

Figurer till Projekt

Vibration damping

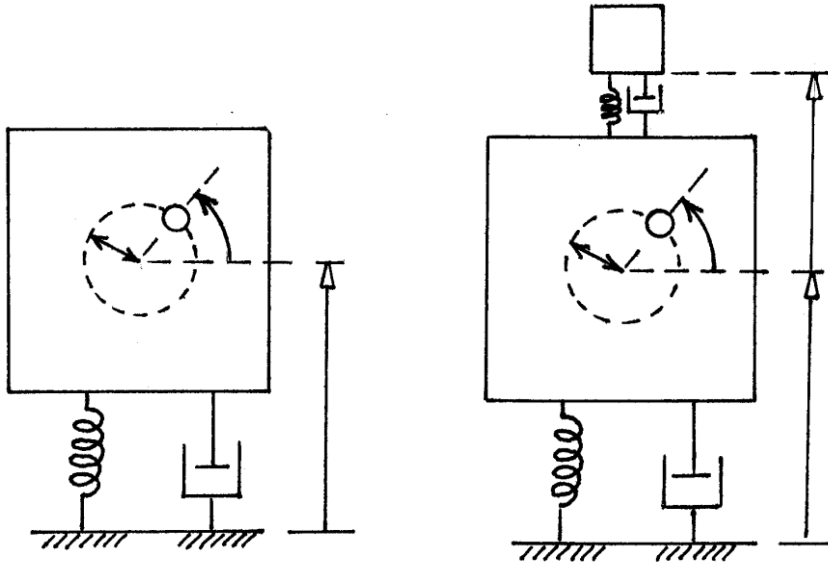


Table 1: Basic data

Parameter	Symbol	Unit	Numerical value
Machine mass	$m = m_h + m_r$	kg	100
Foundation spring constant	k	N/m	-- (Team specific)*
Foundation damping constant	c	Ns/m	3000
Rotor mass	m_r	kg	10
Rotor mass eccentricity	e	m	0.2
Rotor velocity	N	Rpm**	-- (Team specific)*
Absorber mass	m_a	kg	-
Absorber spring constant	κ	N/m	-
Absorber damping constant	η	Ns/m	-

*See **Appendix 2** at the back of this specification. ** Revolutions per minute.