RZA 11-0450

Technical Data

RZA 11-	Speed control	Nominal voltage	Nominal frequency	Nominal motor power	Max. power consumption	Max. output current (FC)	Max. operating frequency	Max. fan speed	Max. media temperature	Weight
		V	Hz	kW	kW	A	Hz	1/min	°C	kg
0450-4D	③	400	87	5.20	6.6	15.8	70	2040	40	85

Technical Data

RZA 11-	Speed control	Nominal voltage	Mains frequency	Max. power consumption	Nominal motor current	Max. operating frequency	Nominal motor speed	Max. fan speed	Max. media temperature	Weight
		V	Hz	kW	A	Hz	1/min	1/min	°C	kg
0450-4D-50	*	400	50	2.47	5.70	70	1480	2040	40	85
0450-4D-60	*	460	60	4.15	6.80	70	1770	2040	40	85

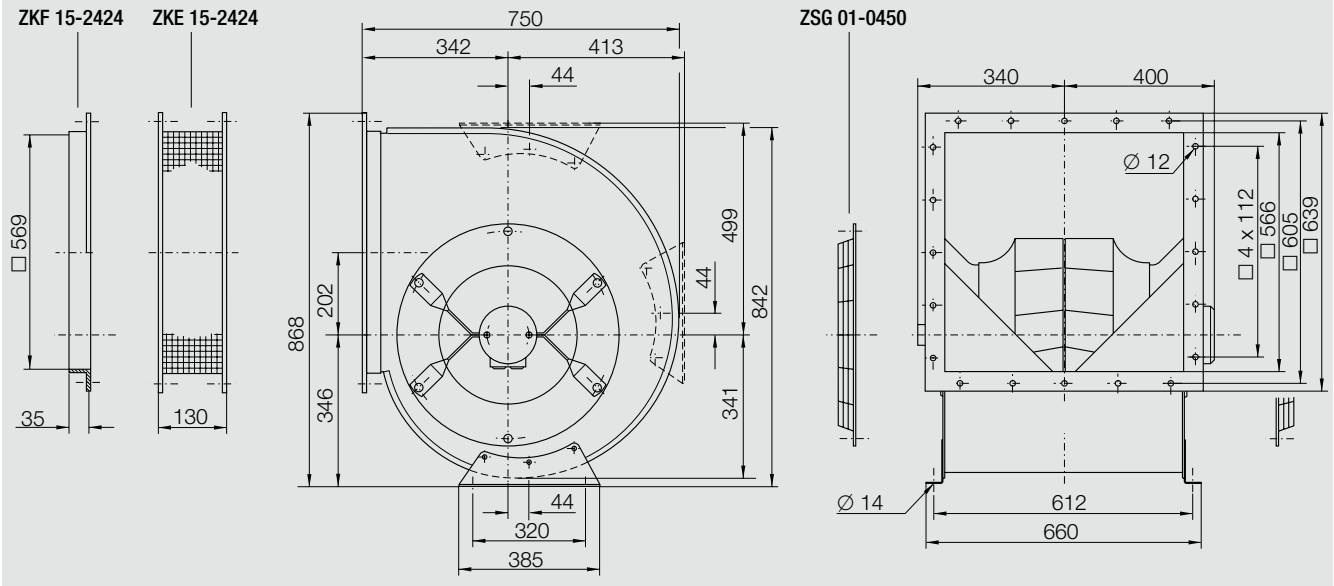
Frequency Inverter Parameters

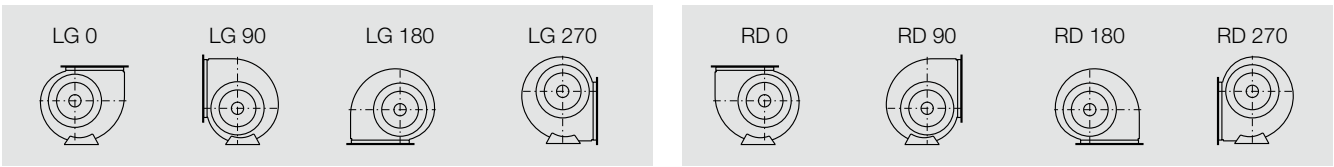
The following curves show the fans operating with frequency control: The nominal frequency of the inverter is 87 Hz, i.e. the input frequency 400 V is increased to 87 Hz. The performance curves plot speed/frequency against volume and pressure, and the total efficiency ($\eta_{inverter} \times \eta_{motor} \times \eta_{impeller}$) is expressed as a parabola.
The set up parameters for each inverter are provided in the accompanying literature.

Calculations formula

$P_S = p_{sF} \times q_V / \eta_{sS}$
$L_{Wokt7} = L_{WA6/7} + L_{Wrel7}$
$L_{Wokt6} = L_{WA6/7} + L_{Wrel6}$
③ = Stepless speed controllable via frequency converter
* = No speed control available

Dimensions in mm, Subject to change.





Accessories

RZA 11-	Isolator (metal casing) ESH 22-	Frequency Inverter Unit MM420 for 3~ MM420 3AC 400V	Line Choke for 3~ 6SE6400-	Anti Vibration Rubber Buffers ZBD 01-
0450-4D	ESH 22-075-32	MM420 3AC 400V 7.50KW EMV B	6SE6400-3CC02-2CD3	ZBD 01-1010-A
RZA 11-	**ESH 22-**	**MM420 3AC 400V**	**6SE6400-**	**ZBD 01-**
0450-4D-50	ESH 22-075-32	–	–	ZBD 01-1010-A
0450-4D-60	ESH 22-075-32	–	–	ZBD 01-1010-A