CENTRIFUGAL SINGLE INLET FANS

CXRT Series, F400-120 Rated Fans

CXRT/8-560-0,37KW RD000 *230/400V 50HZ*

Range of single inlet direct driven centrifugal fans designed for smoke extraction in fire conditions and certified F400-120 (CE marked) and suitable for the continuous extraction of air stream up to 120ºC.
The CXRT range is supplied with galvanized steel plate housing mounted with Pittsburg system.
Welded backward curved centrifugal impellers protected by epoxy paint.

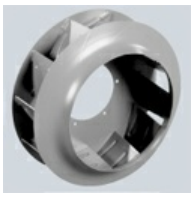
Motors
All motors are IP55, Class F.
2, 4, 6 or 8 pole, depending on version.
2 speed models (2/4, 4/6, 4/8, 6/8 and 6/12).
Electrical supply:
Three phase 230/ 400V-50Hz up to 3 kW.
400V-50Hz for higher motor powers and 2 speed motors.
(See characteristics chart).

Additional information
The scroll can be orientated in 3 different positions as per the table below.
Standard supplied position: RD0.

On request:
Fan supplied in LG positions.
Versions protected against corrosion by epoxy paint coating.
Fan fitted with 2-speed motor.

+ Attributes

Watertight scroll
Range of fans supplied as standard with housing mounted with the Pittsburgh system ensuring water tightness

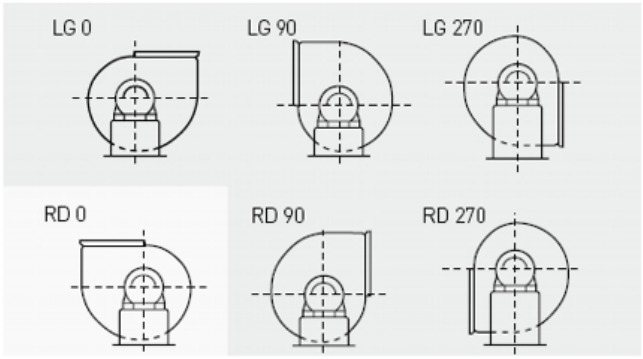


Welded impeller, dynamically balanced
Backward curved centrifugal impellers, protected with epoxy paint coating and dynamically balanced, according to ISO 1940 standard, providing vibration free operation

+ Acoustic characteristics

+ Technical characteristics

+ Orientation



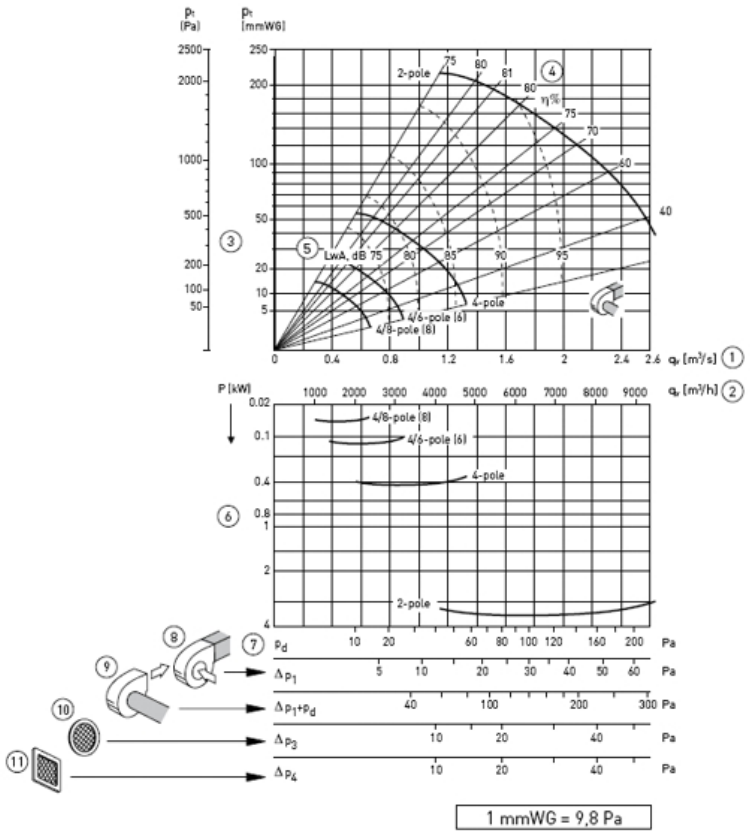
Standard supplied position: RD 0. Special versions are supplied under request.

+ Dimensions

+ Curve - Example of selection

Performance curves are applicable for airflows whose density is 1,2 kg/m³.

(1) = Airflow in m³/s
(2) = Airflow in m³/h
(3) = Total pressure in Pa and in mmWG
(4) = Fan performance η, %
(5) = Sound power level in LwA
(6) = Motor power absorbed at the fans shaft P(kW)
(7) = Dynamic pressure at the discharge side Pd
(8) = Resistance at free inlet, Δp1
(9) = Resistance at free discharge, Δp2 + pd
(10) = Resistance at inlet guard/protection guard, Δp3
(11) = Resistance at inlet discharge, Δp4/



+ Curves

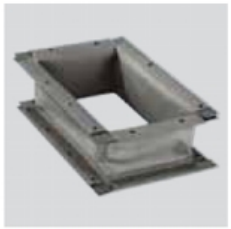
+ Mounting Accessories

KRXD
Rectangular guard for mounting at the CXRT fan outlet.

KXBD
Outlet flange.

ACOPEL F400 N *
Circular flexible connector.
Certified F400-120.

KRXA
Proof guard for mounting at the CXR fan inlet.



KAXD
Rectangular flexible connector for mounting at the CXRT fan outlet.

* For more information see Mounting Accessories.