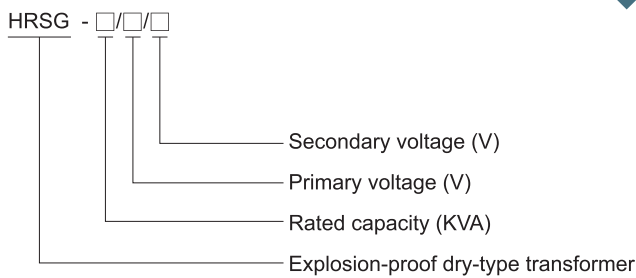




- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Zone 1, Group B, C, D
- ◆ Flameproof enclosure (Ex d IIB+H2)
- ◆ Enclosure: carbon steel, stainless steel
- ◆ Built-in dry-type transformer can be used for step-up and step-down in distribution system
- ◆ Six type of rated capacity: 5KVA, 15KVA, 30KVA, 45KVA, 60KVA, 75KVA.
- ◆ Equipped with specialized hinge structure, which can prevent the flameproof joints from damage when opening and closing the box, and greatly prolong the service life of box.
- ◆ Special requirements on request.

■ Catalogue number logic



Selection table

| Version/ Ordering code | Rated capacity (KVA) | Weight (kg) | Version/ Ordering code | Rated capacity (KVA) | Weight (kg) |
|---------------------------|-------------------------|-------------|---------------------------|-------------------------|-------------|
| HRSG-5/□/□ | 5 | 250.00 | HRSG-15/□/□ | 15 | 300.00 |
| HRSG-30/□/□ | 30 | 590.00 | HRSG-45/□/□ | 45 | 640.00 |
| HRSG-60/□/□ | 60 | 860.00 | HRSG-75/□/□ | 75 | 920.00 |

Note: 1. Please specify the primary voltage and secondary voltage etc. in accordance with the Catalogue number logic.
2. Entry size, entry direction enclosure material etc. on request.

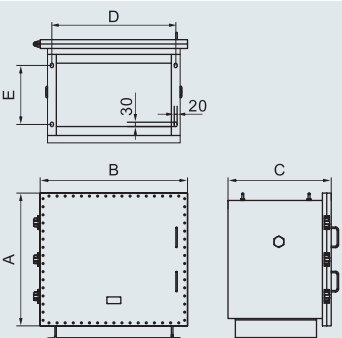
Zones 1 & 2; 21 & 22

Transformers

HRSG Explosion-proof dry-type transformer

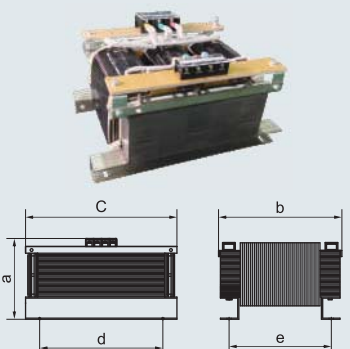
| Technical data | |
|--|---|
| Explosion-proof dry-type transformer HRSG-□/□/□ | |
| Explosion protection | |
| Gas explosion protection | ⊕ II2 G Ex db IIB+H2 T4 Gb |
| Dust explosion protection | ⊕ II2 D Ex tb IIIC 130°C Db IP66 |
| Certificates | ATEX and IECEx (applied for) |
| Conformity to standards | EN 60079-0, EN 60079-1, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-31 |
| Enclosure material | Carbon steel, powder coated surface, window grey (RAL7040), or stainless steel |
| Exposed fastener | Stainless steel |
| Built-in components | Dry-type transformer |
| Rated capacity | 5KVA, 15KVA, 30KVA, 45KVA, 60KVA, 75KVA |
| Primary voltage | 660V/480V/440V/415V/400V/380V/277V AC 50/60Hz |
| Secondary voltage | 400V/277V/250V/240V/230V/220V/208V/120V/110V AC 50/60Hz |
| Degree of protection | IP66 |
| Ambient temperature | -40°C~+60°C |
| Cable entries | Standard M□ x 1.5 plug (the size of entry hole should be processed in accordance with actual requirements), NPT thread can be customized. |
| Cable gland (optional) | DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~27. |
| Entry direction | Left inlet right outlet |
| Mounting | Pedestal type |

Dimension drawings

|  | Version | Size (mm) | | | | |
|---|-------------|-----------|-----|-----|-----|-----|
| | | A | B | C | D | E |
| | HRSG-5-□/□ | 680 | 680 | 640 | 520 | 340 |
| | HRSG-15-□/□ | | | | | |
| | HRSG-30-□/□ | 780 | 840 | 780 | 680 | 480 |
| | HRSG-45-□/□ | | | | | |
| | HRSG-60-□/□ | 920 | 990 | 900 | 930 | 600 |
| | HRSG-75-□/□ | | | | | |



Selection table of transformer

|  | Version | Size (mm) | | | | | Weight (kg) |
|---|---------|-----------|-----|-----|-----|-----|-------------|
| | | a | b | c | d | e | |
| | 5KVA | 230 | 330 | 360 | 260 | 240 | 55.00 |
| | 15KVA | 280 | 330 | 360 | 260 | 240 | 110.00 |
| | 35KVA | 290 | 380 | 440 | 300 | 280 | 200.00 |
| | 45KVA | 320 | 440 | 500 | 340 | 320 | 250.00 |
| | 60KVA | 370 | 490 | 560 | 380 | 360 | 300.00 |
| | 75KVA | 420 | 540 | 620 | 420 | 400 | 350.00 |