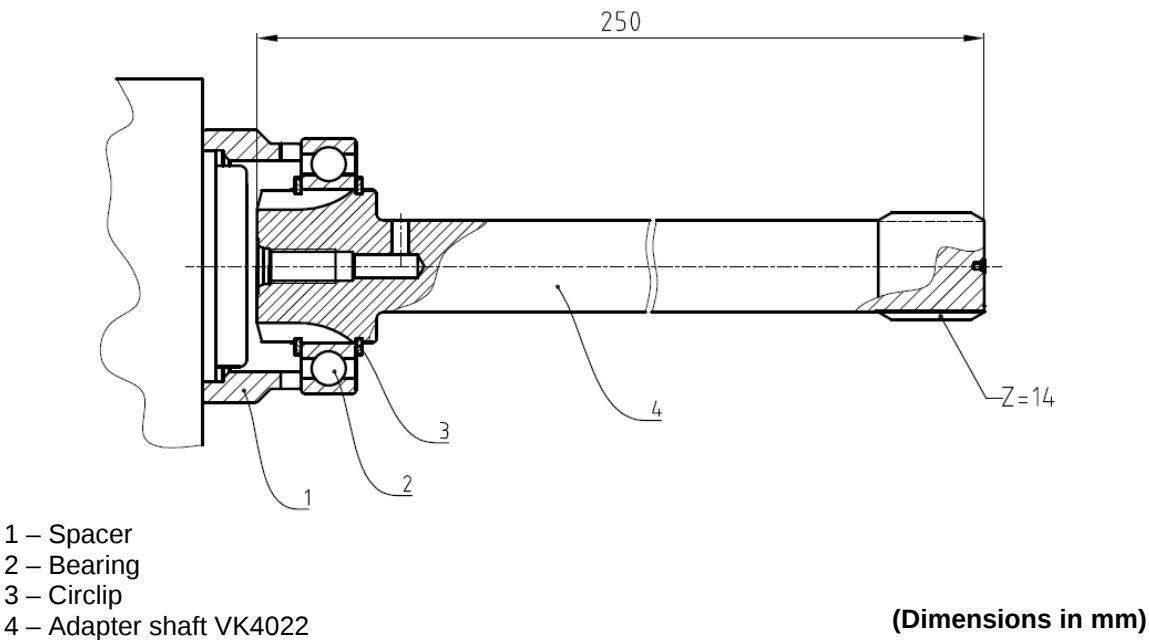


ADAPTER KIT TO POWER TAKE OFFS
ZF

12-AS-1800; 12-AS-2301; 16-AS-2200; 16-AS-2601; 12AS-1630TD;
12AS-1930TD; 12AS-2130TD; 12AS-2131TD; 12AS-2140TD; 12AS-2340TD;
12AS-2430TD; 12AS-2540 TD; 12AS-1930 TO; 12AS-2130 TO; 12AS-2330 TO;
12AS-2530 TO; 12AS-2540 TO; 12AS-2740 TO; 12AS-2940 TO; 16AS-2230 TD;
16AS-2601 DD; 16AS-2601 OD; 16AS-2630 TO

Ref. VK4022S
VK4022AM

Main Dimensions



Main Data	
Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2
Engine-Kit adapter ratio	

Note :Adapter Kit is supplied without studs.Please use those that are provided with the PTO.

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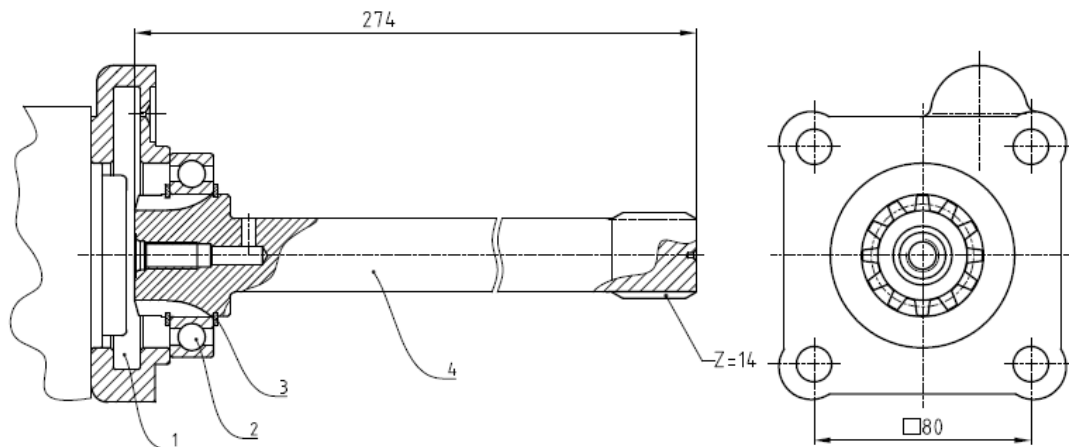


ADAPTER KIT TO POWER TAKE OFFS ZF

12-AS-1800 IT; 12-AS-1631 TD IT; 12-AS-1931 TD/TO IT; 12-AS-2131 TD/TO IT;
12-AS-2141 TD IT; 12-AS-2301 TD/TO IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT;
12-AS-2331 TO IT; 12-AS-2531 TO IT; 12-AS-2541 TO IT; 12-AS-2741 TO IT;
12-AS-2941 TO IT;
16-AS-2200 IT; 16-AS-2231 TD IT; 16-AS-2601 TD/TO IT; 16-AS-2631 TO IT

Ref.VK4023S

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4023

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600	
Intermittent Torque (Nm)	840	
Power (at 1000 r.p.m)	85 H.P. / 64 Kw	
Weight (Kg)	2.9	
Engine-Kit adapter ratio		
12-AS-1631 TD IT; 12-AS-1931 TD IT; 12-AS-2131 TD IT; 12-AS-2141 TD IT; 12-AS-2301 TD IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT	/15.68-1.0	1:0.82
12-AS-1800 IT	/14.89-1.0	1:0.76
12-AS-1931 TO IT; 12-AS-2131 TO IT; 12-AS-2301 TO IT; 12-AS-2331 TO IT; 12-AS-2531 TO IT;	/12.33-0.78	1:1.35
12-AS-2541 TO IT; 12-AS-2741 TO IT; 12-AS-2941 TO IT;	/12.29-0.78	1:1.35
16-AS-2200 IT	/15.89-1.0	1:0.71
16-AS-2231 TD IT; 16-AS-2601 TD IT	/17.03-1.0	1:0.76
16-AS-2601 TO IT; 16-AS-2631 TO IT	/14.12-0.83	1:1.11

KIT Studs:

KIT VK4023S for PTO (ratio 1:1)

- 4 stud M12x135
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute AS

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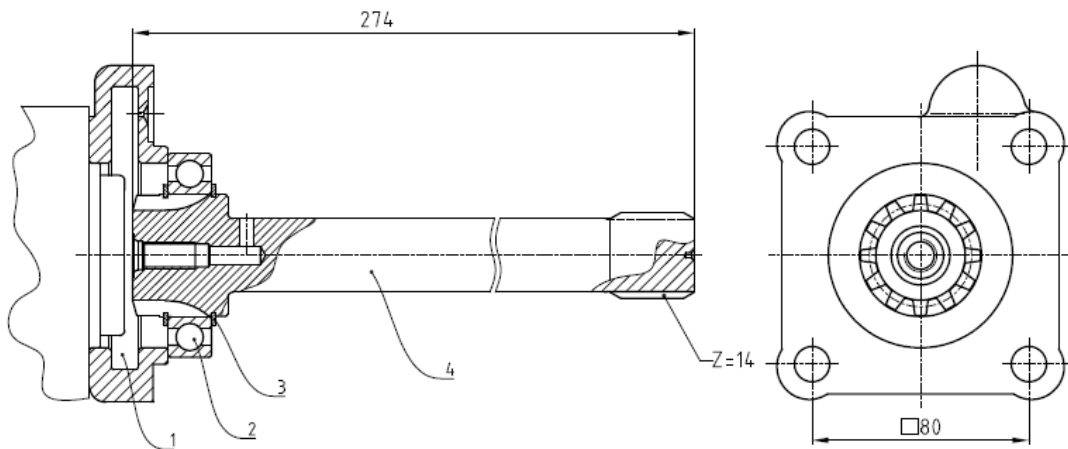


ADAPTER KIT TO POWER TAKE OFFS ZF

12-AS-1800 IT; 12-AS-1631 TD IT; 12-AS-1931 TD/TO IT; 12-AS-2131 TD/TO IT;
12-AS-2141 TD IT; 12-AS-2301 TD/TO IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT;
12-AS-2331 TO IT; 12-AS-2531 TO IT; 12-AS-2541 TO IT; 12-AS-2741 TO IT;
12-AS-2941 TO IT;
16-AS-2200 IT; 16-AS-2231 TD IT; 16-AS-2601 TD/TO IT; 16-AS-2631 TO IT

Ref.VK4023AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4023

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600	
Intermittent Torque (Nm)	840	
Power (at 1000 r.p.m)	85 H.P. / 64 Kw	
Weight (Kg)	2.9	
Engine-Kit adapter ratio		
12-AS-1631 TD IT; 12-AS-1931 TD IT; 12-AS-2131 TD IT; 12-AS-2141 TD IT; 12-AS-2301 TD IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT	/15.68-1.0	1:0.82
12-AS-1800 IT	/14.89-1.0	1:0.76
12-AS-1931 TO IT; 12-AS-2131 TO IT; 12-AS-2301 TO IT; 12-AS-2331 TO IT; 12-AS-2531 TO IT;	/12.33-0.78	1:1.35
12-AS-2541 TO IT; 12-AS-2741 TO IT; 12-AS-2941 TO IT;	/12.29-0.78	1:1.35
16-AS-2200 IT	/15.89-1.0	1:0.71
16-AS-2231 TD IT; 16-AS-2601 TD IT	/17.03-1.0	1:0.76
16-AS-2601 TO IT; 16-AS-2631 TO IT	/14.12-0.83	1:1.11

KIT Studs:

KIT VK4023AM for PTO (ratio 1:1.32)

- 2 stud M12x113
- 2 stud M12x150
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute AS

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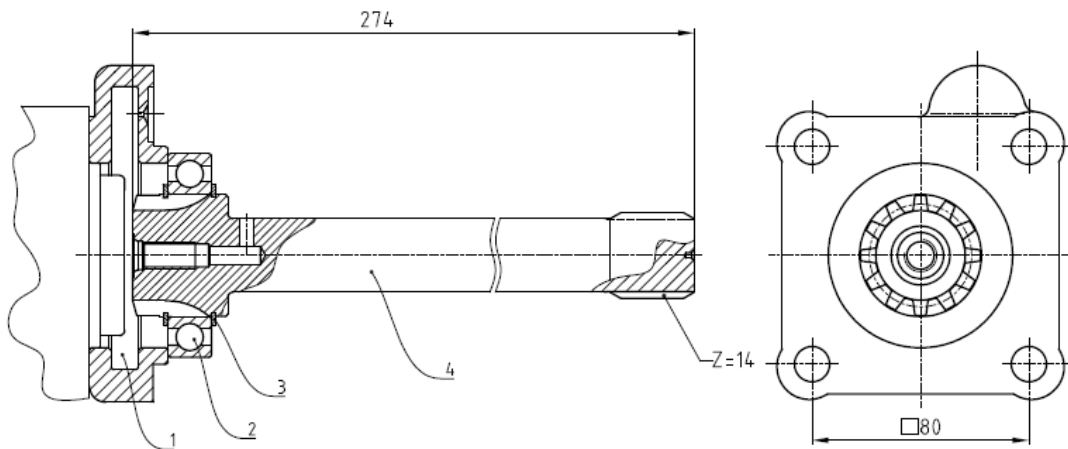


ADAPTER KIT TO POWER TAKE OFFS ZF

12-AS-1800 IT; 12-AS-1631 TD IT; 12-AS-1931 TD/TO IT; 12-AS-2131 TD/TO IT;
12-AS-2141 TD IT; 12-AS-2301 TD/TO IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT;
12-AS-2331 TO IT; 12-AS-2531 TO IT; 12-AS-2541 TO IT; 12-AS-2741 TO IT;
12-AS-2941 TO IT;
16-AS-2200 IT; 16-AS-2231 TD IT; 16-AS-2601 TD/TO IT; 16-AS-2631 TO IT

Ref.VK4023AM

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4023

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600	
Intermittent Torque (Nm)	840	
Power (at 1000 r.p.m)	85 H.P. / 64 Kw	
Weight (Kg)	2.9	
Engine-Kit adapter ratio		
12-AS-1631 TD IT; 12-AS-1931 TD IT; 12-AS-2131 TD IT; 12-AS-2141 TD IT; 12-AS-2301 TD IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT	/15.68-1.0	1:0.82
12-AS-1800 IT	/14.89-1.0	1:0.76
12-AS-1931 TO IT; 12-AS-2131 TO IT; 12-AS-2301 TO IT; 12-AS-2331 TO IT; 12-AS-2531 TO IT;	/12.33-0.78	1:1.35
12-AS-2541 TO IT; 12-AS-2741 TO IT; 12-AS-2941 TO IT;	/12.29-0.78	1:1.35
16-AS-2200 IT	/15.89-1.0	1:0.71
16-AS-2231 TD IT; 16-AS-2601 TD IT	/17.03-1.0	1:0.76
16-AS-2601 TO IT; 16-AS-2631 TO IT	/14.12-0.83	1:1.11

KIT Studs:

KIT VK4023AM for PTO (ratio 1:1.32)

- 2 stud M12x113
- 2 stud M12x150
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute AS

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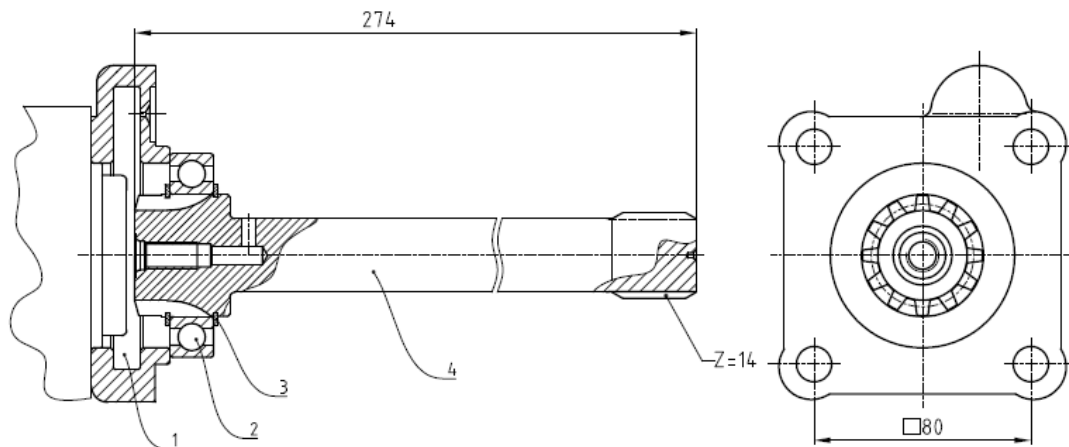


ADAPTER KIT TO POWER TAKE OFFS ZF

12-AS-1800 IT; 12-AS-1631 TD IT; 12-AS-1931 TD/TO IT; 12-AS-2131 TD/TO IT;
12-AS-2141 TD IT; 12-AS-2301 TD/TO IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT;
12-AS-2331 TO IT; 12-AS-2531 TO IT; 12-AS-2541 TO IT; 12-AS-2741 TO IT;
12-AS-2941 TO IT;
16-AS-2200 IT; 16-AS-2231 TD IT; 16-AS-2601 TD/TO IT; 16-AS-2631 TO IT

Ref.VK4023S

Main Dimensions



- 1 – Spacer
- 2 – Bearing
- 3 – Circlip
- 4 – Adapter shaft VK4023

(Dimensions in mm)

Main Data

Continuous Torque (Nm)	600
Intermittent Torque (Nm)	840
Power (at 1000 r.p.m)	85 H.P. / 64 Kw
Weight (Kg)	2.9
Engine-Kit adapter ratio	
12-AS-1631 TD IT; 12-AS-1931 TD IT; 12-AS-2131 TD IT; 12-AS-2141 TD IT; 12-AS-2301 TD IT; 12-AS-2341 TD IT; 12-AS-2431 TD IT	/15.68-1.0 1:0.82
12-AS-1800 IT	/14.89-1.0 1:0.76
12-AS-1931 TO IT; 12-AS-2131 TO IT; 12-AS-2301 TO IT; 12-AS-2331 TO IT; 12-AS-2531 TO IT;	/12.33-0.78 1:1.35
12-AS-2541 TO IT; 12-AS-2741 TO IT; 12-AS-2941 TO IT;	/12.29-0.78 1:1.35
16-AS-2200 IT	/15.89-1.0 1:0.71
16-AS-2231 TD IT; 16-AS-2601 TD IT	/17.03-1.0 1:0.76
16-AS-2601 TO IT; 16-AS-2631 TO IT	/14.12-0.83 1:1.11

KIT Studs:

KIT VK4023S for PTO (ratio 1:1)

- 4 stud M12x135
- 4 nut M12
- 4 washer
- 1 jute ZF
- 1 jute AS

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