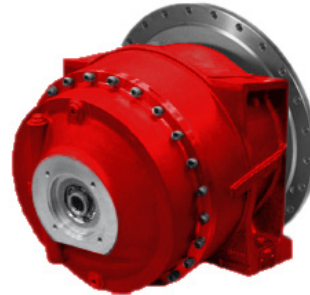


CONCRETE MIXER GEARBOXES



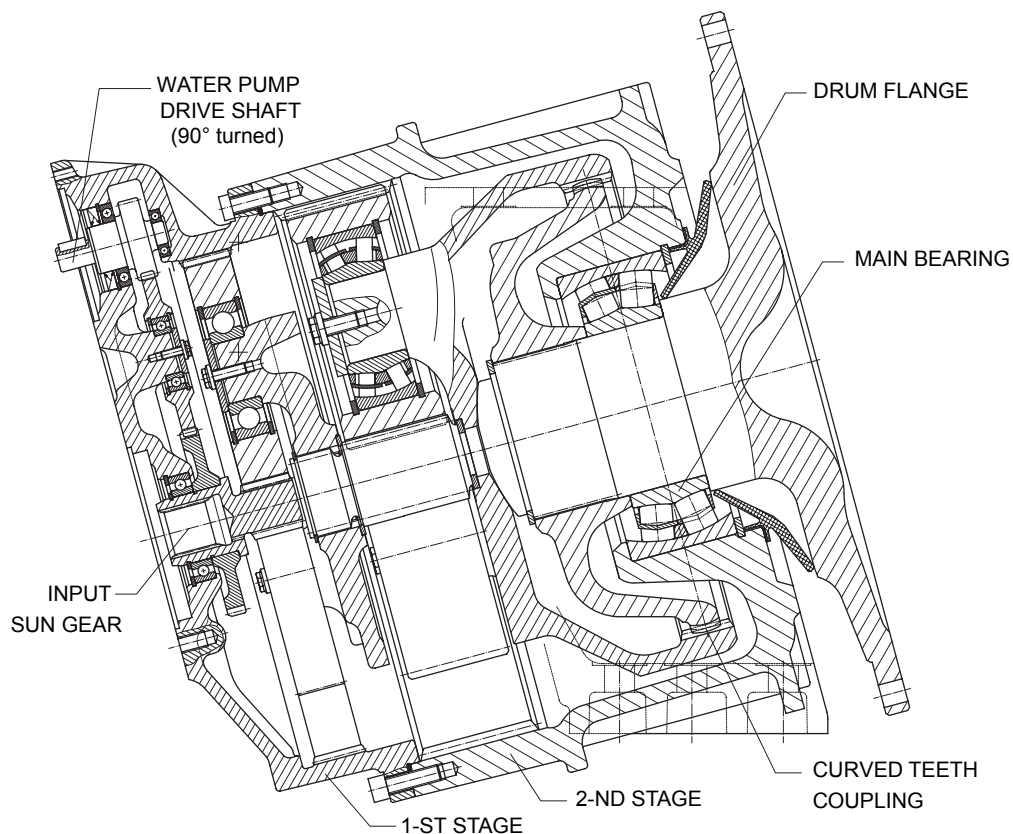
(with water pump PTO)



(without water pump PTO)

HMG SERIES

SECTIONAL VIEW



CONCRETE MIXER GEARBOXES

TECHNICAL DATA

Design:

HMG 510 and HMG 610: 2 stages planetary gearbox

HMG 710: 2 stages planetary gearbox with initial spur gear stage

Direction of rotation: clockwise and counterclockwise

Purpose: drive the drum, carry the torque forces and a part of the drum weight

Options: with or without water pump PTO; prepared to carry a water tank

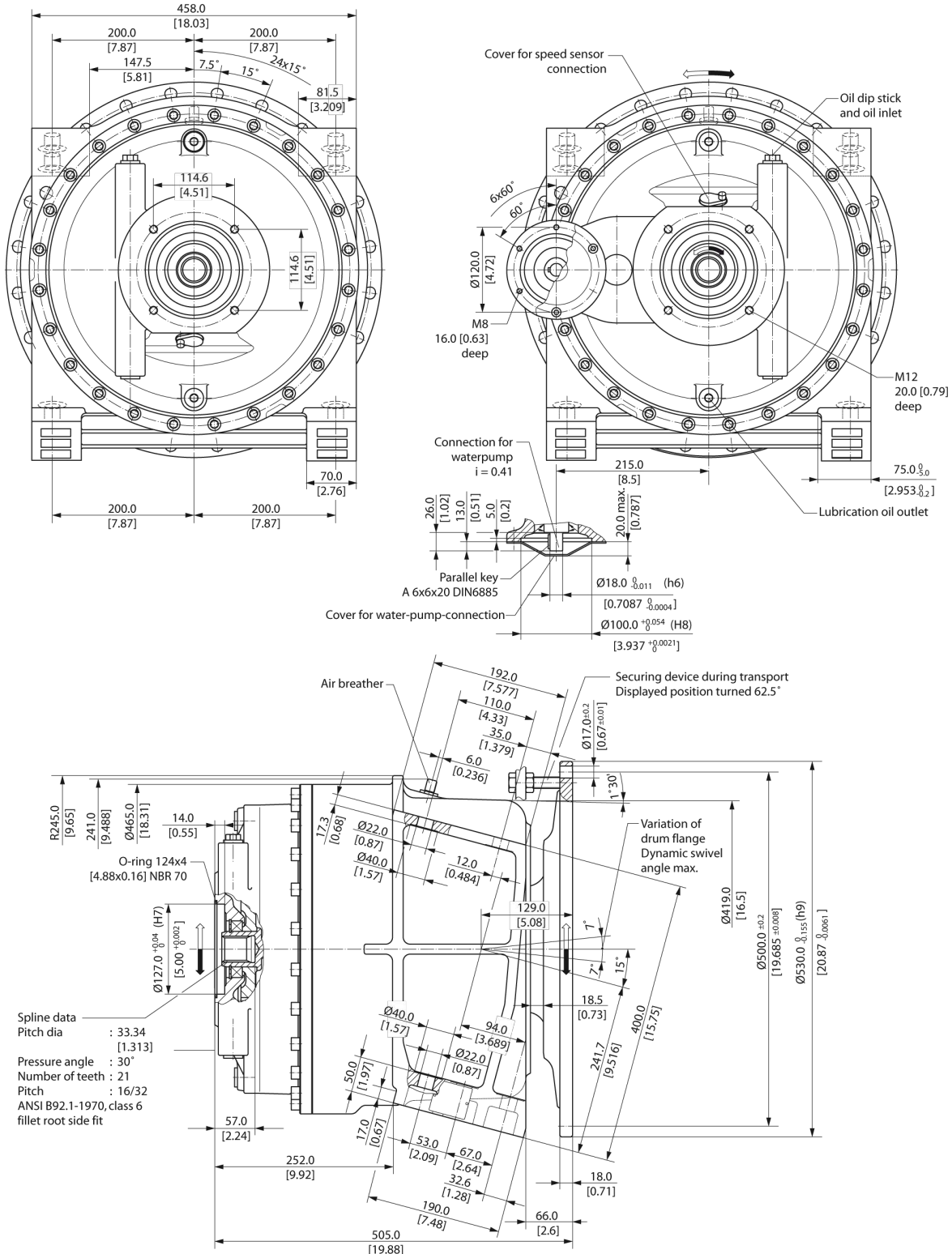
	Max. output torque Nm	Ratio	Efficiency	Max. dynamic swivel angle of the drum flange °	Slope of the main shaft (design) °	Drum nominal capacity m ³					Max. weight of the full drum t
						7	8	9	10	12	
						Max. drum installation angle °					
HMG 510	51.000	1 ÷ 101,9	96%	±6	15	15	12	12	11	11	21,5
HMG 610	61.000	1 ÷ 111,5	96%	±7	15	15	12	12	11	11	32
HMG 710	71.000	1 ÷ 131,3	95%	±7	15	15	12	12	11	11	32

	Max. loads to the drum flange				Max. output speed		Lubricant volume	Operating temperature	Weight
	Static radial load	Dynamic radial load (intermittent)	Static axial load	Dynamic axial load (intermittent)	With water pump PTO	Without water pump PTO			
	kN				min ⁻¹ (rpm)				
HMG 510	130	265	50	160	18	18	12	-20 ÷ +85	253
HMG 610	180	350	65	230	18	16	16	-20 ÷ +85	325
HMG 710	180	350	65	230	16	16	16	-20 ÷ +85	333

CONCRETE MIXER GEARBOXES

DRAWINGS

HMG 610



CONCRETE MIXER GEARBOXES

DRAWINGS

HMG 710

