$v_{\min}$: `min_linear`

$v_{\max}$: `max_linear`

$\omega_{\mathrm{abs}}(v_{\min})$: `absolute_angular_at_min_linear`

$\omega_{\mathrm{abs}}(0)$: `absolute_angular_at_zero_linear`

$\omega_{\mathrm{abs}}(v_{\max})$: `absolute_angular_at_max_linear`