



OMEGA

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

ZTS

TRANSMİKSER REDÜKTÖRLERİ
TRUCKMIXER GEARBOX



PM - PMK

HİDROLİK POMPA

MOTOR

SOĞUTUCU



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 m³. 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

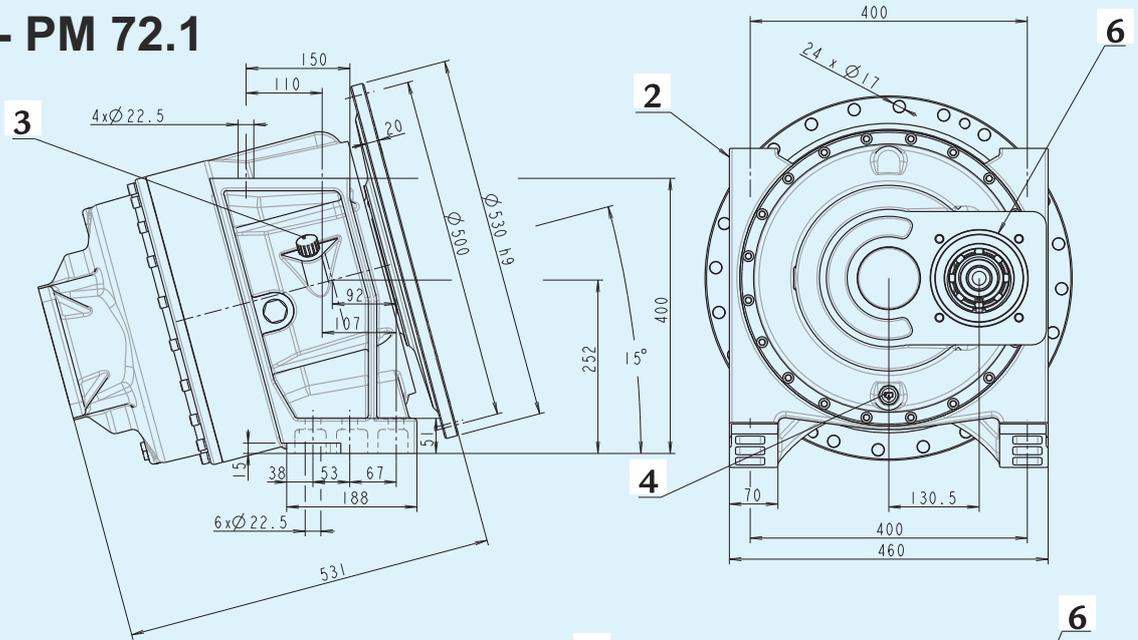
Type	Max. drum capacity [m ³]	Drum axis angle	Gear ratio	Max. output torque [Nm]	Oil quantity [l]	Weight .1	[kg] .2	Max. input Revolutions [RPM]	Ambient temperature [°C]	
PM 51	6 – 7	15°	100	51 000	10	291	286	2 500	- 20° + 40°	
	8	12°								
PM 62.2	9	12°	113	61.000	10	-	290			
	10	11°								
PM 62.1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

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

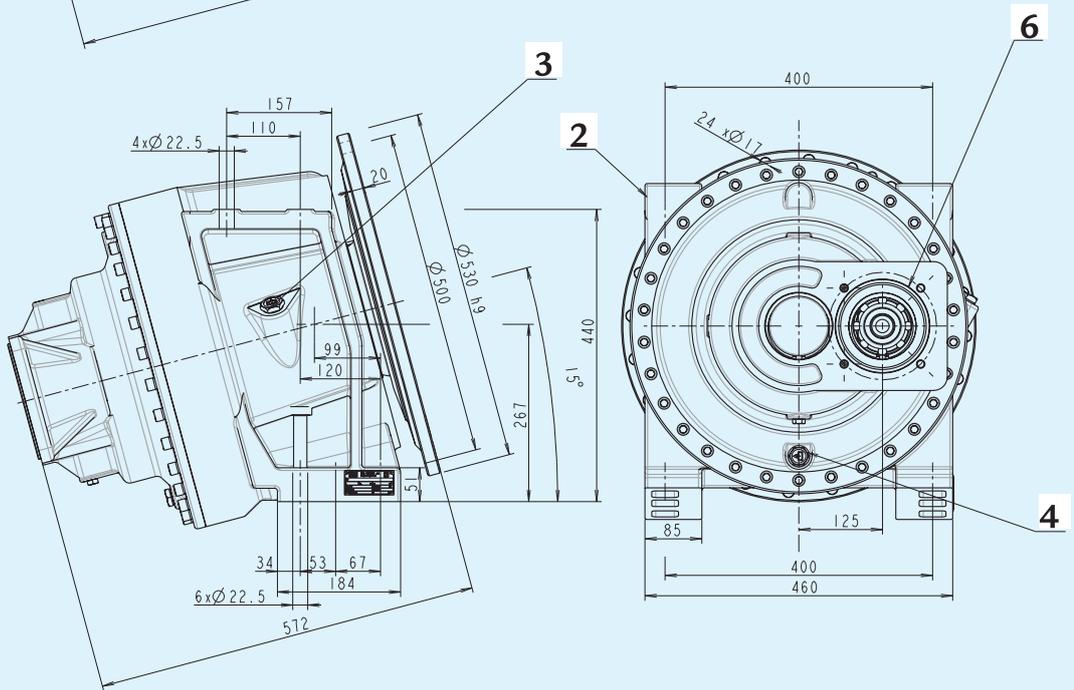
Oil gauge (oil filler plug)
Oil drain plug

Hanger
Ring

PM 62.1 - PM 72.1

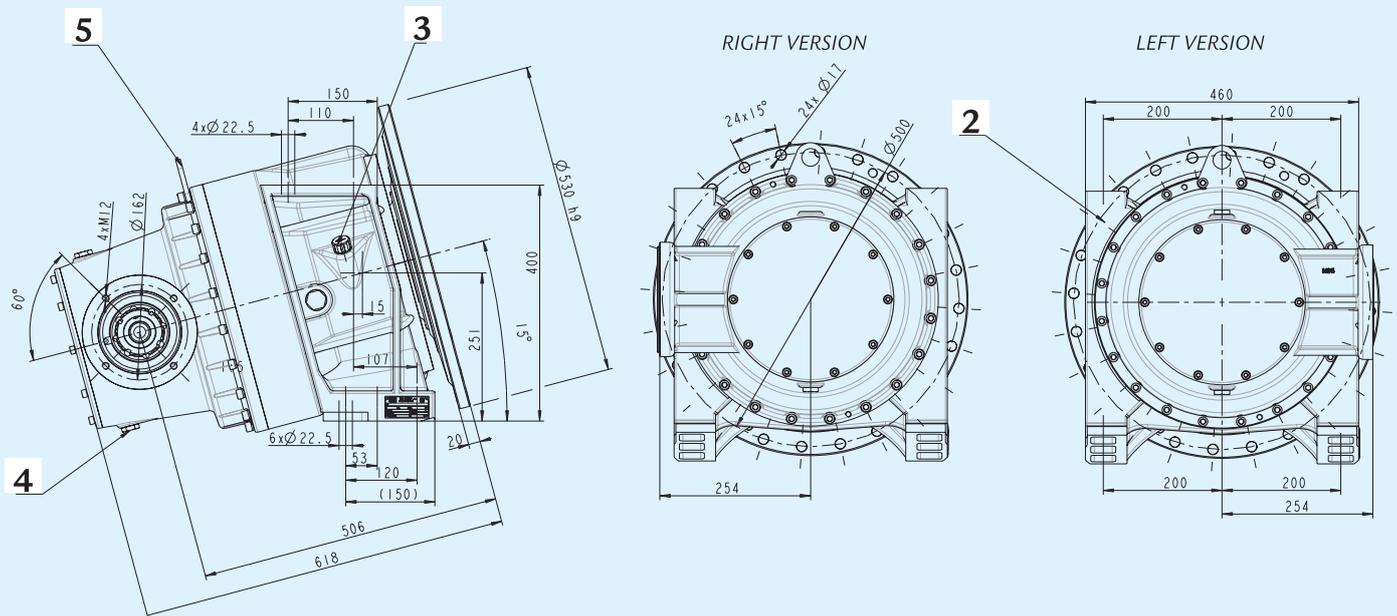


PM 92.1

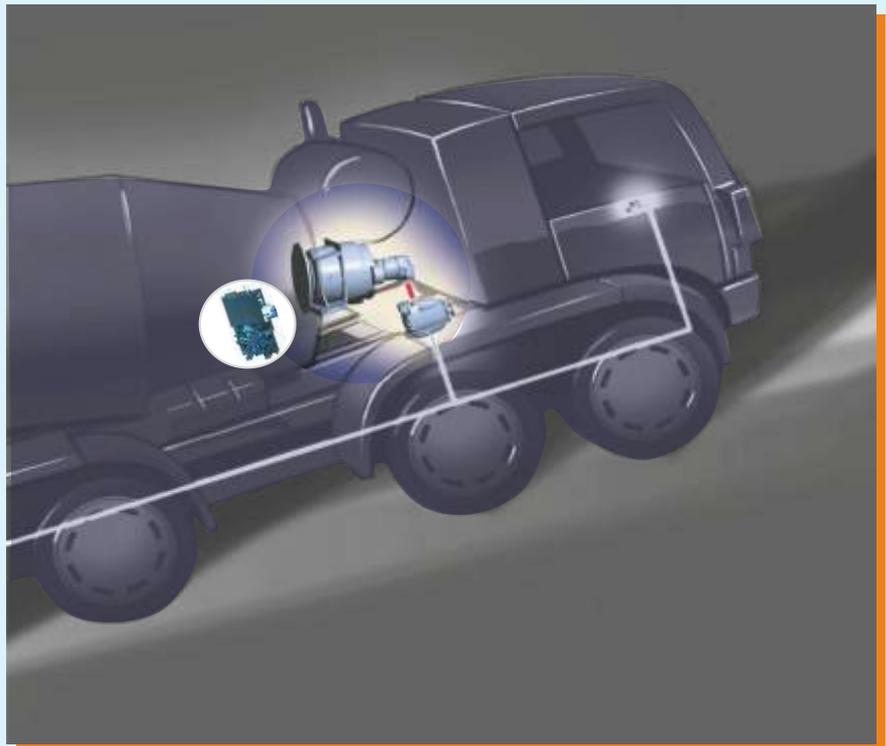
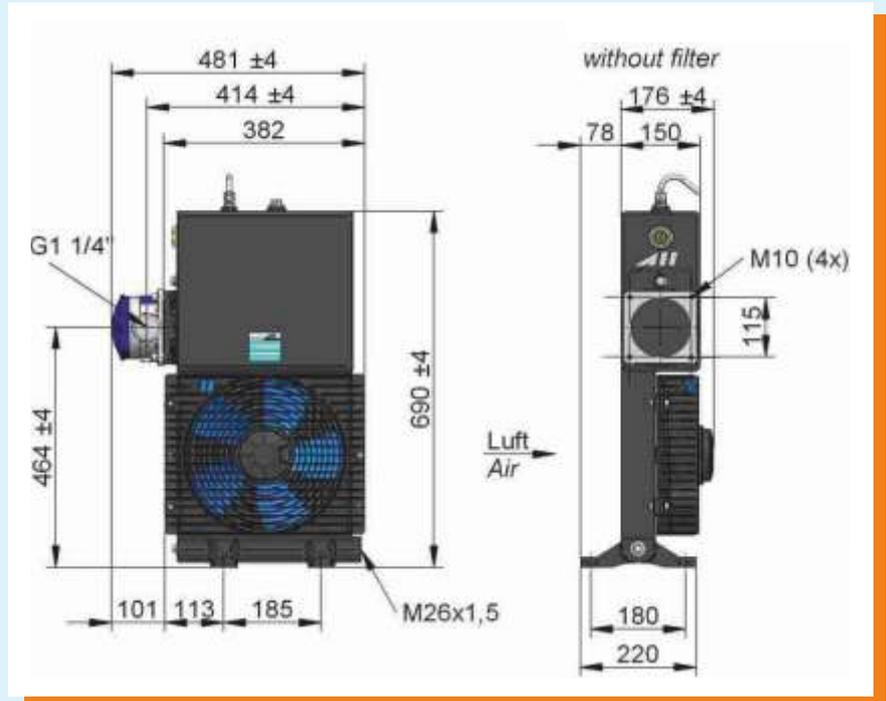


PMK 60

PML 60



TRANSMİKSER YAĞ SOĞUTUCU





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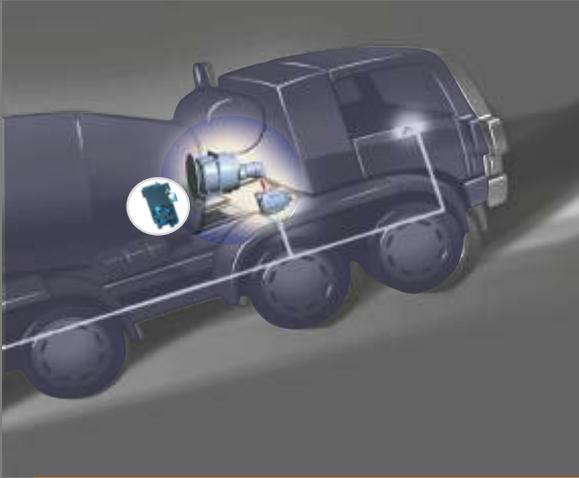
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*RELIABLE WORK
LOW NOISE
SIMPLE MAINTENANCE*



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



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