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ThreeIV. -phase Induction Machines Dr. Suad Ibrahim Shahl . 22 .  
3. Generating,  $n. m > n. s.$  indicates that if the power converted is negative, so is the air gap power. In this case, power flows from the mechanical system, to the rotor circuit, then across the air gap to the stator circuit and external electrical system. ,  $s < 0$

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running, is the “offset stack” design C, as shown in Figure 1-1. Water may still enter the system with straight stack design A. Provide a means to drain water from the fan housing. • Location and Structural Considerations. Refer to ASHRAE (American Society of Heating, Refrigeration and Air Conditioning Engineers) Handbook,

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bar resistance and slot leakage inductance. (Ref. [1] Boldea)  $K_R$  and  $K_X$  depend on the shape and size of the rotor slot, the conductor material and the rotor current frequency. Typically  $K_R$  is in the range of 1 to ...

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