

Types S and SA Motors

Direct Current

Constant, Varying and Adjustable Speed

Of the many services performed for mankind by electricity, probably none has had a greater influence on modern progress than the supply of an efficient, reliable, and convenient source of power. For industrial applications of almost every description, the electric motor so far surpasses all other forms of power that its field of usefulness is rapidly broadening. The advantages of electric motor drive have been demonstrated by a great variety of successful installations; and the enthusiastic commendation of this form of power by those who have adopted it is the strongest possible reason for still further extending its use. Wherever power is required in large or small quantities the electric motor is applicable.

Westinghouse type S and type SA direct current motors were designed and built especially for general power purposes, and they have stood the tests of practical service, as is proved by their steadily increasing use. Type S motors are adapted for **constant speed service** and for **adjustable speed service** within moderate ratios—1 to 1½ or 1 to 2; type SA motors have auxiliary commutating poles and are adapted for speed adjustments within the ratios of 1 to 3 or 1 to 4. The efficiency and durability of these motors, their reliability under the most severe service conditions, their great overload capacity, and low operating temperature are some of the reasons for their very extensive use. A considerable stock of both types in standard capacities is always available for immediate shipment and orders can be promptly filled.

Type S Motors

Capacities and Types. Standard type S constant speed motors are made for the following outputs:

- From 2 to 75 horse-power, 110, 220, 440, 550, 660, 770, 880, 1100 volts
- From 2 to 150 horse-power, 110, 220, 440, 550, 660, 770, 880, 1100 volts
- From 2 to 150 horse-power, 220, 440, 550, 660, 770, 880, 1100 volts
- From 6 to 100 horse-power, 220, 440, 550, 660, 770, 880, 1100 volts