tipi di servizio

types of service

Si possono distinguere due gruppi di servizio:
Two groups of duty tyoes may be distinguished:

- S1 = SERVIZIO CONTINUO
- *S1 = Continuous duty*
- S2÷S9 = SERVIZIO INTERMITTENTE
- *S2÷S9 = non continuous duty*

N = Tempo di funzionamento a carico costante
Steady load operating time

R = Tempo di riposo
Stand by time

D = Tempo di avviamento o di accelerazione
Starting and accelerating time

F = Tempo di frenatura elettrica
Electric braking time

V = Tempo di funzionamento a vuoto
No-load operating time

F_1 F_2 = Tempo di frenata
Braking time

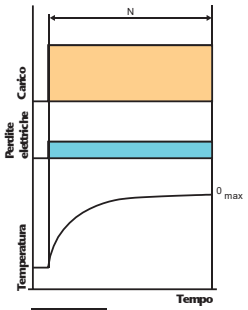
N_1 N_2 N_3 = Tempo di funzionamento a carico costante
Steady load operating time

Θ_{max} = Temperatura massima raggiunta durante il ciclo
Maximum temperature achieved during the cycle

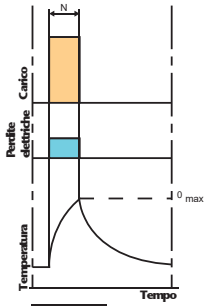
L = Tempo di funzionamento a carichi variabili
Operating time with variable loads

C_p = Pieno carico
Full load

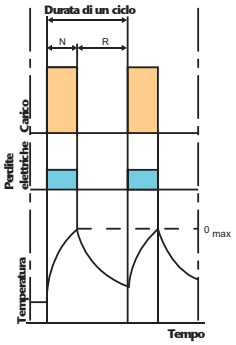
S = Tempo di funzionamento in sovraccarico
Overload operating time



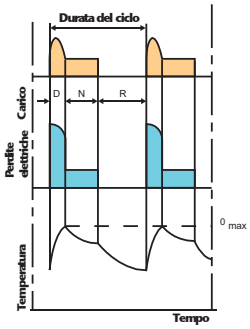
S1



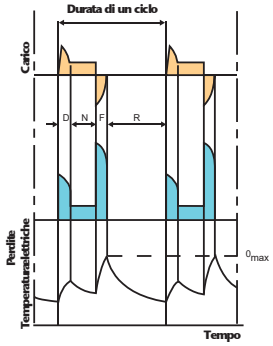
S2



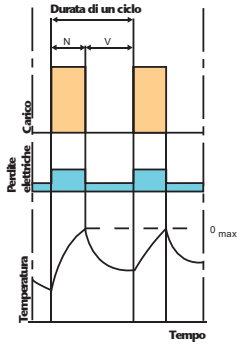
S3 Rapporto di intermittenza $\frac{N}{N+R}$ X 100%



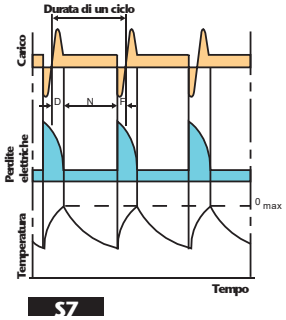
S4 Rapporto di intermittenza di un ciclo $\frac{D+N}{D+N+R}$ X 100%



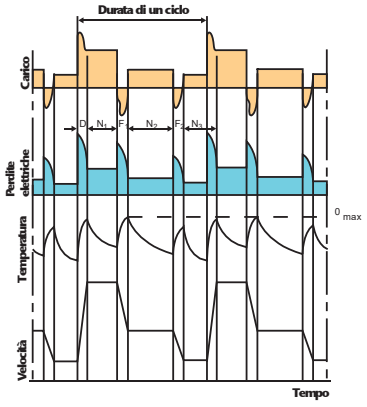
S5 Rapporto di intermittenza $\frac{D+N+F}{D+N+F+R}$ X 100%



S6 Rapporto di intermittenza $\frac{N}{N+V}$ X 100%



S7

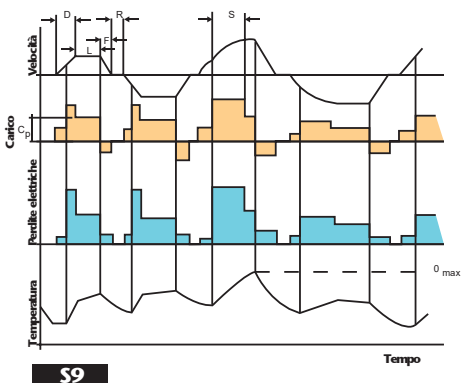


S8 Rapporti di intermittenza

$\frac{D+N_1}{D+N_1+F_1+N_2+F_2+N_3}$ X 100%

$\frac{F_1+N_2}{D+N_1+F_1+N_2+F_2+N_3}$ X 100%

$\frac{F_2+N_3}{D+N_1+F_1+N_2+F_2+N_3}$ X 100%



S9