

*Piston Valve*

$g$

$g$

*Nonmagnetic sleeve*

$\mu = \infty$

$g \ll w$

$\mu = \infty$

1

$2w$

$H_1$

$x$

$H_2$

$w$

$N - \text{turns}$

$R_c$

$i_c(t)$

$u_c(t)$

