

Overview on possible designs of explosion proof fans

fan	Zone 2		Zone 1		
	II 3G c IIB T3 X		II 2G c IIB T3 X	II 2G c IIB T4 X	II 2G c IIB+H2 T3 X
motor	II 3G Ex nA IIC T3		II 2G Ex e IIC T3	II 2G Ex de IIC T4	II 2G Ex e IIC T3
motor alternative 1	II 2G Ex e IIC T3		II 2G Ex de IIC T4**		II 2G Ex de IIC T4**
motor alternative 2	II 2G Ex de IIC T4**				
					Alu-Alu
DQ/DR	yes		NO	NO	NO
DRAD	yes		NO	NO	NO
EPND	yes		NO	NO	NO
Rohrv.	yes		NO	NO	NO
EKAD	yes		yes	NO	NO
DH/DV	yes		yes	NO	NO
DVWN	see zone 1		yes	yes	on request
ERAD	yes		yes	NO	NO
EHAD	yes		yes	NO	on request
ERND	see zone 1		yes	yes	NO
EHND	see zone 1		yes	yes	on request
DKH_	yes		yes	NO	on request
AND* / ANDB*	see zone 1		yes, max. 15kW	yes, max. 15kW	on request, max. 15kW
DKN_	see zone 1		yes	yes	on request
HRES / HRZS	yes		on request, max. 11kW	NO	NO
TRE / TRZ	yes		on request, max. 11kW	NO	NO

* beware of power reduction of -15%pressure and -5% air volume

** Ex de only with IEC standard motors