



Product description

Hydraulic motor of HMX model is an axial piston unit of bent axis type with a light alloy case, designed for hydrostatic systems of mobile machines, e.g. cranes

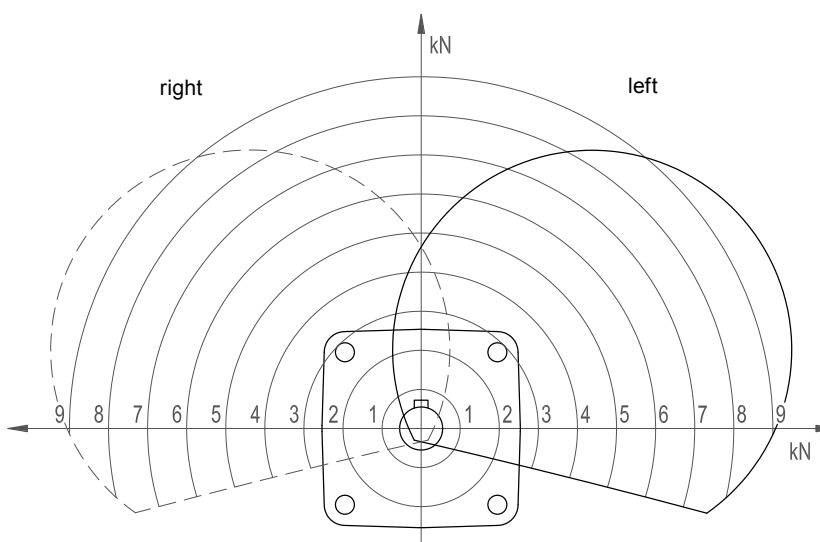
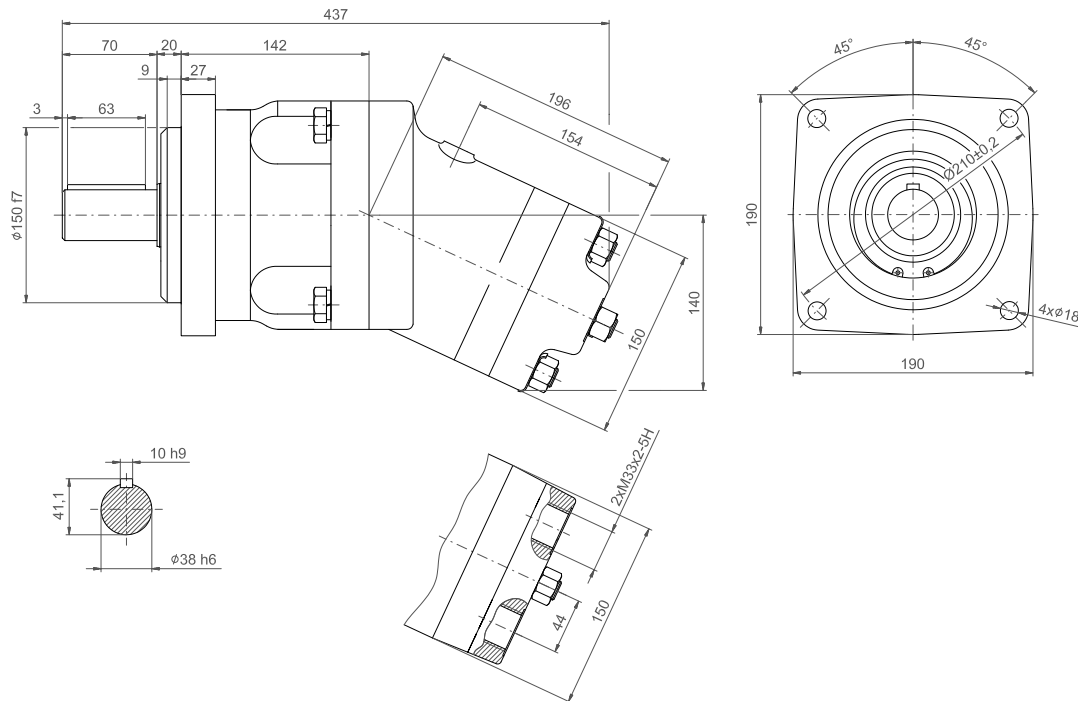
Technical data

Parameter	Size	Unit
displacement	105	$m^3 \cdot 10^{-6}$
nominal pressure	20	MPa
maximum pressure	25	MPa
pressure of peak	28	MPa
permissible case pressure	50	kPa
specific torque	16,7	Nm. MPa ⁻¹
moment of inertia at drive axis	15,8	kg.m ² .10 ³
nominal speed	25	s ⁻¹
maximum speed	50	s ⁻¹
nominal torque	332	Nm
maximum torque	403	Nm
mass	37	kg

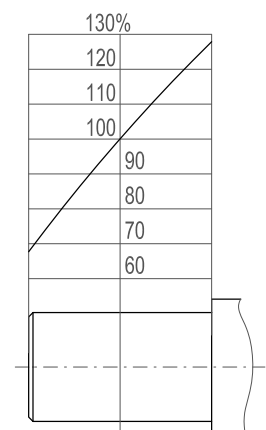
Pressure fluids:

Hydraulic mineral oils viscosity classes ISO VG 32, 46, 68
 - HM, ISO-L-HM to ISO 6743), HLP to DIN 51524-2
 - HV, ISO-L-HV to ISO 6743), HVLP to DIN 51524-3

Dimensioned sketch



Maximum radial load acting at the half of the shaft end length at pressure of 20 MPa.



Maximum radial load in case of force acting in other position than half of the shaft end length.

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