TECHNICAL DATA SHEETS and RECOMMENDATIONS



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CONSTANT DRIVE 10 BOLT MOUNT POWER TAKE OFF RECOMMENDATIONS BEFORE START-UP



Manufacturer's Declaration

ABER ensures compliance of its products with the essential health and safety requirements of the Directive 2006/42/EC and harmonized standard EN ISO 12100:2010.

General information

The Power Take Offs are mechanical devices that transmit mechanical power. They are usually applied to transmissions from where the power is taken to be transmitted to the hydraulic pumps, intermediate shafts, etc. Normally applied in dumpers, cranes, cleaning systems, moving floors, compressors, etc. This device stands out do to the fact of almost non-existence noise and its high efficiency.

Safety information



- Do not attempt to work or install a Power Take-Off with the engine running.

- A PTO must be properly matched to the vehicle transmission and to the auxiliary equipment. An incorrect matched could cause several damage to the vehicle transmission and the auxiliary equipment.



- Do not exceed the limits of power and torque in the technical sheet.

- The decisions of install guards in the PTO warning shall be the responsibility of the designers or installers.

Maintenance

Monthly	Annually
-Check the transmission oil level. We advise seeing the vehicle manufacturer recommendations. -Check for PTO leaks under and around the vehicle. Any leaks found should be stopped immediately -Check the tightness of the fixation studs and if necessary tighten more. Consult torque table to tight studs correctly.	-Check the transmission oil level. We advise seeing the vehicle manufacturer recommendations. -Check for PTO leaks under and around the vehicle. Any leaks found should be stopped immediately -Check the tightness of the fixation studs and if necessary tighten more. Consult torque table to tight studs correctly. -Visual inspection of all the components and if necessary proceed with the repair.

Torque Table			
Size (mm - inch)	M8	M10	M12
	3/8"	7/16"	1/2"
Screws and nuts Torque	25 N.m	60 N.m	80 N.m
	18 lbf.ft	45 lbf.ft	59 lbf.ft
Studs Torque	10 N.m	20 N.m	30 N.m
	7 lbf.ft	15 lbf.ft	22 lbf.ft

Installation of a constant drive 10 bolt mount PTO

1 - Drain the oil from the gearbox, remove hatch cover and the respective gasket and verify if PTO and transmission gears are compatible;



2 - Clean the lip of the hatch with a wire brush or spatula, being careful not to let any foreign bodies into the transmission;



3 - In the PTO mounting Kit find the two alignment studs. Fit the studs in the respective holes (A) accord to the schematic image.



4 - Fit one or more gaskets as needed, between the inspection hatch and the PTO body. Ensure that the teeth of the gears in the transmission and those in the PTO are properly meshed.



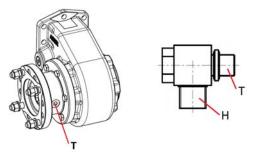
Do not use more than three gaskets.



C C

5 - Fit the screws, and washers according to the schematic image. The 25 mm screws and washers are fitted in the (B) holes and the 30mm screws and washers are fitted in the (C) holes. Consult torque table to tighten screws correctly.

6 - Attach the 90° elbow fitting provided in the kit to the PTO threaded hole (T)



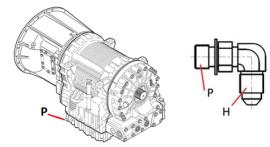
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7 - Attach the 90° elbow fitting provided in the kit to the threaded hole (P) on the transmission.



8 - Attach the hydraulic hose to the fittings (H). Check oil level and signs of oil leakage.

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auits, causes and remeties		
Faults	Causes	Remedies
Noise	1. Assembly clearance	1. Check/adjust the looseness between the teeth and the
Noise	2.Broken teeth	thickness of the gaskets
	3.Damaged roller- bearings	2-3.Repair or replace
Over-heating	1.Lack of lubrication 2.Too tight between the wheel of the PTO and the wheel of the transmission	1.Refill the oil level 2.Adjust the gap between teeths with the thickness of the gaskets
Leaks	1.Loose fixation nuts and studs 2.Damaged gasket	1.Tight according to recommendations 2.Replace gasket for another with the same thickness
No transmission of movement	1.PTO blockage	1.Repair or replace control



- A PTO should be mounted by qualified personnel. The correct mounting of the PTO is influenced by the ability of the operator.

- Always read carefully all owner's manuals, or other instructions before installation of PTO and driven equipment.
- In case of difficulties please ask our service department for advice.
 - To install a PTO, the vehicle must be parked on a flat surface with the engine off and parking brake applied.
- Use appropriated tools and safety equipment.

Ensure that the system cannot boot involuntarily.
Ensure that the levels and quality of the oil are as recommended, that there are no leaks and that everything is properly tightened before starting.

- When the PTO is working, never touch or pull hoses or intermediate shaft when applied. When intermediate shaft is applied take into account that parts can be ejected.

-The application of the ABER's PTO must follow all the instructions hereby mentioned in order to assure the safety of all personal working with the equipment including its surroundings, assure a long life to the product and preserve the warranty of the brand. All applications that do not follow the hereby instruction are solely the users responsibility. If there should happen any malfunctioning, it is strictly forbidden the disassembly of the product except if it is being made by a qualified technician of the brand or if there is a special authorization to do that. If this specification should not be followed, all warranties might be lost.

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POWER TAKE OFF RECOMMENDATIONS BEFORE START-UP



Manufacturer's Declaration

ABER ensures compliance of its products with the essential health and safety requirements of the Directive 2006/42/EC and harmonized standard EN ISO 12100:2010.

General information

The Power Take Offs are mechanical devices that transmit mechanical power. They are usually applied to gearboxes from where the power is taken to be transmitted to the hydraulic pumps, intermediate shafts, etc. Normally applied in dumpers, cranes, cleaning systems, moving floors, compressors, power generators, etc. This device stands out do to the fact of almost non-existence noise and its high efficiency.

How to use

The following procedure is not valid for automatic gearboxes. The procedure to operate the PTO should always be made with the vehicle parked, parking brake actuated, engine running and in neutral.

1.press the clutch for 5/10 seconds;

2.turn on PTO control (pneumatic, vacuum, electric or mechanic);

- 3.release the clutch slowly;
- To disconnect the PTO:

1.press the clutch for 5/10 seconds;

2.turn off PTO control; 3.release the clutch;

, PTO must be turned off, before the vehicle starts moving again. Do not

exceed the limits of power and torque in the technical sheet. The incorrect engagement and disengagement, may cause premature equipment damage.

Maintenance

ATTENTION

Daily	Monthly	Annually
-Check the	-Check the tightness of	-Check the tightness of the
tightness of	the pneumatic system	pneumatic system and the
the	and the light switches.	light switches
pneumatic	-Check the oil level	-Check the oil level and
system and	and refill if necessary.	refill if necessary. We
the light	We advise seeing the	advise seeing the gearbox
switches.	gearbox manufacturer	manufacturer
	recommendations.	recommendations.
	-Check the tightness of	-Check the tightness of the
	the fixation studs and if	fixation studs and if
	necessary tighten	necessary tighten more.
	more. Consult torque	Consult torque table to
	table to tight studs	tight studs correctly.
	correctly.	-Visual inspection of all the
	-Visual inspection of all	components and if
	the components and if	necessary proceed with
	necessary proceed	the repair.
	with the repair.	-Clean the gearbox and if
		necessary proceed with
		the repair.

General information to mount a PTO

-The general instructions contained in this document do not replace specific information of any component involved in the assembly.

-To install the PTO, the vehicle must be parked on a flat surface with the engine off and parking brake applied.

-Use only the components supplied with PTO.

-Before final tightening, we recommend that you tighten the lock-nuts to the minimum torque and operate the PTO for 10/15 seconds. This allows the gears in the gearbox to selfalign and also to check for any excessive noise.

-Before re-filling the gear-box with oil it is advisable to check the noise level of the PTO. If the PTO produces a hissing noise, this means that there is insufficient backlash in which case another gasket must be added. If the Power Take-off rattles, this indicates that there is too much backlash and the number of gaskets must be reduced. Once the gearbox has been re-filled with oil, make sure there are no leaks. Make sure that the power required from the unit is effectively obtainable from the gearbox. If the Power Take-off becomes noisy after the additional assembly of a universal joint, make sure that the joint is not damaged nor the are the edges of the gearbox and PTO.

Torque Table			
Size (mm - inch)	M8 3/8"	M10 7/16"	M12
Screws and nuts Torque (Nm)	25	50	80
Studs Torque (Nm)	10	20	30

Installation of a side mount PTO

1 - Drain the oil from the gearbox, remove hatch cover and the respective gasket and verify if PTO and gearbox gears are compatible;



2 - Clean the lip of the hatch with a wire brush or spatula, being careful not to let any foreign bodies into the gearbox;

3 - If the PTO uses studs, fit them on the gearbox. Consult torque table to tighten studs correctly. In the case of through-threading, make sure that the studs do not interfere with the gears inside the gearbox. Apply a sealing glue to the thread of the studs;



4 - Fit one or more gaskets as needed, between the inspection hatch and the PTO body. Ensure that between the teeth of the gears in the gearbox and those in the PTO there is a backlash of 0,15/0,3 mm.

ATTENTION

Do not use more than three gaskets.



5 - Fit the PTO to the gearbox. On the PTO body there is a plug, if unscrewed, it's large enough to allow manual checking of backlash between the PTO and the gears of the gearbox. The upper wheel of the PTO should move manually and not be too loose, that is, not hitting anything.



This should be checked with the engine off and the truck blocked with the parking brake.

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POWER TAKE OFF RECOMMENDATIONS BEFORE START-UP



6 - Fit the PTO tightly onto the gearbox. Consult torque table to tighten studs correctly. This operation is more secure when using a dynamometric spanner. Check the oil guality and level recommended by the manufacturer of the vehicle and refill the oil of the gearbox.

7 - Place fittings and accessories for control.

Installation of a rear mount PTO

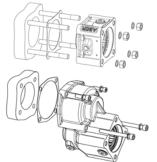
1-Drain the oil from the gearbox (in some gearboxes this step is no needed because the oil level does not reach the rear door), find the rear open and remove its cover and the respective gasket.

2-Clean the surface of the hatch with a wire brush or spatula, being careful not to let any foreign bodies in the gearbox;

3-If the PTO uses studs, fit them on the gearbox. Consult torque table to tighten studs correctly. In the case of throughthreading, make sure that the studs do not interfere with the gears inside the gearbox. Apply a sealing glue to the thread of the studs;

4-Fit one gasket between the inspection hatch and the PTO body.

5- Install the PTO on the gearbox (install pump in PTO when studs are used to fix both components) and tighten the screws using the tightening torque indicated in the torque table.



6-Check the oil and the level given by the manufacturer of the vehicle and refill the oil of the gearbox taking into account the presence of the PTO.

7-Place the fitting and the air pipe.



For multi axis PTO it is recommend that you assemble the PTO according to the positions indicated in the

following diagram, which ensure a good lubrication of the internal components.



- A PTO should be mounted by qualified personnel. The correct mounting of the PTO is influenced by the ability of the operator.
 - In case of difficulties please ask our service department for advice.

- To install a PTO, the vehicle must be parked on a flat surface with the engine off and parking brake applied.
- Use appropriated tools

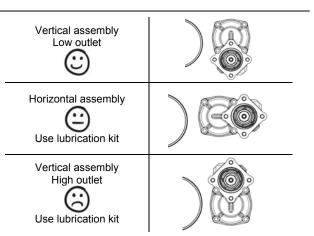
Use appropriate tools.
 Ensure that the system cannot boot involuntarily.
 Ensure that the levels and quality of the oil are as recommended, that there are no leaks and that everything is properly tightened before starting.
 When the PTO is working, never touch or pull hoses or intermediate shaft when applied. When intermediate shaft is applied take into account that

parts can be ejected The application of the ABER's PTO must follow all the instructions hereby mentioned in order to assure the safety of all personal working with the equipment including responsibility. If there should happen any malfunctioning, it is strictly forbidden the disassembly of the product except if it is being made by a qualified technician of the brand or if there is a special authorization to do that. If this specification should not be followed, all warranties might be lost.

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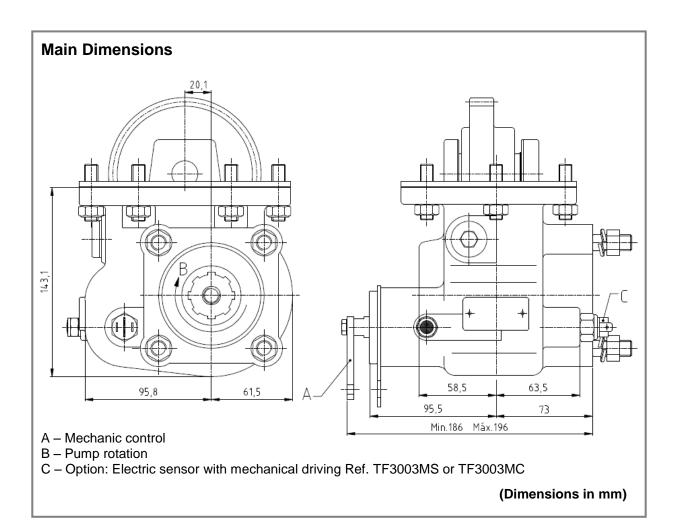
Faults, causes and remedies

Faults, causes and remedies		
Faults	Causes	Remedies
	1.Vehicles clutch is	1.Fully press the
	not working properly	clutch or wait more time for the gearbox
	2. Assembly	gearing to stop
Noise	clearance	2. Check/adjust the
	3.Broken teeth	looseness between the teeth and the
	J.DIOKEIT LEELIT	thickness of the
	4.Damaged roller-	gaskets
	bearings	3-4.Repair or replace
	1.0 Look of	1.Refill the oil level
	1-2.Lack of lubrication	2.Use a PTO with a lubrication hose
	lubrication	connected directly to
Over-heating	3.Too tight between	the gearbox
	the wheel of the PTO	3.Adjust the gap
	and the wheel of the	between tooths with
	gearbox	the thickness of the gaskets
		1.Tight according to
	1.Loose fixation nuts	recommendations
Leaks	and studs	2.Replace gasket for
	2.Damaged gasket	another with the same thickness
		1.Clean or replace
	1.Obstructed air hose	hose
PTO doesn't	2.Low air pressure	2.Check for leak
engage		source and fix it
	3.Control failure	3.Repair or replace control
PTO doesn't	1. Internal PTO	1.Repair or replace
disengage	problem	control
No transmission of	1 DTO blockoss	1.Repair or replace
	T.PTO blockage	control
No transmission of movement	1.PTO blockage	



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MSA 5G ; MSA 5P Mechanic Control

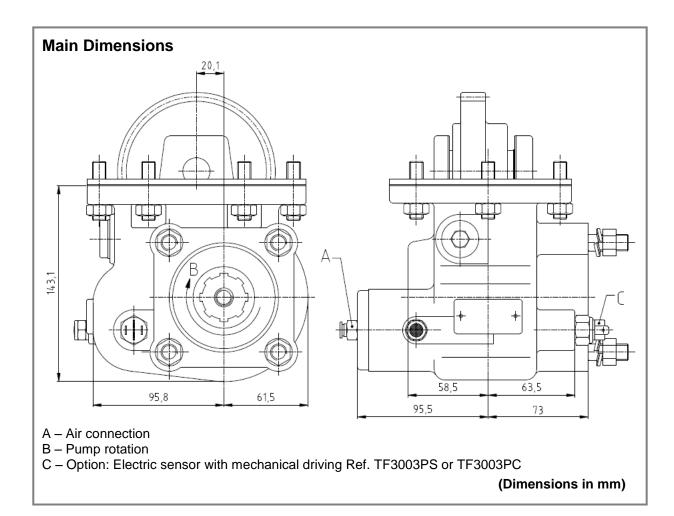


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	11.5
PTO internal ratio	1:1,19
Indicative ratio from motor to PTO's output	





MSA 5G ; MSA 5P Pneumatic Control



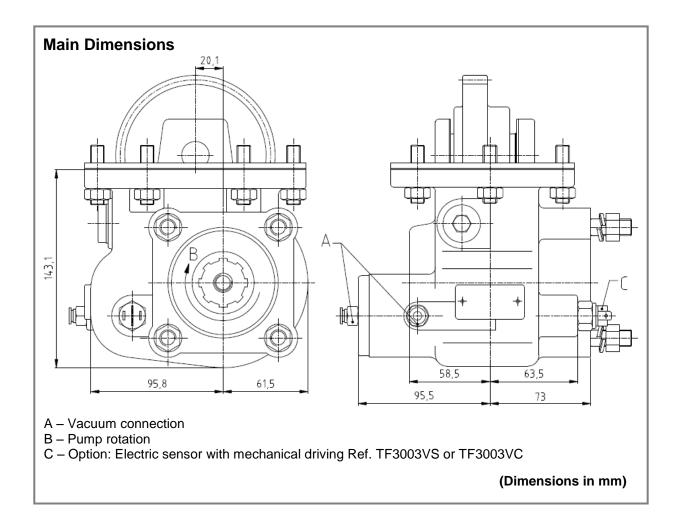
Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	11
PTO internal ratio	1:1,19
Indicative ratio from motor to PTO's output	





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MSA 5G ; MSA 5P Vacuum Control

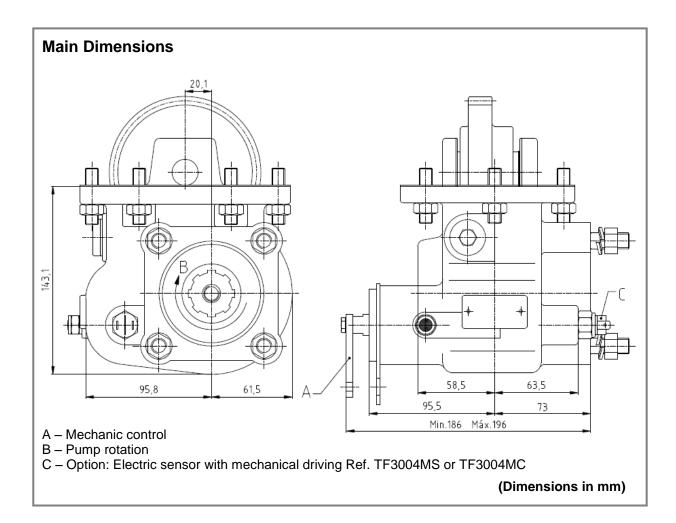


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	11
PTO internal ratio	1:1,19
Indicative ratio from motor to PTO's output	





MSA 5D ; MSA 5S ; MXA 5R ; MXA 6R ; MXA 6S Mechanic Control

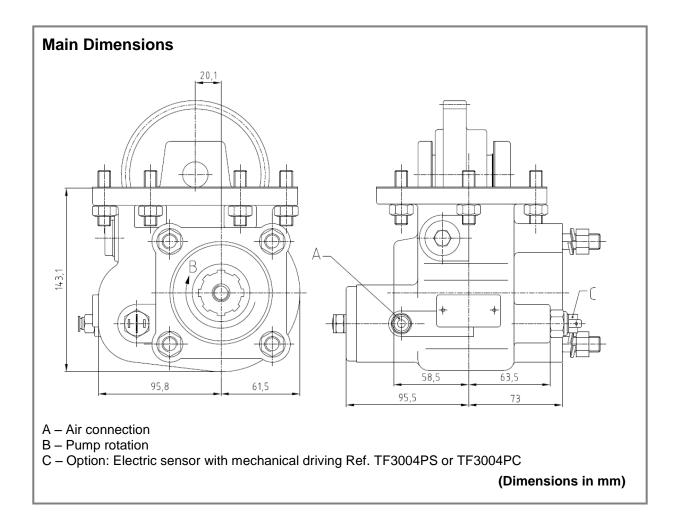


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	11.5
PTO internal ratio	1:1,19
Indicative ratio from motor to PTO's output	





MSA 5D ; MSA 5S ; MXA 5R ; MXA 6R ; MXA 6S Pneumatic Control

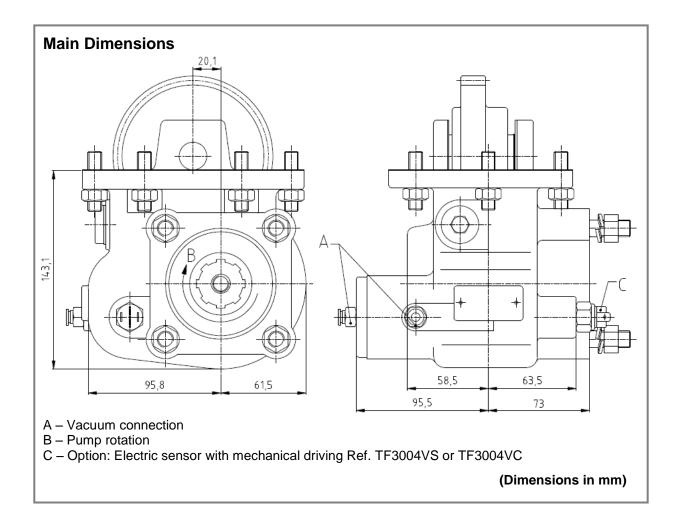


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	11
PTO internal ratio	1:1,19
Indicative ratio from motor to PTO's output	





MSA 5D ; MSA 5S ; MXA 5R ; MXA 6R ; MXA 6S Vacuum Control

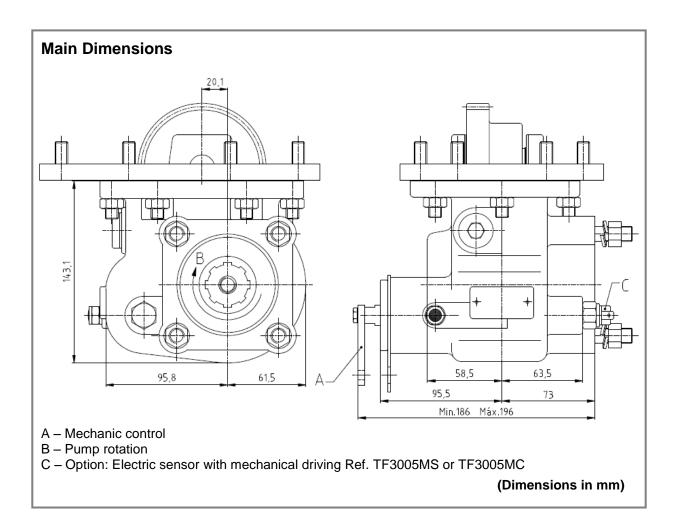


Main Data		
Continuous Torque (Nm)	300	
Intermittent Torque (Nm)	420	
Power (at 1000 r.p.m)	42 C.V. / 32 Kw	
Mounting Position	Left	
Pump Rotation	Left Hand	
Weight (Kg)	11	
PTO internal ratio	1:1,19	
Indicative ratio from motor to PTO's output		





MBP 6Q Mechanic Control



Main Data		
Continuous Torque (Nm)	300	
Intermittent Torque (Nm)	420	
Power (at 1000 r.p.m)	42 C.V. / 32 Kw	
Mounting Position	Left	
Pump Rotation	Left Hand	
Weight (Kg)	14	
PTO internal ratio	1:1,13	
Indicative ratio from motor to PTO's output		

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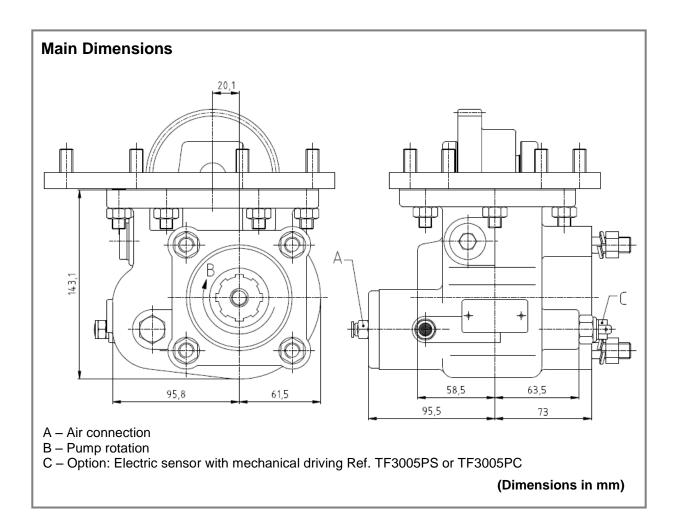


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MBP 6Q Pneumatic Control



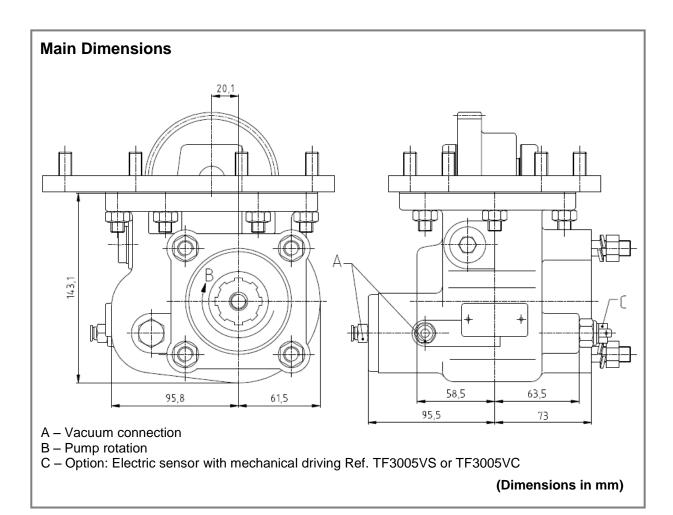
Main Data		
Continuous Torque (Nm)	300	
Intermittent Torque (Nm)	420	
Power (at 1000 r.p.m)	42 C.V. / 32 Kw	
Mounting Position	Left	
Pump Rotation	Left Hand	
Weight (Kg)	13.5	
PTO internal ratio	1:1,13	
Indicative ratio from motor to PTO's output		





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MBP 6Q Vacuum Control



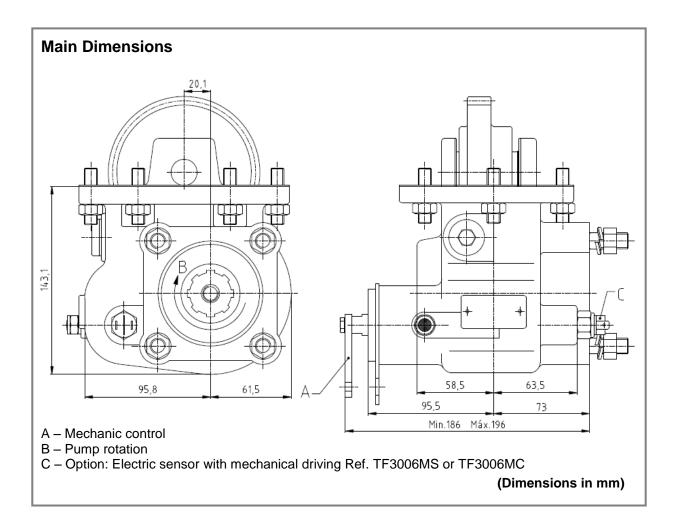
Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	13.5
PTO internal ratio	1:1,13
Indicative ratio from motor to PTO's output	





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MSB 5R Mechanic Control

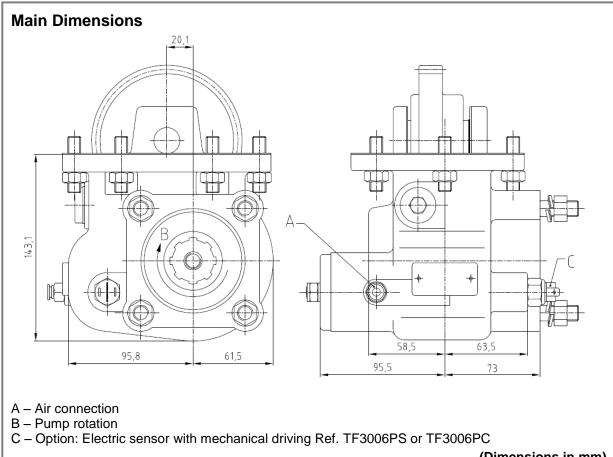


Main Data		
Continuous Torque (Nm)	300	
Intermittent Torque (Nm)	420	
Power (at 1000 r.p.m)	42 C.V. / 32 Kw	
Mounting Position	Left	
Pump Rotation	Left Hand	
Weight (Kg)	11.5	
PTO internal ratio	1:1,17	
Indicative ratio from motor to PTO's output		





MSB 5R Pneumatic Control



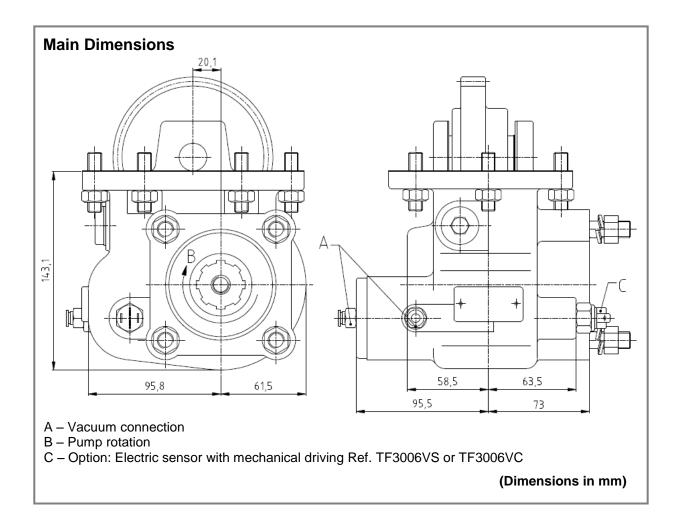
(Dimensions in mm)

Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	11
PTO internal ratio	1:1,17
Indicative ratio from motor to PTO's output	





MSB 5R Vacuum Control



Main Data		
Continuous Torque (Nm)	300	
Intermittent Torque (Nm)	420	
Power (at 1000 r.p.m)	42 C.V. / 32 Kw	
Mounting Position	Left	
Pump Rotation	Left Hand	
Weight (Kg)	11	
PTO internal ratio	1:1,17	
Indicative ratio from motor to PTO's output		

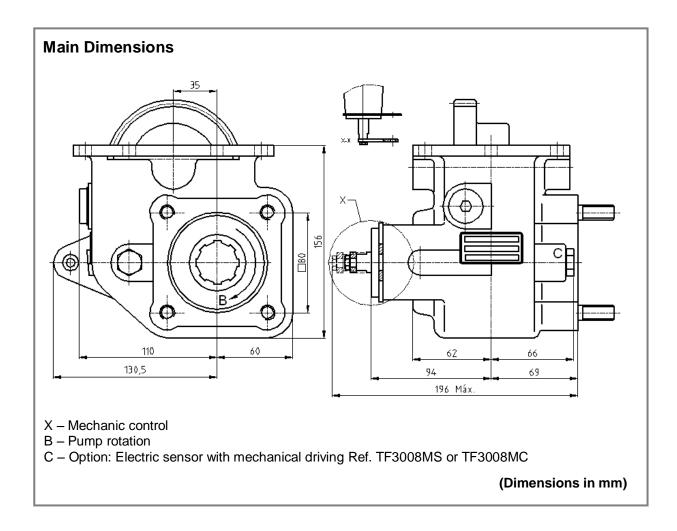




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MYY - 5T ; MYY - 6S ; MYY - 6P ; Mechanic control



	Main Da	ta
Continuous	Torque (Nm)	300
Intermittent	Torque (Nm)	420
Power (at 1	000 rpm)	42 cv / 32 kW
Mounting P	osition	Left
Pump Rotat	tion	Left Hand
Weight (Kg)		11.5
PTO interna	al ratio	1:1
Indicative ra	atio from motor to PTO's output	
MYY-5T	1:0.7	
MYY-6P	1:0.6	
MYY-6S	1:0.6	

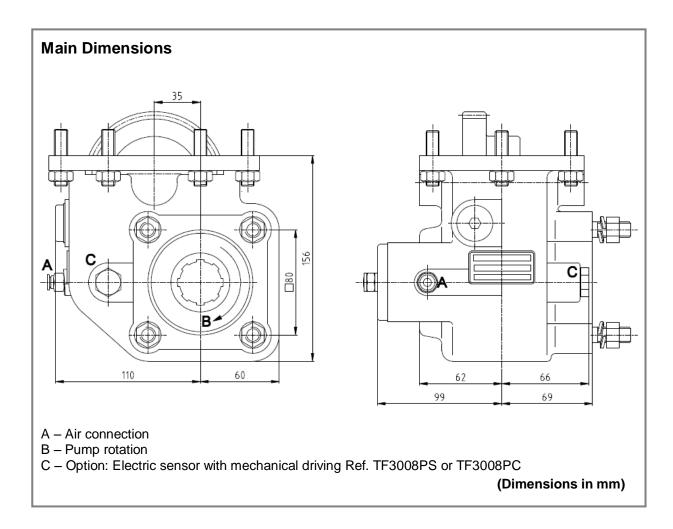




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ISUZU

MYY – 5T ; MYY – 6S ; MYY – 6P ; Pneumatic control



Main Data		
Continuous	Torque (Nm)	300
Intermittent	Torque (Nm)	420
Power (at 1000 rpm) Mounting Position Pump Rotation Weight (Kg) PTO internal ratio		42 cv / 32 kW
		Left
		Left Hand
		11
		1:1
Indicative ra	atio from motor to PTO´s output	
MYY-5T	1:0.7	
MYY-6P	1:0.6	
MYY-6S	1 : 0.6	

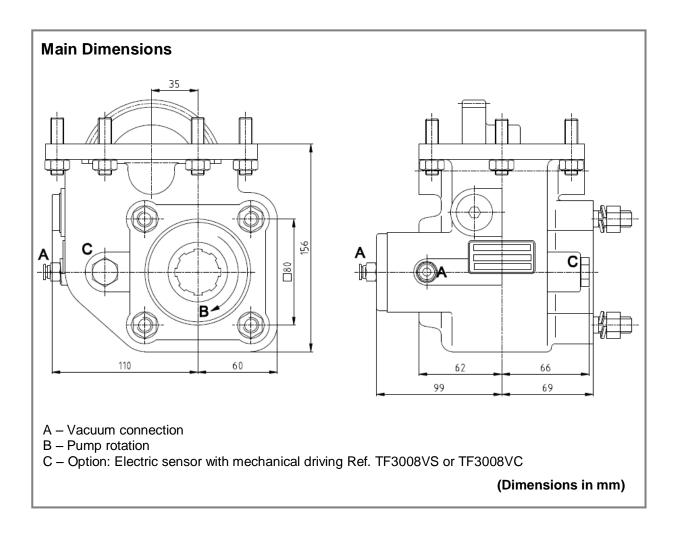




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MYY – 5T ; MYY – 6S ; MYY – 6P ; Vacuum control

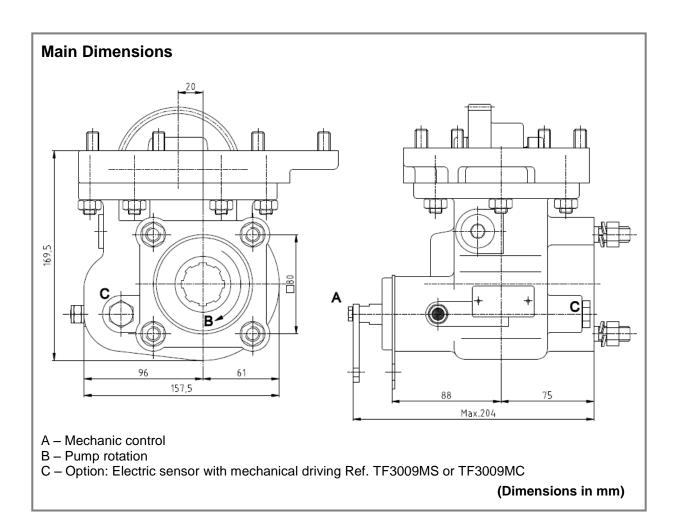


	Main Da	a
Continuous	Torque (Nm)	300
Intermittent Torque (Nm) Power (at 1000 rpm) Mounting Position Pump Rotation Weight (Kg) PTO internal ratio		420
		42 cv / 32 kW
		Left
		Left Hand
		11
		1:1
Indicative ra	atio from motor to PTO's output	
MYY-5T	1:0.7	
MYY-6P	1:0.6	
MYY-6S	1:0.6	





MZZ-6U Mechanic control

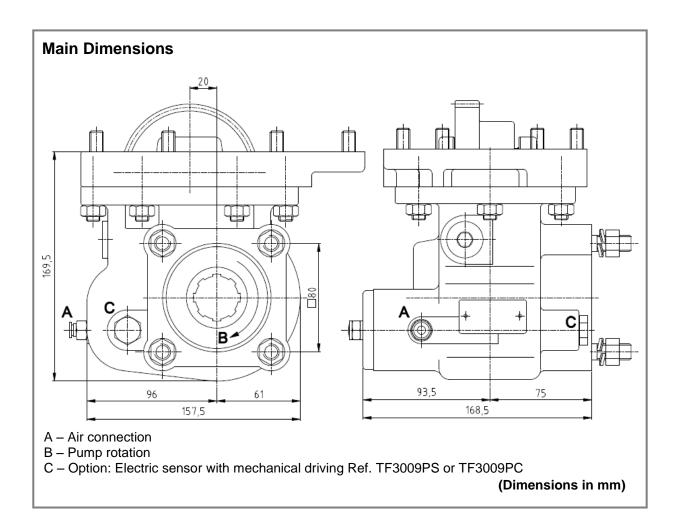


Main Data		
Continuous Torque (Nm)	300	
Intermittent Torque (Nm)	420	
Power (at 1000 r.p.m)	42 C.V. / 32 Kw	
Mounting Position	Left	
Pump Rotation	Left Hand	
Weight (Kg)	13	
PTO internal ratio	1:1,07	
Indicative ratio from motor to PTO's output	1:0,75	





MZZ-6U Pneumatic control



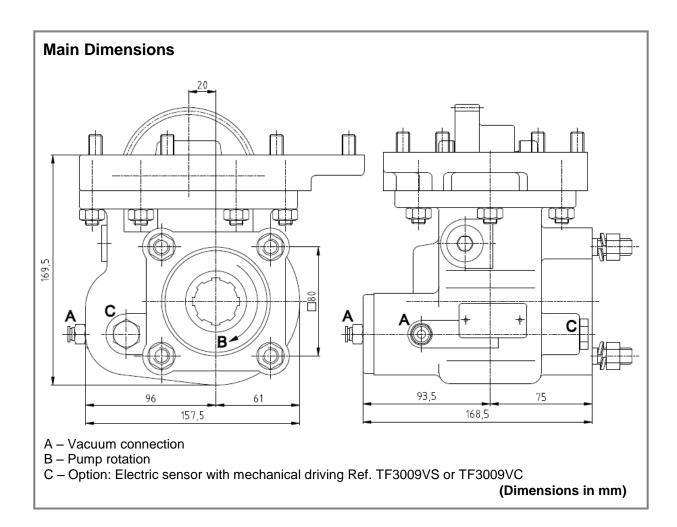
Main Data		
Continuous Torque (Nm)	300	
Intermittent Torque (Nm)	420	
Power (at 1000 r.p.m)	42 C.V. / 32 Kw	
Mounting Position	Left	
Pump Rotation	Left Hand	
Weight (Kg)	12.5	
PTO internal ratio	1:1,07	
Indicative ratio from motor to PTO's output	1:0,75	





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MZZ-6U Vacuum control

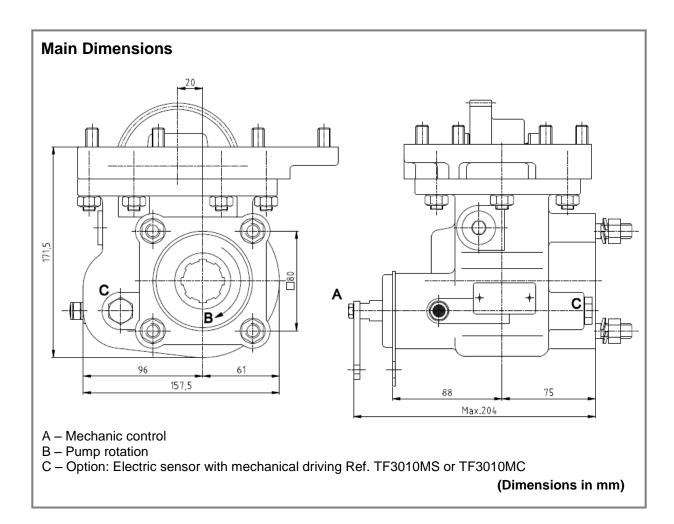


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	12.5
PTO internal ratio	1:1,07
Indicative ratio from motor to PTO's output	1:0,75





MZZ-6F ; MOZ53 Mechanic control



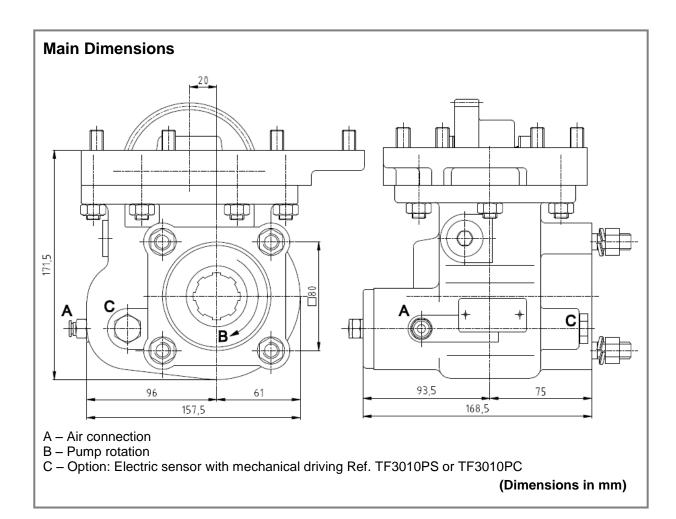
Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	13
PTO internal ratio	1:1,07
Indicative ratio from motor to PTO's output	1:0,75





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MZZ-6F ; MOZ53 Pneumatic control

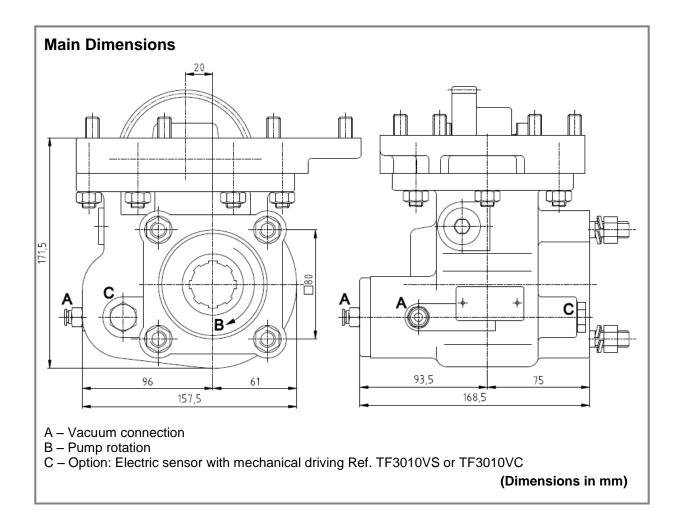


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	12.5
PTO internal ratio	1:1,07
Indicative ratio from motor to PTO's output	1:0,75





MZZ-6F ; MOZ53 Vacuum control

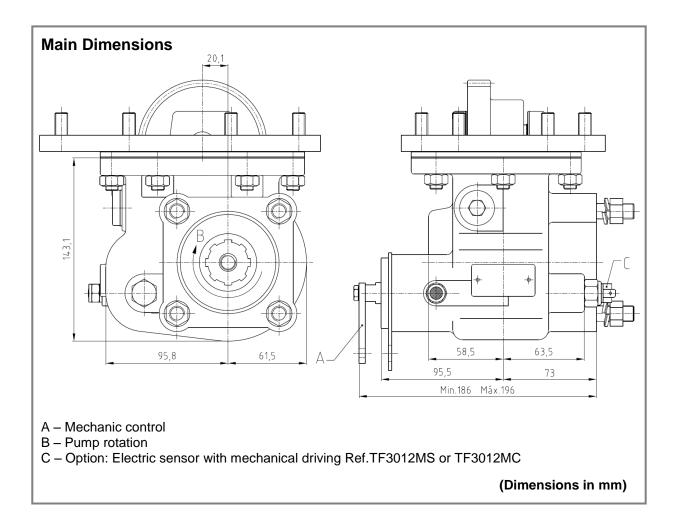


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	12.5
PTO internal ratio	1:1,07
Indicative ratio from motor to PTO's output	1:0,75





MBP 6R Mechanic Control

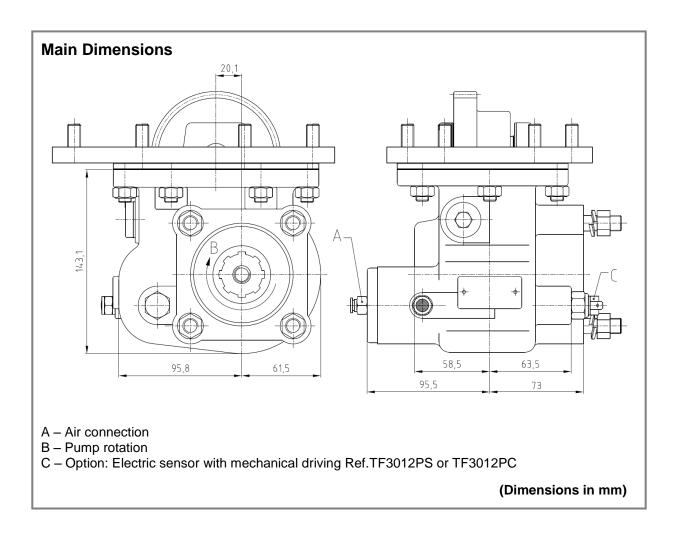


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	14.3
PTO internal ratio	1:1,13
Indicative ratio from motor to PTO's output	





MBP 6R Pneumatic Control

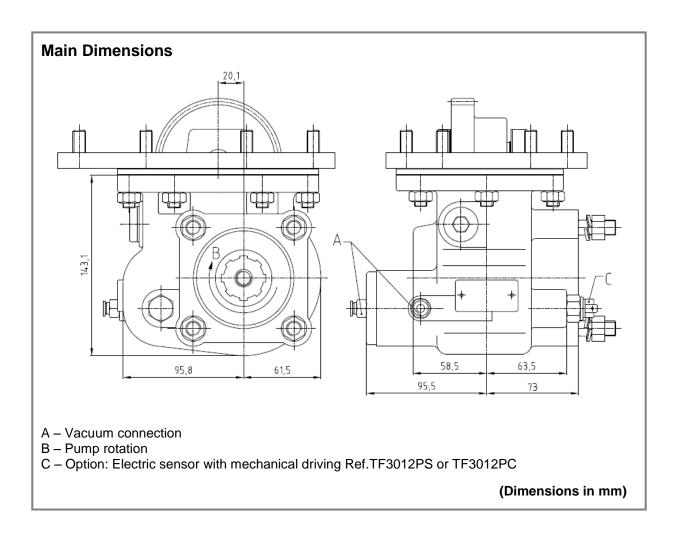


Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	13.8
PTO internal ratio	1:1,13
Indicative ratio from motor to PTO's output	





MBP 6R Vacuum Control



Main Data	
Continuous Torque (Nm)	300
Intermittent Torque (Nm)	420
Power (at 1000 r.p.m)	42 C.V. / 32 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	13.8
PTO internal ratio	1:1,13
Indicative ratio from motor to PTO's output	

ABER is constantly engaged in improving its products and, therefore, reserves itself the right to modify without any further notice the characteristics shown The gear boxes are in constant change; therefore, ABER is not to be held responsible for any damage resulting from wrong application or application of outdated material

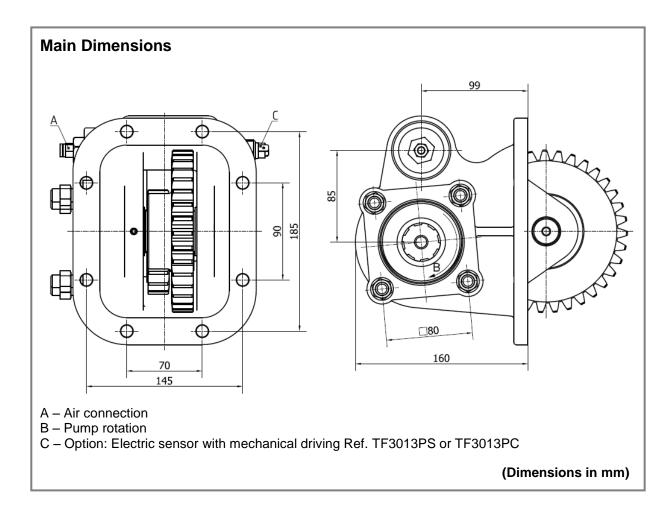


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MAG 6G ; MAG 6W ; MAL 5T ; MAL 6Q ; MAL 6S ; MAJ 7T ; MAJ 7U Pneumatic control



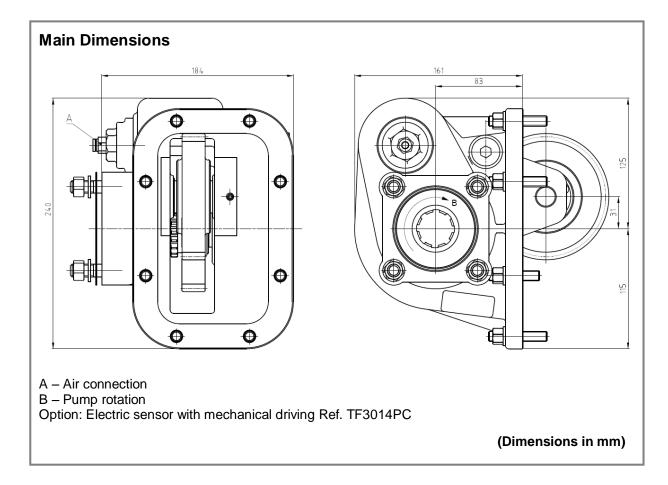
Main Data	
Continuous Torque (Nm)	280
Intermittent Torque (Nm)	320
Power (at 1000 r.p.m)	21 C.V. / 15,5 Kw
Mounting Position	Left
Pump Rotation	Left Hand
Weight (Kg)	15.2
PTO internal ratio	1:1,667
Indicative ratio from motor to PTO's output	1:1,571





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MZW 6P; Pneumatic Control



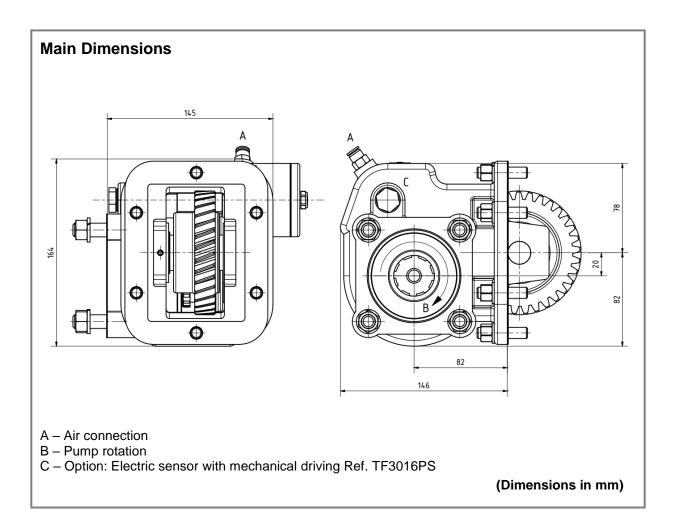
Main Data	
Continuous Torque (Nm)	280
Intermittent Torque (Nm)	350
Power (at 1000 rpm)	39 cv / 29 kW
Mounting Position	Left
Pump Rotation	Right Hand
Weight (approx.) (kg)	15,8
PTO internal ratio	1:0,91
Indicative ratio from motor to PTO's output	1:0,85





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MYY – 5A ; MYY – 5S ; Pneumatic control



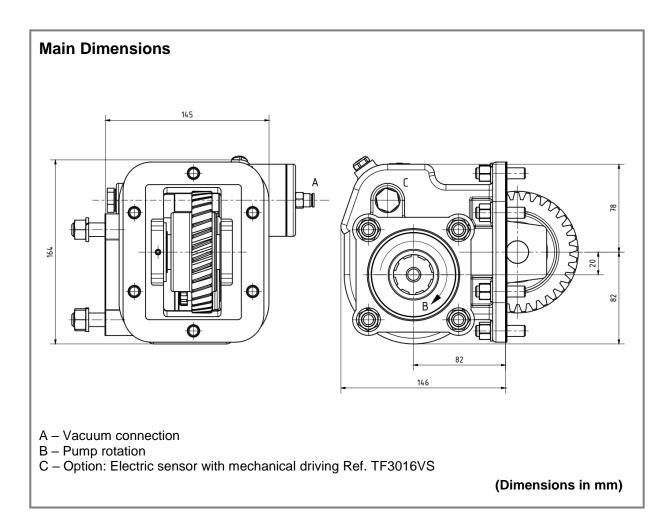
Main Data		
Continuous	s Torque (Nm)	270
Intermittent Torque (Nm)		350
Power (at 1000 rpm)		45 cv / 33 kW
Mounting Position		Left
Pump Rotation		Left Hand
Weight (Kg)		12
PTO internal ratio		1:1.18
Indicative ratio from motor to PTO's output		
MYY-5A MYY-5S	1 : 0.71 1 : 0.61	





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MYY – 5A ; MYY – 5S ; Vacuum control



Main Data		
Continuous	s Torque (Nm)	270
Intermittent Torque (Nm)		350
Power (at 1000 rpm)		45 cv / 33 kW
Mounting Position		Left
Pump Rotation		Left Hand
Weight (Kg)		12
PTO internal ratio		1:1.18
Indicative ratio from motor to PTO's output		
MYY-5A MYY-5S	1 : 0.71 1 : 0.61	

