



# OMEGA

Omega End. Ekip. Mak. İth. İhr. Ltd. Şti.

## ZTS

TRANSMİKSER REDÜKTÖRLERİ  
TRUCKMIXER GEARBOX



### PM - PMK



HİDROLİK POMPA

MOTOR

SOĞUTUCU



[www.omegaend.com.tr](http://www.omegaend.com.tr)

# PM 51

## VERSION .1

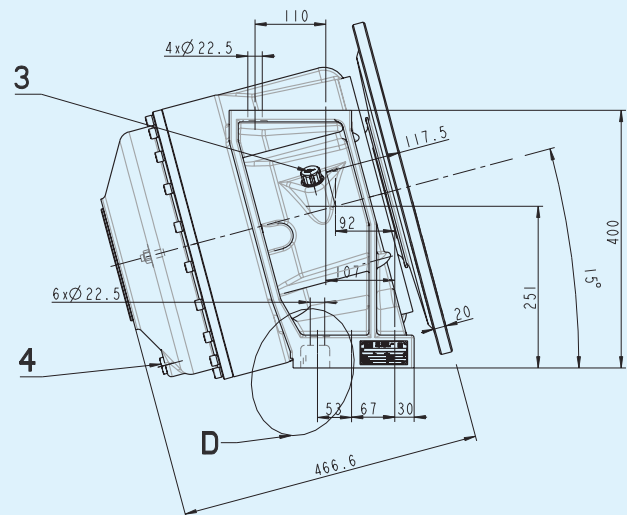
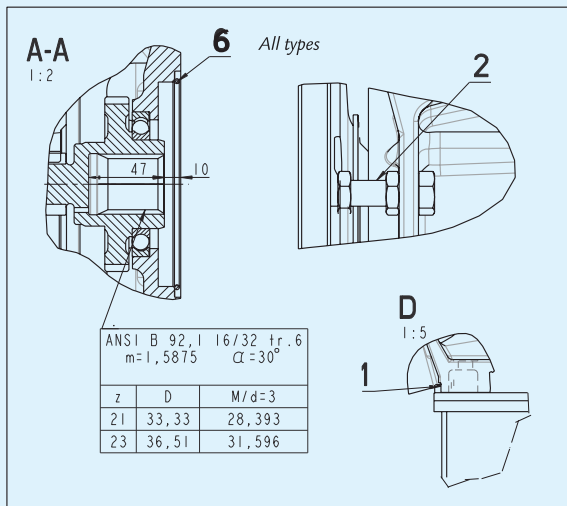
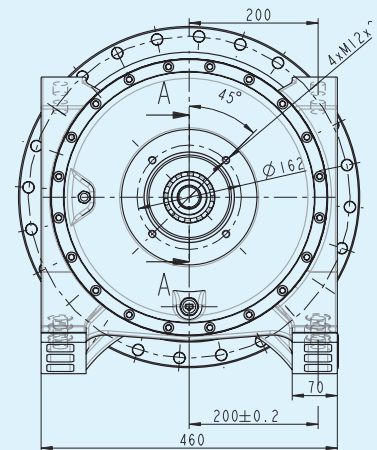
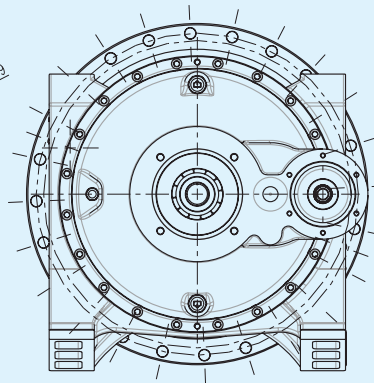
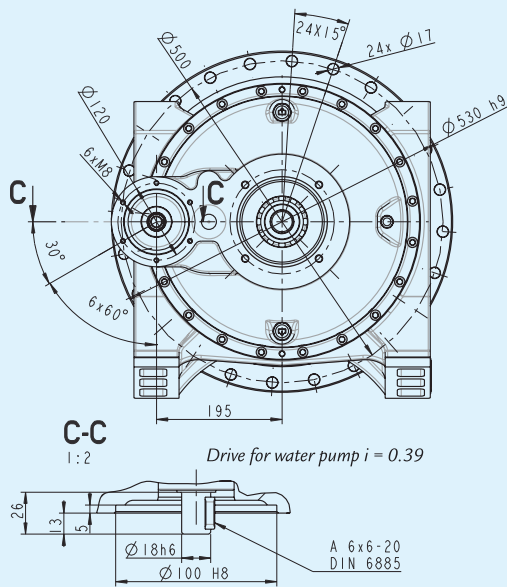
with water pump drive on the left side

## VERSION .1

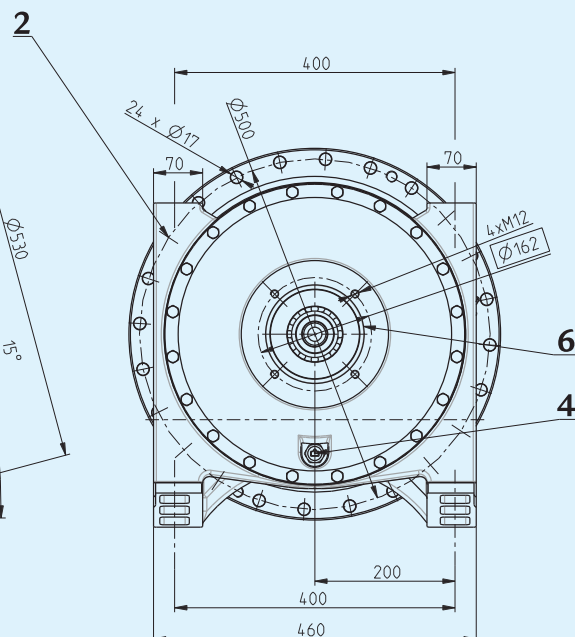
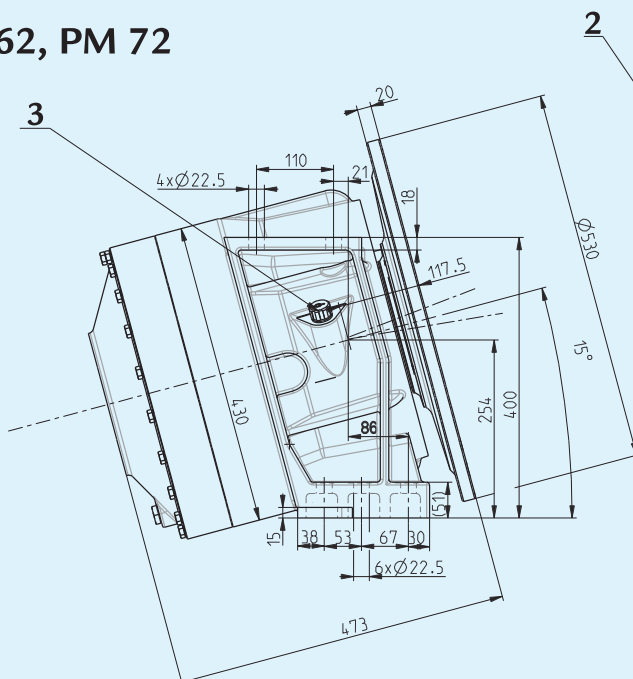
with water pump drive on the right side

## VERSION .2

without water pump drive



# PM 62, PM 72



OMEGA

# GEARBOXES FOR TRUCK CONCRETE MIXERS PM PMC PMK

Gearboxes PM, PMC and PMK are used for direct drives of truck mounted concrete mixers with the drum capacity from 6 to 16 m<sup>3</sup>. Drum is in application directly mounted to the driving flange of the gearbox, which is transmitting torque moment from hydraulic motor to drum. Gearbox is used to support of front drum part, as well. Gearboxes PMS1 are available with water pump drive (version A) and without water pump drive (version .2). Two versions are produced by PM51.1: left and right. Various types of standard hydromotors can be used. PMK 60 (right version) and PML 60 (left version) are designed as right angle gearboxes.

Application of gearboxes PM 62 and PM 72 is subject to use of such hydraulic drive, which assures total ratio min. / = 130 of the drive.

Gearboxes PM PMC PMK are characterised by:

Verified drive principle Reliable operation \*unified design \*low noise \*high output torque moments \*simple maintenance It is necessary to declare by order, type, version, number of motor shaft splines, for example: PM51.1, right, z=21



## Basic technical data

Type	Max. drum capacity [m <sup>3</sup> ]	Drum axis angle	Gear ratio	Max. output torque [Nm]	Oil quantity [l]	Weight .1	[kg] .2	Max. input Revolutions [RPM]	Ambient temperature [°C]
PM 51	6 – 7	15°	100	51 000	10	291	286	2 500	- 20° + 40°
	8	12°							
PM 62.2	9	12°	113	61.000	10	–	290		
	10	11°							
PM 62.1	9	12°	148		11	–	312		
	10	11°							
PMK, L 60	9	12°	145	75.000	12	–	336		
	10	11°							
PM 72.2	10 – 11	11°	113		10	–	295		
	12	10°							
PM 72.1	10 – 11	11°	148	85.000	11	–	330		
	12	10°							
PM 92.1	14 – 16	9°	140		14	–	390		

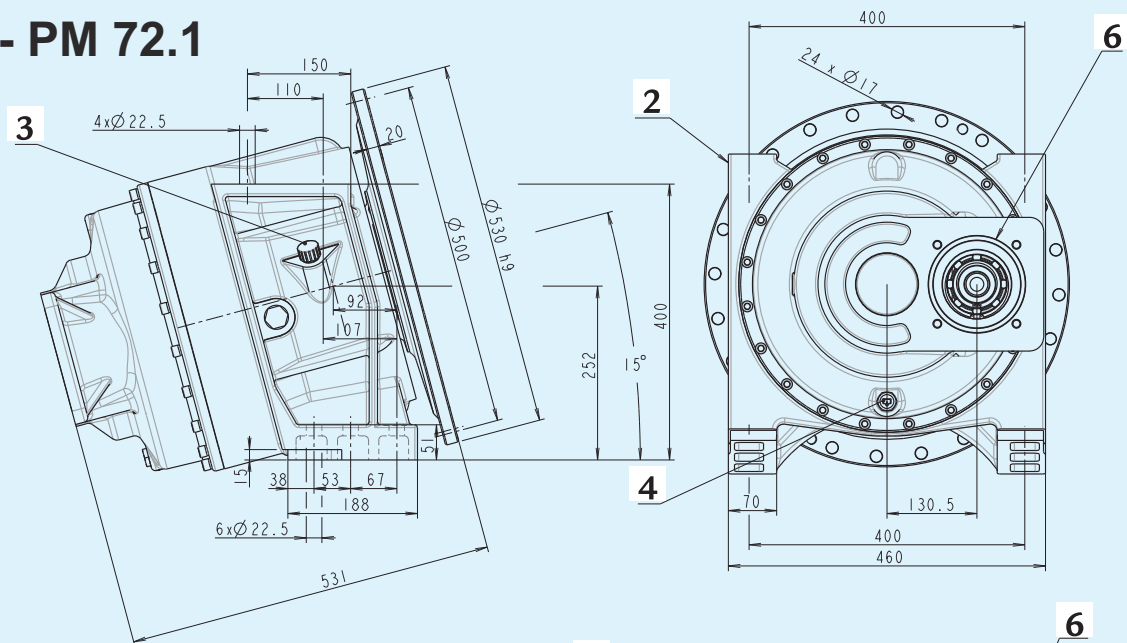
Stop block on the front pedestal  
Fixating bolt of the flange (transport)

Oil gauge (oil filler plug)  
Oil drain plug

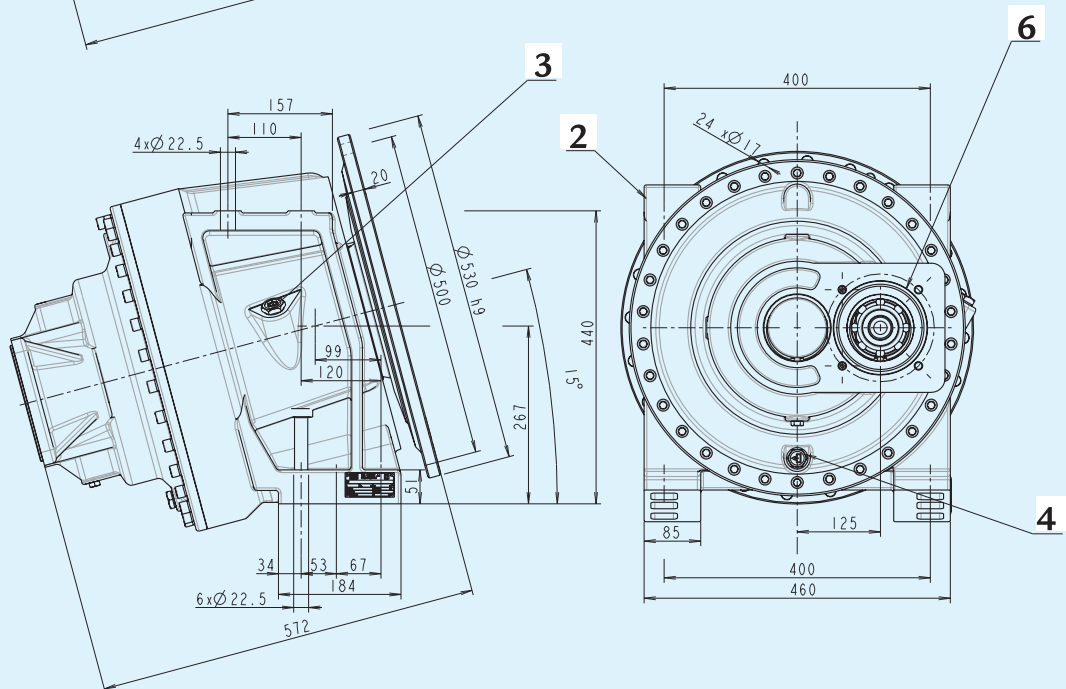
Hanger  
Ring



## PM 62.1 - PM 72.1

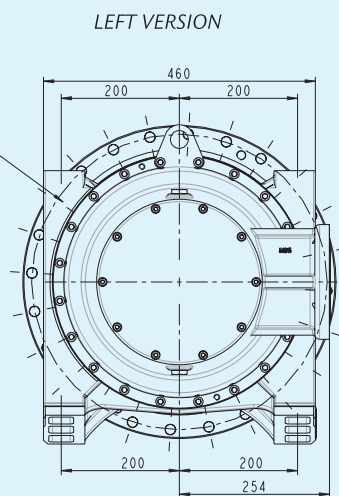
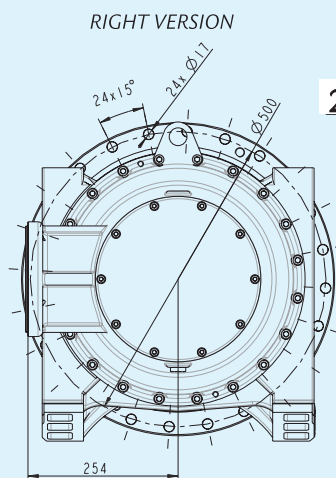
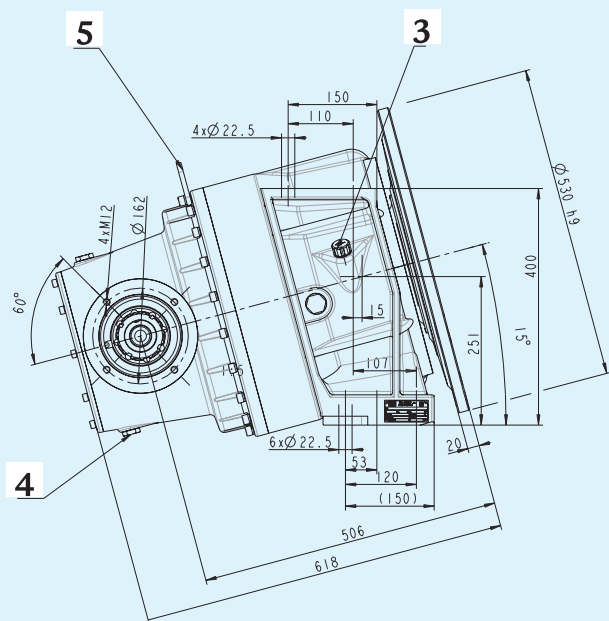


## PM 92.1



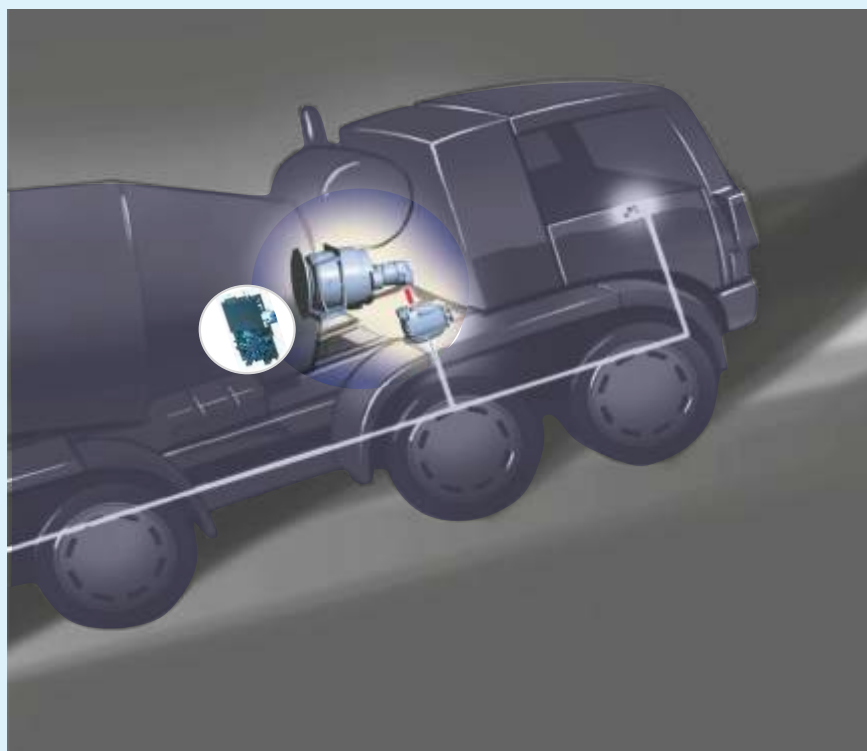
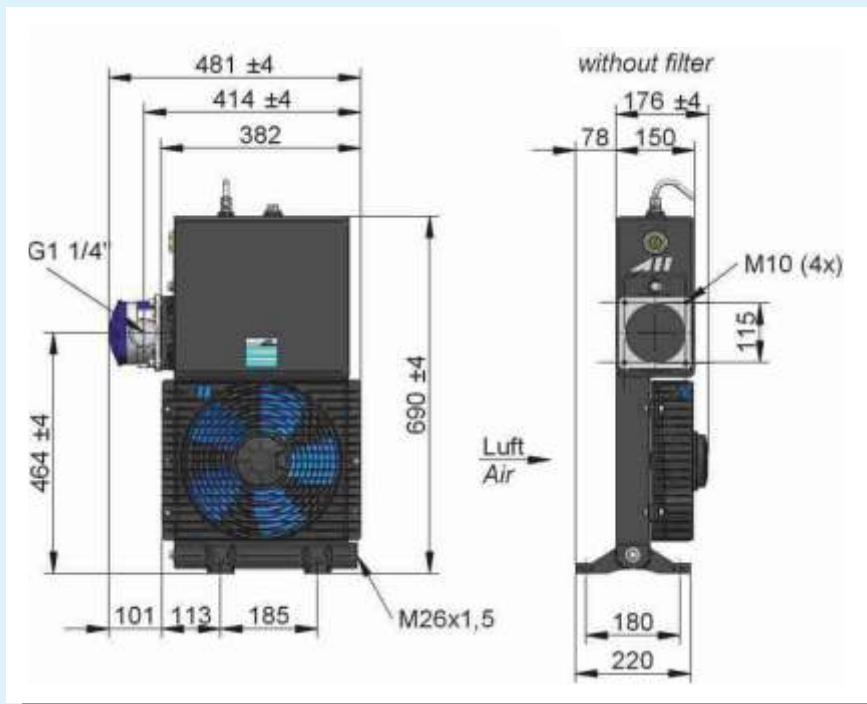
## PMK 60

## PML 60





# TRANSMİKSER YAĞ SOĞUTUCU





# OMEGA

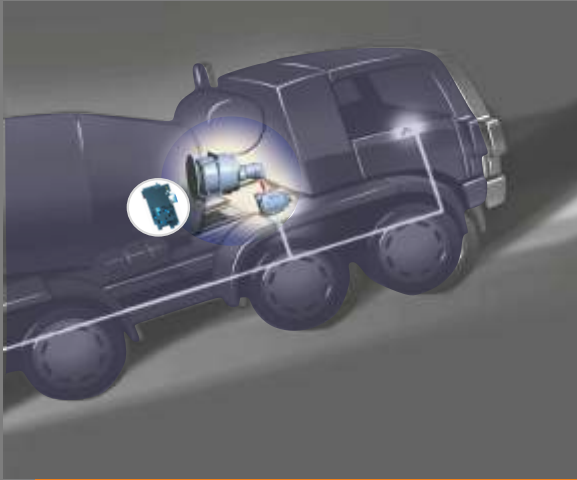
Omega End. Ekip. Mak. İth. İhr. Ltd. Şti.



*RELIABLE WORK  
LOW NOISE  
SIMPLE MAINTENANCE*



*VERIFIED PRINCIPLE OF THE  
DRIVE  
UNIFIED DESIGN  
HIGH OUTPUT TORQUES*



Bölge Distribütörü:

İvedik Org. San. Böl. Hasemek Sanayi Sitesi  
1452. Sk. (Eski 667) No: 75  
Ostim 06378 Yenimahalle / ANKARA  
Tel : +90 312 385 47 36  
Faks: +90 312 385 47 39



[bilgi@omegaend.com.tr](mailto:bilgi@omegaend.com.tr) [www.omegaend.com.tr](http://www.omegaend.com.tr)