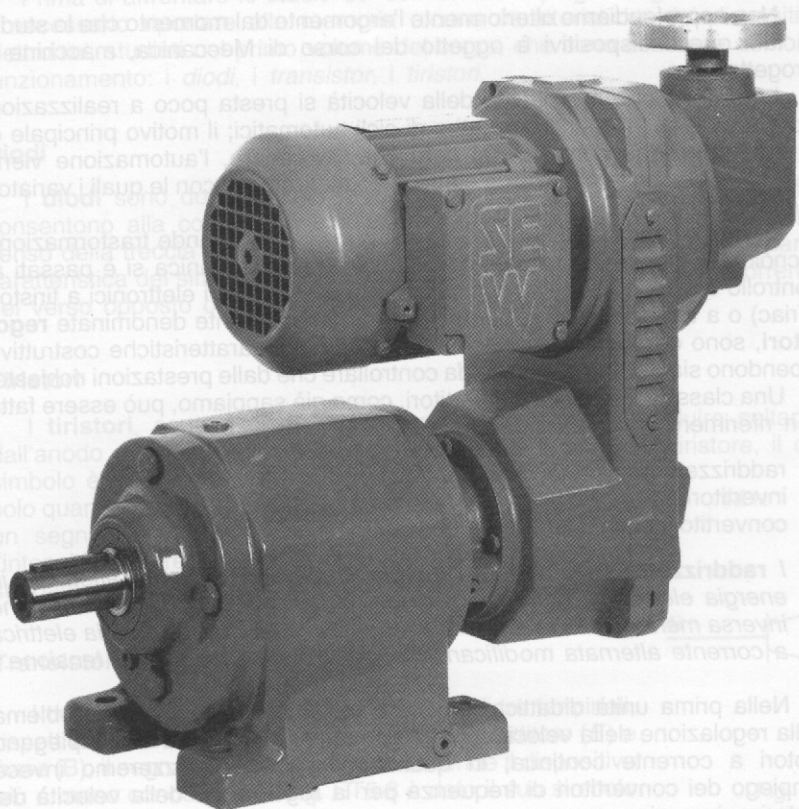


illustrato un motovariatore *Varimot* a frizione della SEW EURODRIVE accoppiato ad un riduttore ad ingranaggi cilindrici; in Fig. ET5.4 è invece presentato un motovariatore *Varibloc* a cinghia della stessa SEW EURODRIVE; in Fig. ET5.5 si può osservare la sezione di un motovariatore elettromagnetico MTV della MINIMOTOR.



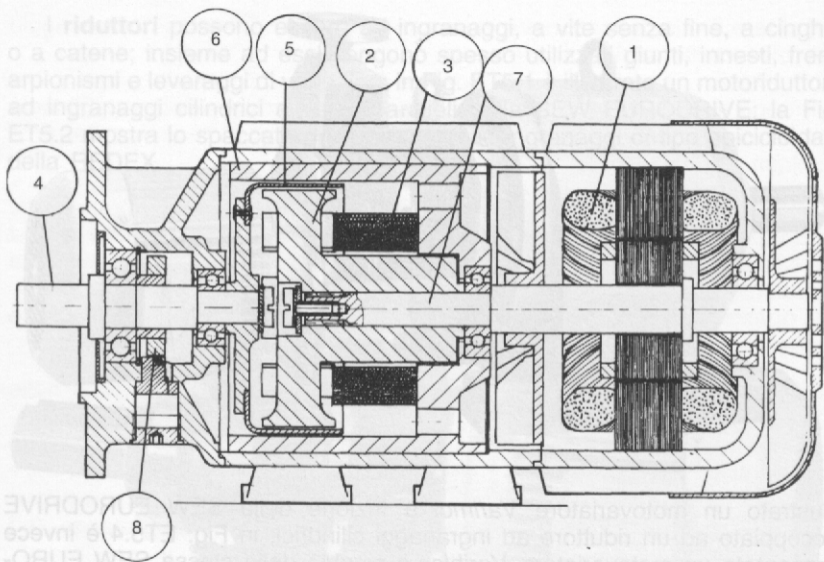




Fig. ET5.6 - Simbolo normalizzato del diodo.

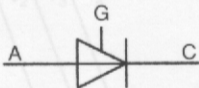


Fig. ET5.7 - Simbolo normalizzato del tiristore.

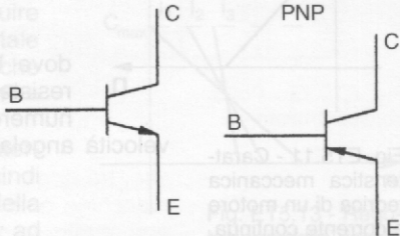


Fig. ET5.8 - Simboli normalizzati dei transistor NPN e PNP.

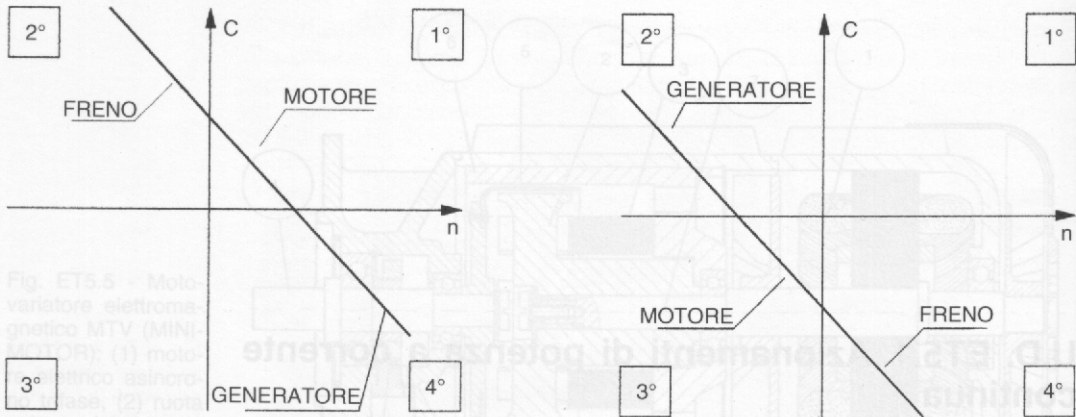


Fig. ET5.5 - Moto-
 variatore elettroma-
 gnetico MTV (MINI-
 MOTOR); (1) moto-
 tori (2) motore
 asincrono (3) poli
 polare (4) coppia

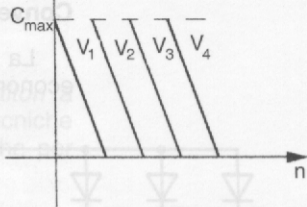


Fig. ET5.12 - Regolazione della velocità a coppia costante.

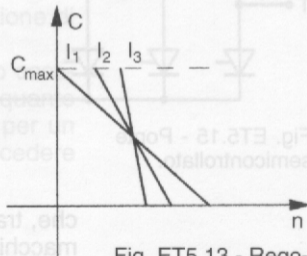
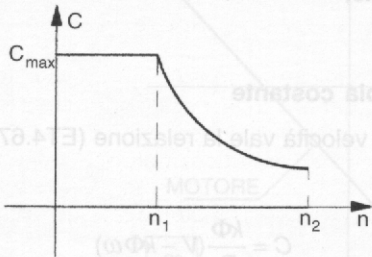
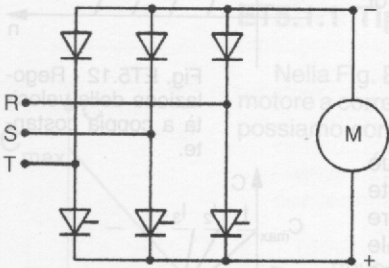
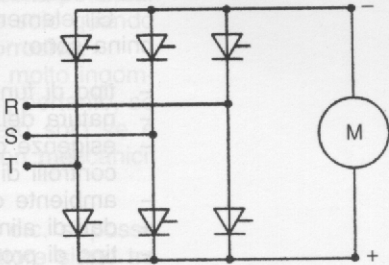
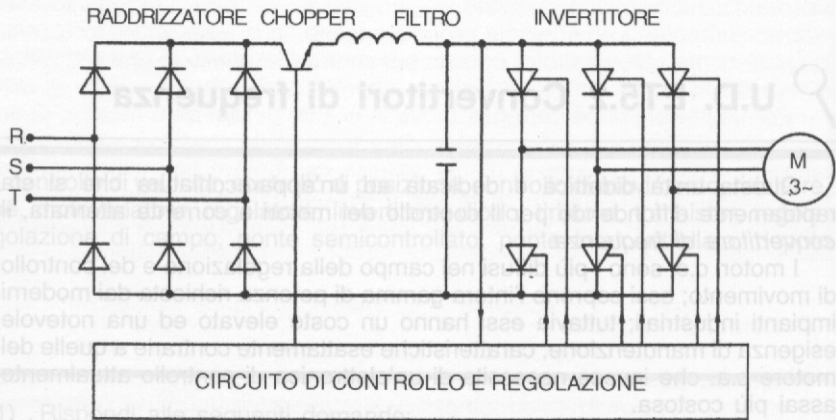


Fig. ET5.13 - Regolazione della velocità a potenza costante.





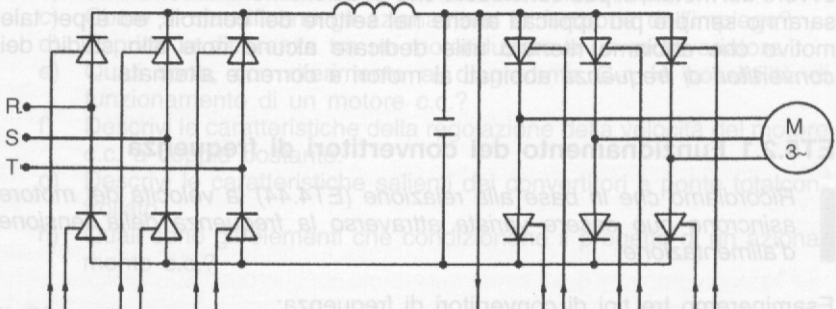




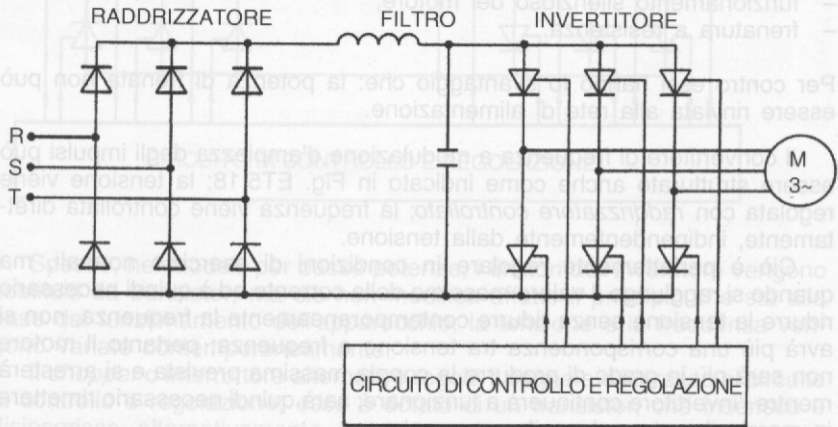
RADDRIZZATORE CONTROLLATO

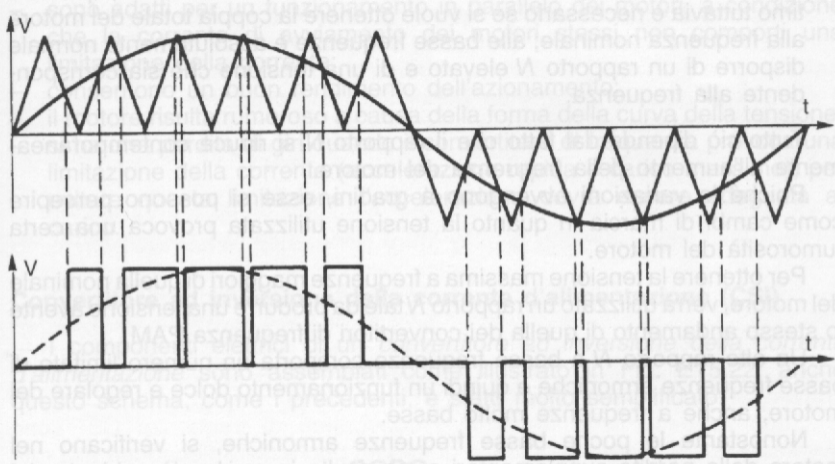
FILTRO

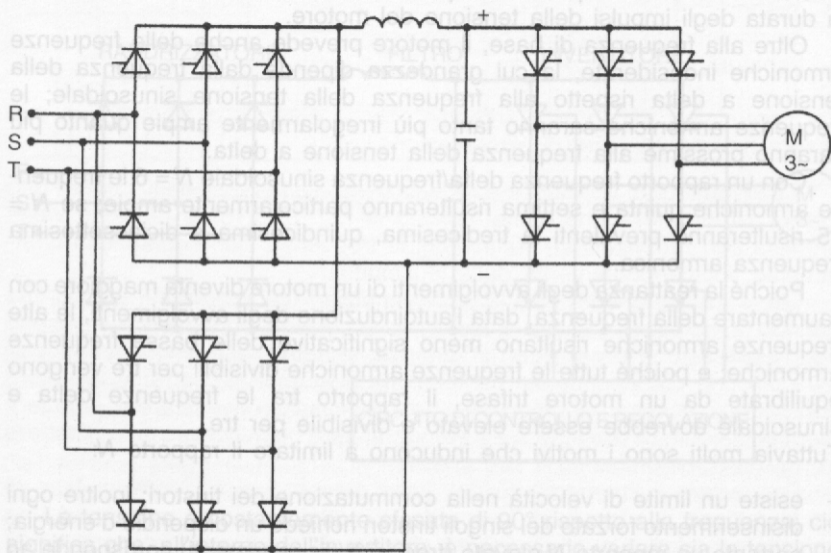
INVERTITORE



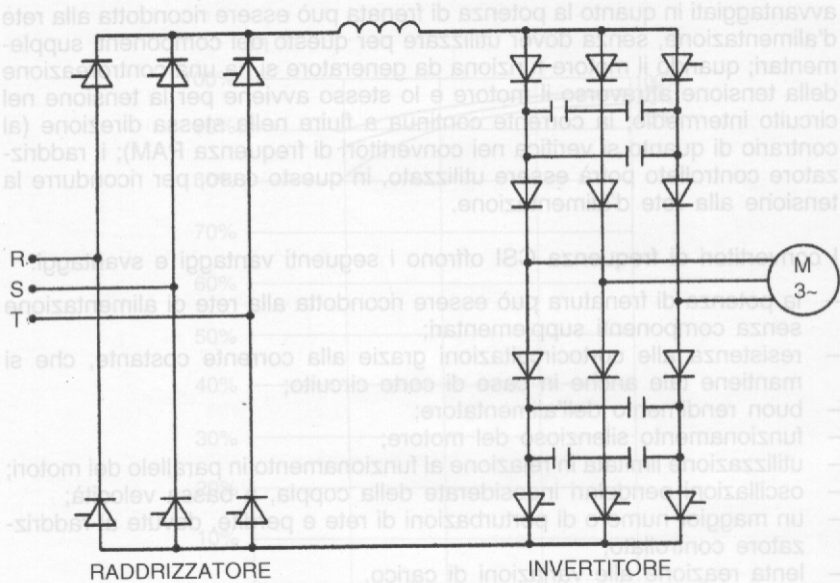
CIRCUITO DI CONTROLLO E REGOLAZIONE

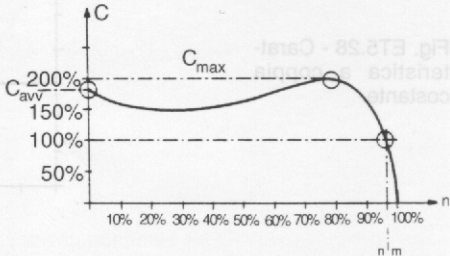






PONTE ANTIPARALLELO DI FRENATURA





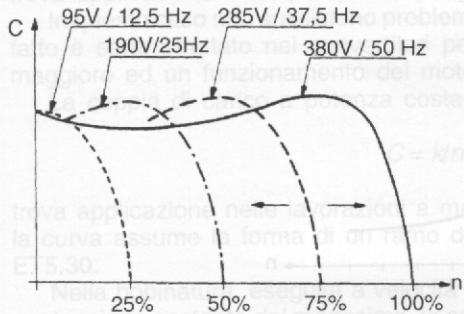


Fig. ET5.26 - Caratteristica meccanica al variare della frequenza.

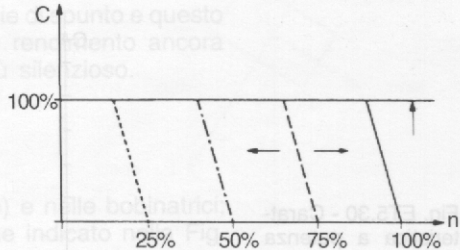
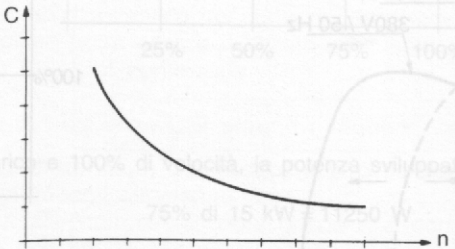
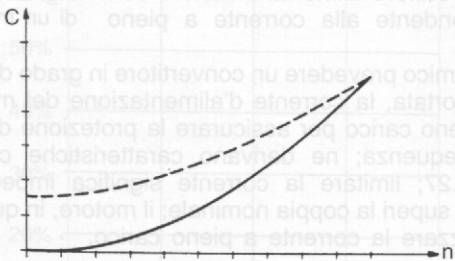
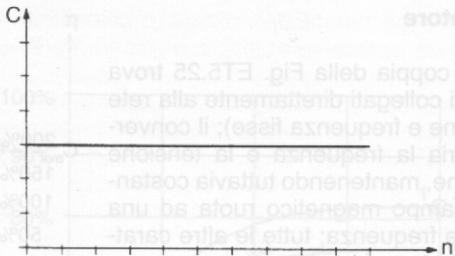
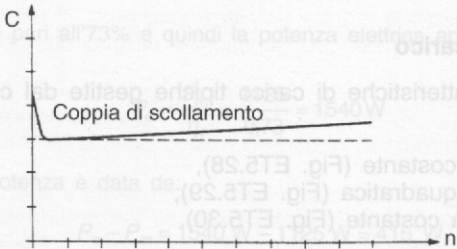
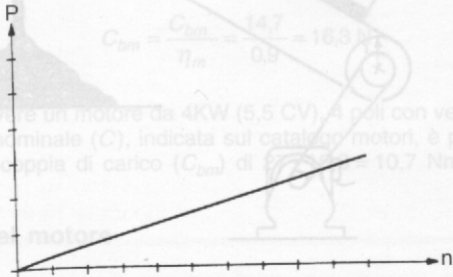


Fig. ET5.27 - Caratteristica meccanica in fase di limitazione della corrente.





$$P_m = kn$$



$$C_{dm} = \frac{C_{dm}}{\eta_m} = \frac{14,7}{0,9} = 16,3 \text{ Nm}$$

to di avere un motore da 4KW (5,5 CV), 4 poli con velocità
coppia nominale (C), indicata sul catalogo motori, è pari a
era la coppia di carico (C_{dm}) di $10,7 \text{ Nm}$.