

# Specific speed $N_s$

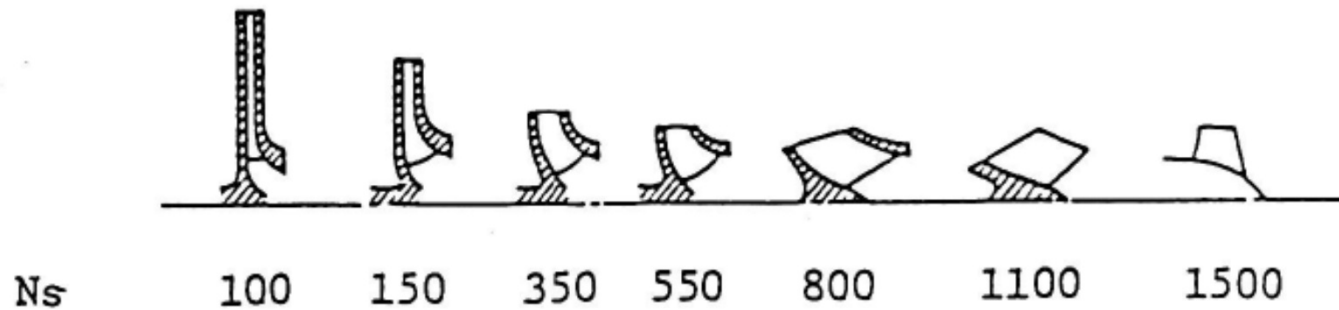
$$N_s = \frac{N \sqrt{Q}}{H^{\frac{3}{4}}}$$

where  $N_s$  : specific speed

$N$  : speed ( $\text{min}^{-1}$ )

$Q$  : capacity ( $\text{m}^3/\text{min}$ ) (for double suction pumps,  $Q/2$  is used.)

$H$  : total head (m) (for multi-stage pumps,  $H$  per stage is used.)



$N_s$	100	500	1000	1500	2000
Pump type	Radial flow		Mixed flow		Axial flow