



Power Take Offs

Relation 1 : 1,32

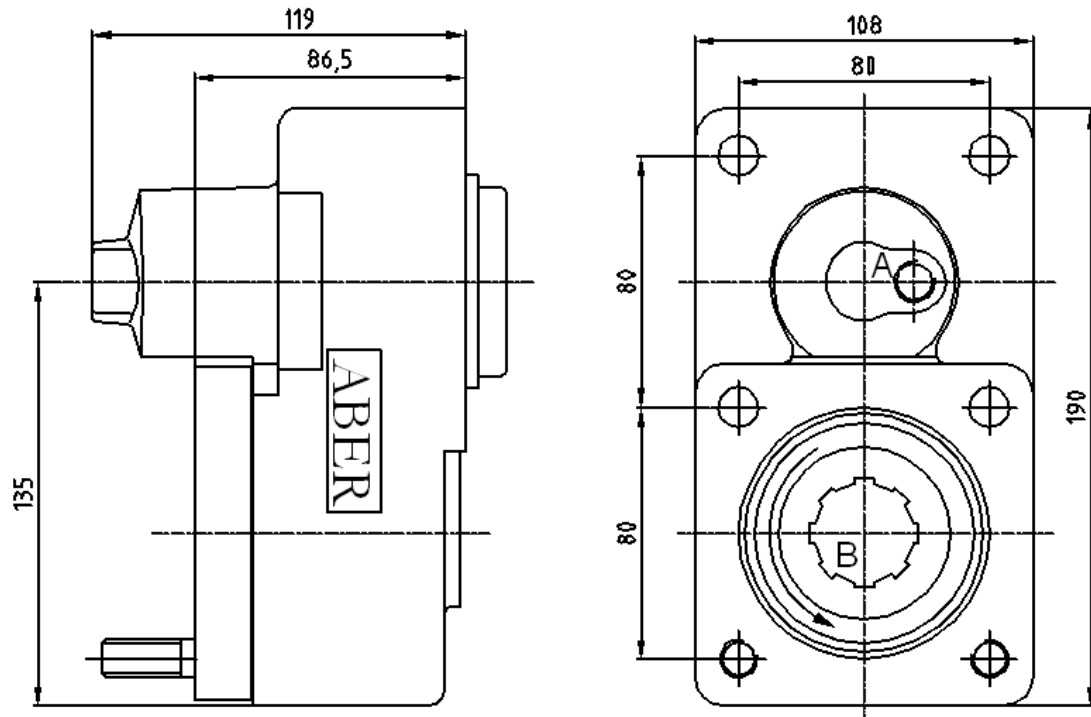
Ref. TF4002AMP

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 with Piston Pumps

Main Dimensions



A – Air connection

B – Pump rotation

Option: Electric sensor with mechanical driving Ref. 4002AMPS

(Dimensions in mm)

Main Data

| | |
|---------------------------------|------------------------|
| Continuous Torque (Nm) | 300 |
| Intermittent Torque (Nm) | 420 |
| Power (at 1000 r.p.m) | 42 C.V. / 32 Kw |
| Mounting Position | Rear |
| Pump Rotation | Right Hand |
| Weight (Kg) | 7.5 |
| Engine to PTO ratio | |

| | | |
|--------------------|-------------------|---------------------|
| 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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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 | |