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**TITLE : PERMISSIBLE CABLE SIZE FOR SPDP WOUND ROTOR MOTORS**

**I. FOR STATOR**

**(a) FOR STATOR (SINGLE RUN CABLE RATED CURRENT UPTO 275 amps):-**

FRAME	CABLE SIZE IN Sq. mm 1 RUNS	CONDUIT HOLE SIZE IN mm ONE HOLE	TERMINAL STUD SIZE
315	3C x 240	63.5 (2½" BSC)	M16

**b) FOR STATOR (2 RUNS CABLE FOR RATED CURRENT 275 amps AND ABOVE)**

FRAME	CABLE SIZE IN Sq. mm 2 RUNS	CONDUIT HOLE SIZE IN mm 2 HOLES	TERMINAL STUD SIZE
315	3C x 240	63.5 (2½" BSC)	M16

**II. FOR ROTOR**

**(a) FOR ROTOR (SINGLE RUN CABLE RATED CURRENT UPTO 275 amps):-**

FRAME	CABLE SIZE IN Sq. mm 1 RUNS	CONDUIT HOLE SIZE IN mm ONE HOLE	TERMINAL STUD SIZE
315	3C x 240	63.5 (2½" BSC)	M16

**b) FOR ROTOR :- (2 RUNS CABLE FOR RATED CURRENT 275 amps AND ABOVE)**

FRAME	CABLE SIZE IN Sq. mm 2 RUNS	CONDUIT HOLE SIZE IN mm 2 HOLES	TERMINAL STUD SIZE
315	3C x 185	52 (2" BSC)	M16

**NOTE:**

1. THE CABLE SIZE GIVEN ABOVE ARE ALUMINIUM CONDUCTOR, PVC INSULATED, FLAT STRIP ARMoured OVER ALL SHEATHED, 3 CORE CABLE AS PER IS:1554(PART-1)
2. CONDUIT HOLES ARE AS PER IS: 1653.
3. ROTOR CABLE TO BE TERMINALTED THROUGH ROTOR TERMINAL BOX.
4. FOR HIGHER CABLE SIZE REFER ENGINEERING DEPARTMENT.

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