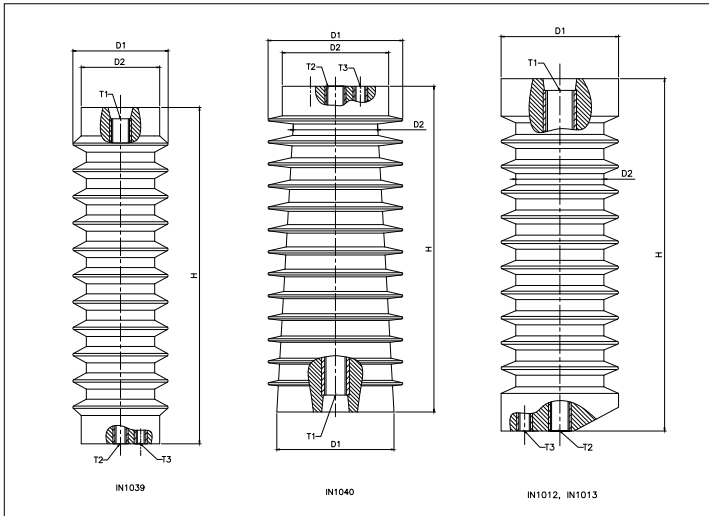


# 33 KV EPOXY INSULATORS



| DIMENSIONAL DATA  |           |         |       |     |        |    |        |    |        |    |
|-------------------|-----------|---------|-------|-----|--------|----|--------|----|--------|----|
| ITEM NAME         | ITEM CODE | D1      | D2    | H   | INSERT |    | INSERT |    | INSERT |    |
|                   |           |         |       |     | T1     | L1 | T2     | L2 | T3     | L3 |
| SIGC 30           | IN1012    | 100     | 78    | 300 | M20    | 40 | M16    | 32 | M10    | 20 |
| SIGC 33           | IN1013    | 115     |       | 330 |        |    |        |    |        |    |
| KEC 33KV          | IN1039    | 85      | 70    | 300 | M16    | 32 | M10    | 24 | M8     | 16 |
| INSULATOR 124X320 | IN1040    | 124/108 | 98/85 | 320 | M20    | 35 | M16    | 32 | M10    | 20 |

| MECHANICAL CHARACTERISTICS |           |          |                             |                          |                        |                            |
|----------------------------|-----------|----------|-----------------------------|--------------------------|------------------------|----------------------------|
| ITEM NAME                  | ITEM CODE | CREEPAGE | LOAD DISTANCE FROM THE FACE | CANTILIVER BREAKING LOAD | TENSILE WITHSTAND LOAD | COMPRESSION WITHSTAND LOAD |
| SIGC 30                    | IN1012    | 490      | 40                          | > 1000                   | > 2000                 | > 10000                    |
| SIGC 33                    | IN1013    | 520      | 40                          | > 1000                   | > 2000                 | > 10000                    |
| KEC 33KV                   | IN1039    | 450      | 40                          | > 1000                   | > 2000                 | > 10000                    |
| INSULATOR 124X320          | IN1040    | 590      | 40                          | > 1000                   | > 2000                 | > 10000                    |

| ELECTRICAL CHARACTERISTICS            |                    |
|---------------------------------------|--------------------|
| DRY POWER FREQUENCY WITHSTAND VOLTAGE | 70 KV FOR 1 MINUTE |
| DRY FLASH OVER                        | > 100 KV           |
| IMPULSE WITHSTAND VOLTAGE             | 170 KVP            |