

A 3 thase, 50 Hz, 4 pole, 415 V, 50 dhp squittent cage in duction machine develops rated to same at 3% slip and maximum too and at 12% slip. This is do ven by at 12% slip. This is do ven by a morent fed induction motors and se promote the shematic Jove I row a the shematic of such a system that uses Thyristor as the switching derices Find the firing stangle of, and of of the good of oil and machine side converters respectively when the machine is ourning at 705 of m and, the statoo enopy frequency is 25 Hz. Note that the world If the worth source invertes the same level as in the rated condition. Current Source Investes

Voltage Soutle

Investes

800V Leading of load Current Source In-16 ter-(Thyristor) Current source invertes > leading off => (Load commutation) > NO enternal commutation circuit Lagging of -> (tooled commutation (L) ASCI -Investes -Putting Catacitios
at the load town and so that the
load spears to be a leading load
to the invietes arosent Socioce in vector to Synchronism.



