

CLASSIFICATION

ROTARY VALVES ZSS-CK FOR COAL DUST

EQUIPMENT GROUP II
Equipment for use in the usual areas (except mining) that may be at risk due to an explosive atmosphere.

scheuch COMPONENTS	
Bezeichnung / Type Specification / Type	zss 0400-ck-25
Fabr. Nr. / Baujahr Serial number / Year	AT-12345678-99/23
Klassifizierung Classification	Ex II D III 1/3 D Ex h III C T135°C Da/Dc
Zertifikat Nr. Certification no.	FSA 21 ATEX 1714 X
Zone Zone	EN 1127-1 innen inside 20 außen outside 22
max. Oberflächentemperatur max. surface temperature	135°C
Scheuch COMPONENTS GmbH A-4971 Auroldmünster, AUSTRIA 0588 UK EAC CE AT-80033970	



II

1/3

D

Ex

h

III C

T135 °C

Da/Dc

FSA 21 ATEX 1714 X

- Designated certification body
- Year of test
- Test number



TYPE OF EXPLOSIVE ATMOSPHERE
D = dust-air mixtures (dust)

TYPES OF IGNITION PROTECTION FOR NON-ELECTRICAL EQUIPMENT IN EXPLOSIVE ATMOSPHERES	SYMBOL	STANDARD
Constructional safety "c"	h	EN ISO 80079-37
Control of ignition sources "b"	h	EN ISO 80079-37
Liquid immersion "k"	h	EN ISO 80079-37

EXPLOSIVE DUST ATMOSPHERES
Specification of maximum surface temperature e.g. T135 °C.

TYPE OF IGNITION PROTECTION
The "Ex" symbol indicates that the equipment benefits from one or more types of ignition protection.

EQUIPMENT PROTECTION LEVEL (EPL)
EPL "Da": equipment with a very high level of protection (corresponds to category 1D)
EPL "Db": equipment with a high level of protection (corresponds to category 2D)
EPL "Dc": equipment with an enhanced level of protection (corresponds to category 3D)

- EQUIPMENT CATEGORY 1 (INSIDE)**
Very high level of safety – use possible in zone 20, 21, 22
- EQUIPMENT CATEGORY 2**
High level of safety – use possible in zone 21, 22
- EQUIPMENT CATEGORY 3 (OUTSIDE)**
Normal level of safety – use possible in zone 22

EXPLOSIVE DUST ATMOSPHERES
IIIA: flammable aerosols
IIIB: non-conductive dust
IIIC: conductive dust

