ATUL SHROTRIYA

Sengine Te Transmission F Load (1001812437) v=GSe To max power F= Br+mi F=1 Te F=mxq=1Tc=Bv+mv=TeSe P = F x v = Te Se. Therefore P x Tc&Se Since drag race has a fixed distance, Work done = Fxd From comparing the above formulae it seems that maximum occeleration is available near maximum power range. However, this is improctical. When actual gear ratios are inflomented with gear & other covering losses involved) it be comes affarent that for max acceleration, gear should be stifted when the next gear can provide more tarque. That is near the red line (i.e., after max power rouge). (on be observed in any race.