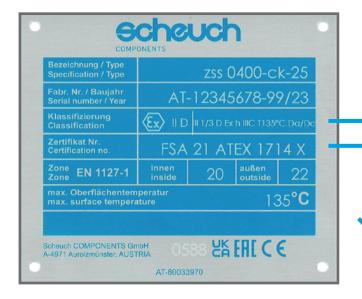
CLASSIFICATION

ROTARY VALVES ZSS-CK FOR COAL DUST





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





Year of test

Test number



FSA 21 ATEX 1714 X

Designated certification body





TYPE OF **EXPLOSIVE**

ATMOSPHERE

mixtures (dust)

D = dust-air







TYPE OF IGNITION PROTECTION

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

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

TYPES OF IGNITION PROTECTION FOR NON-ELECTRICAL SYMBOL **EQUIPMENT IN EXPLOSIVE ATMOSPHERES**

Constructional safety "c" Control of ignition sources "b" Liquid immersion "k"

STANDARD

(h = protection class)

EN ISO 80079-37 h EN ISO 80079-37 h

h EN ISO 80079-37

EXPLOSIVE DUST ATMOSPHERES

Specification of maximum surface temperature e.g. T135 °C.

T135 °C Da/Dc



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)

EXPLOSIVE DUST ATMOSPHERES

IIIA: flammable aerosols IIIB: non-conductive dust IIIC: conductive dust





office@scheuch-components.com



