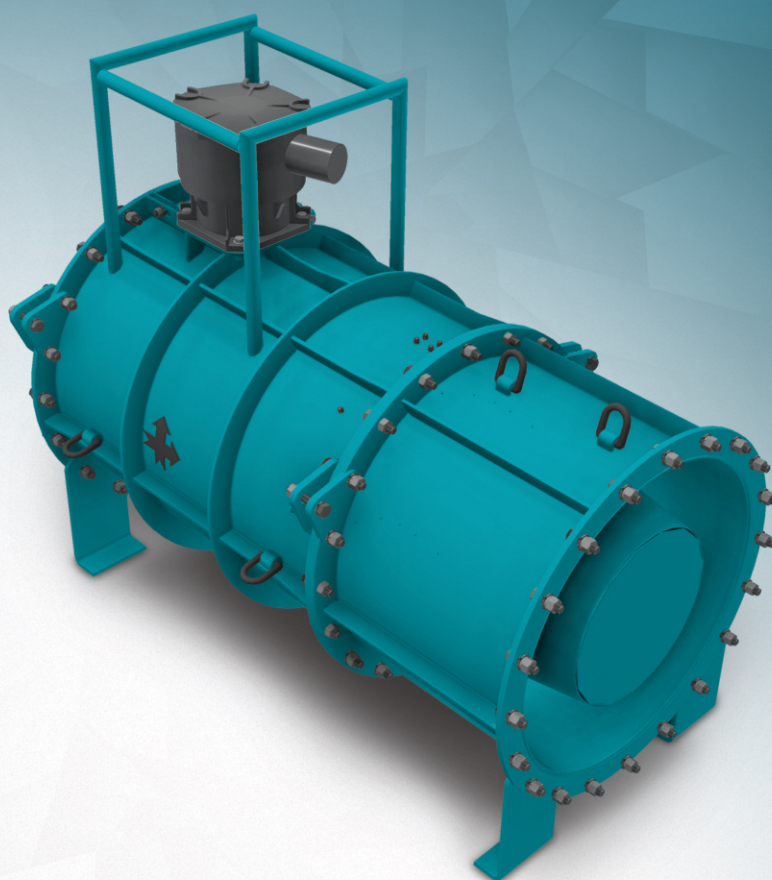




# WL SIGMA 650

AXIAL FLOW FAN



Axial flow fan WL-SIGMA 650 is designed for independent/separate ventilation of mining excavations (e.g. in coal mines, copper mines). Axial flow fan WL-SIGMA 650 can operate as forcing fan, also as exhaust fan in auxiliary dedusting air-ducts or as forcing fan in auxiliary cooling air-ducts.

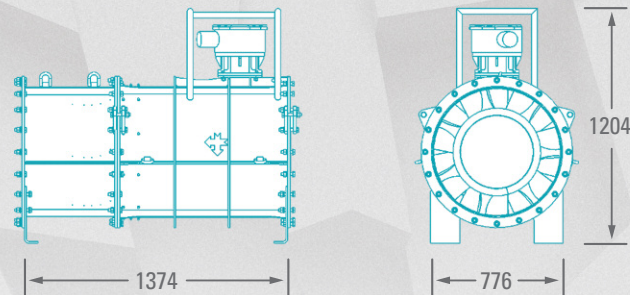
Axial flow fan WL-SIGMA 650 can be applied in underground mining methane and non-methane excavations, considered as level "a", "b" and "c" area exposed to danger of methane explosion, as well as grade "A" and "B" danger of coal dust explosion. Axial flow fan has been classified as Group I, category M2 due to its application in areas exposed to danger of explosion (according to directive 2014/34/UE).



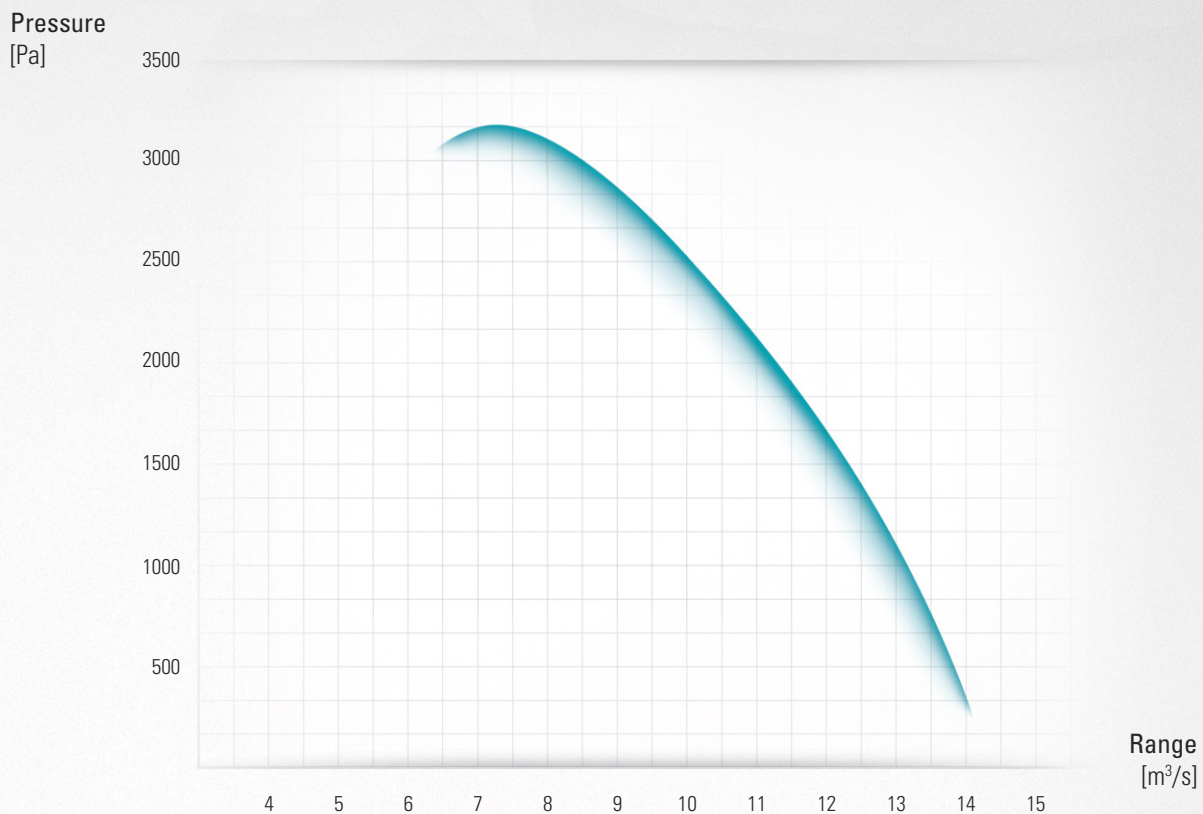
## WL-SIGMA 650

AXIAL FLOW FAN

### DIAGRAM



### CHARACTERISTICS



### TECHNICAL CHARACTERISTICS

NOMINAL VOLUMETRIC FLOW [m³/s]	8.8 (530 m³/min)	WHIRLING ARM'S SPEED [rpm]	2954
NOMINAL PRESSURE INCREASE [Pa]	2970	FAN DIAMETER [mm]	650
MOTOR POWER [kW]	37	WORKPLACE TEMPERATURE [°C]	up to 40