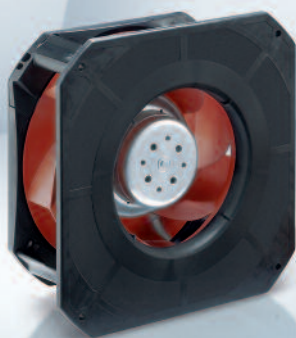


Max. 930 m³/h
S-Force

DC centrifugal fans

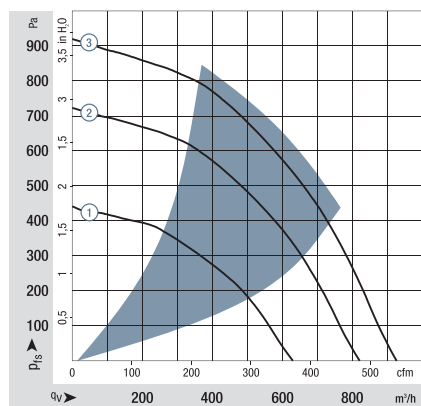
□ 226 x 85 mm



- **Material:** Scroll housing: GRP¹⁾
Impeller: GRP¹⁾
- **Direction of air flow:** Axial: Intake,
Centrifugal: Exhaust
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** via single wires AWG 18, 20 or
AWG 22, TR 64. Speed signal
and control input AWG 22
- **Highlights:** Highly efficient and smoothly
operating 3-phase fan drive
Backward-curved RadiCal
impeller
- **Weight:** 1210 g
- **Possible special versions:**
(See chapter DC fans - specials)
 - Speed signal
 - Go / NoGo alarm
 - Alarm with speed limit
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analog control input
 - Multi-option control input
 - Moisture protection
 - Salt spray protection
 - Degree of protection: IP 54

1) Fiberglass-reinforced plastic

Series RG 190 TD													
Nominal data	Air flow	Air flow	Nominal voltage	Voltage range	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst standard	Service life L ₁₀ (T _{max}) ebm-papst standard	Life expectancy L ₁₀ IPC (40 °C) see page 17	Curve
Type	m³/h	cfm	VDC	VDC	Bel(A)	■ / ■	Watts	rpm ⁻¹	°C	Hours	Hours	Hours	
RG 190-39/14/2 TDML0	630	371	24	16...30	7.6	■	54	3 000	-20...+60	55 000 / 35 000	92 500	92 500	①
RG 190-39/14/2 TDMO	820	482	24	16...36	7.9	■	113	3 900	-20...+65	52 500 / 30 000	87 500	87 500	②
RG 190-39/18/2 TDML0*	630	371	48	36...57	7.6	■	52	3 000	-20...+65	55 000 / 30 000	92 500	92 500	①
RG 190-39/18/2 TDMO	820	482	48	36...72	7.9	■	113	3 900	-20...+65	52 500 / 30 000	87 500	87 500	②
RG 190-39/18/2 TDO	930	547	48	36...72	8.3	■	140	4 400	-20...+65	40 000 / 22 500	67 500	67 500	③
Subject to change													
* On request	Speed control range from 800 rpm ⁻¹ at 7% PWM up to nominal speed at > 90% PWM. Standstill at 0% PWM, Standstill if control cable is interrupted.												



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 103002
measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} measured at 1 m distance
from fan axis.
The values given are applicable only under the specified
measuring conditions and may differ depending on the
installation conditions.
In the event of deviation from the standard configuration,
the parameters must be checked after installation!
For detailed information see
<http://www.ebmpapst.com/general conditions>

