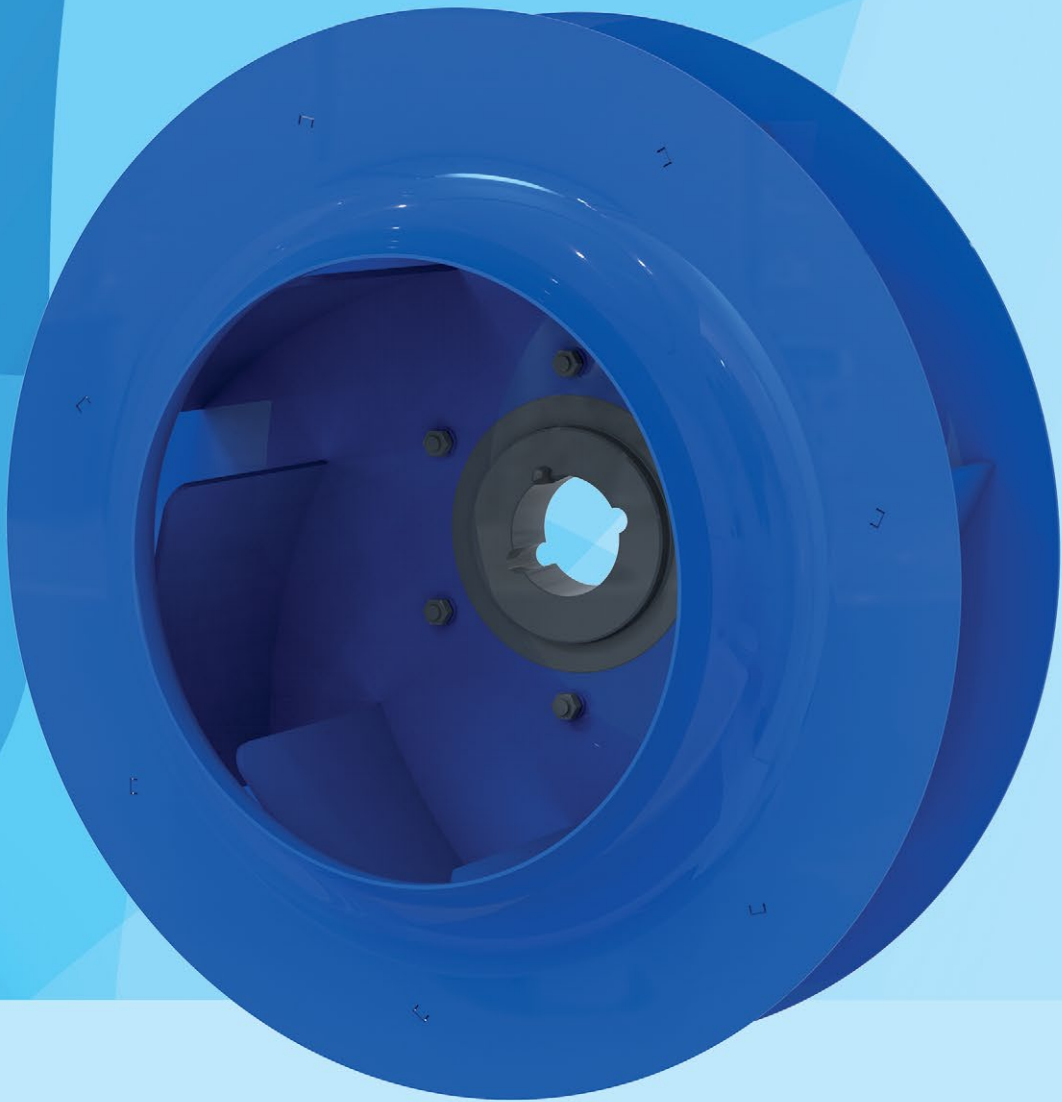




IMPELLERS KRR SERIES



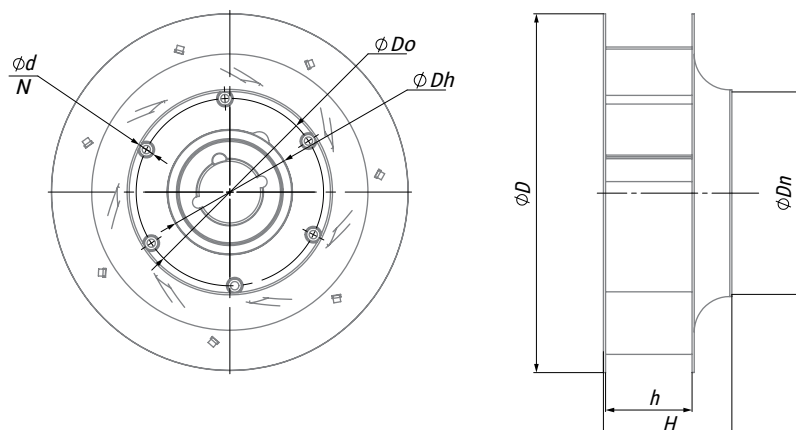
IMPELLERS

USE

- HVAC
- Central air conditioners
- Air handling units (AHU)
- Plug Fans
- Used as a free impeller
- The impellers are compatible with various AC/EC motors 50/60 Hz

DESCRIPTION

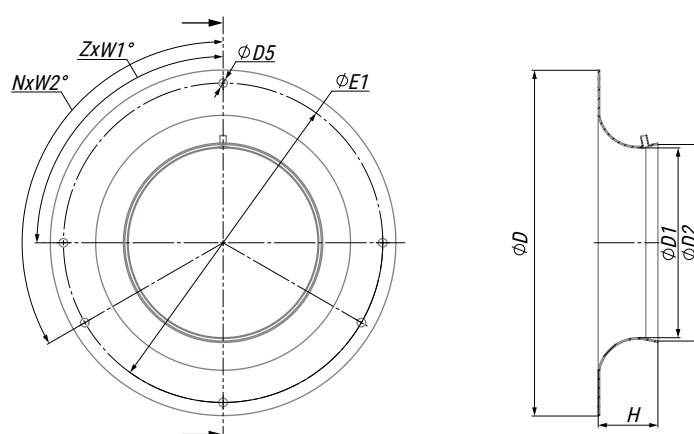
- Size: 310–710 mm
- Material: steel, powder coated in blue
- Coatings RAL 5007. Cover type – GL
- Number of blades is seven (7)
- Single-flow Operation Mode – S1
- Fitting position horizontal or vertical
- Contents of delivery:
 - inlet ring with the ability to measure volumetric flow
 - screwed hub
 - clamping sleeve for a specific motor shaft
- Min./Max. permissible ambient impeller temperature (transportable/ storage): –40°C... +80°C
- Min. Ambient Temperature: –20°C
- Max. Ambient Temperature: +80°C



OVERALL DIMENSIONS

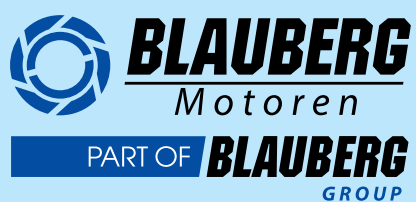
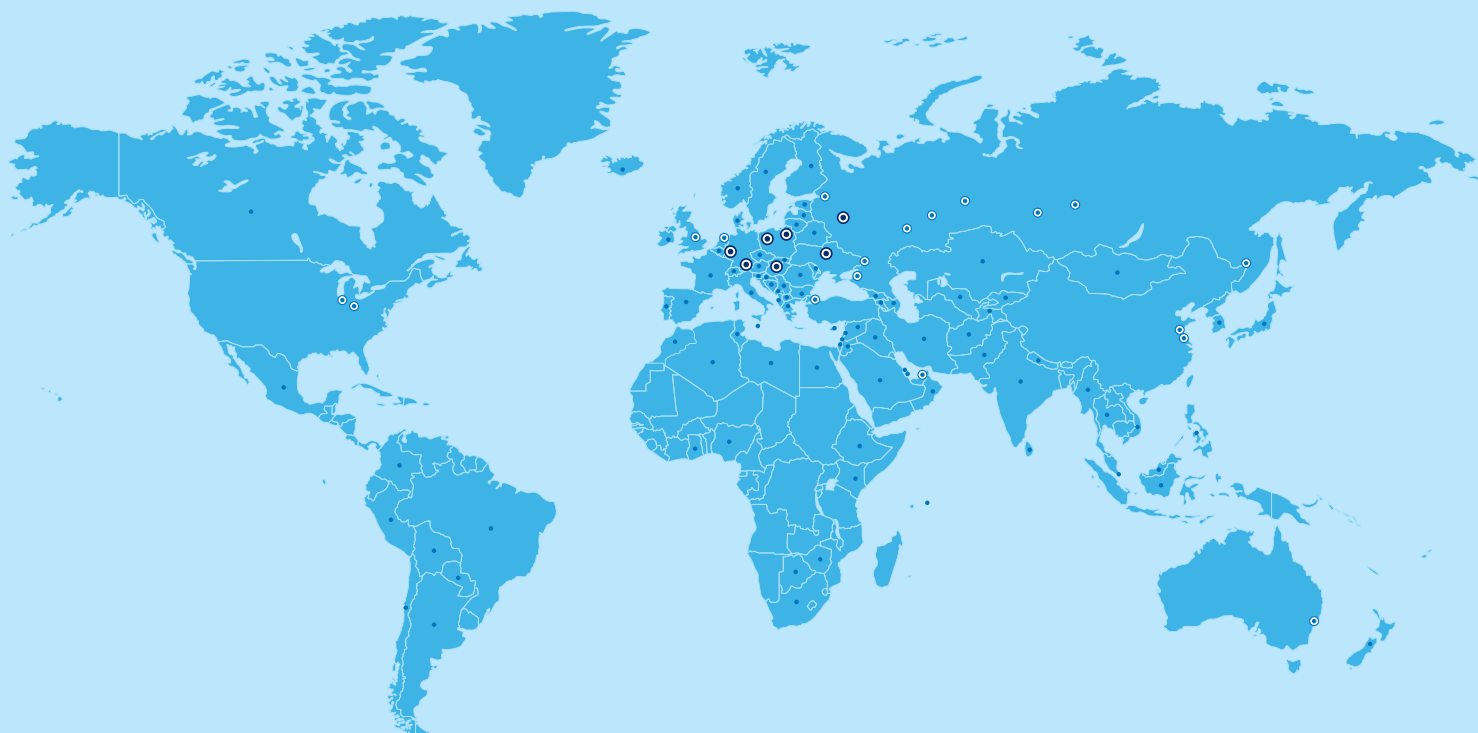
Model	ϕD [mm]	ϕDn [mm]	H [mm]	h [mm]	ϕDh [mm]	ϕDo [mm]	ϕd [mm]	N	Weight [kg]
KRR31A/SM16-1	361	203	128	87					3.6
KRR35A/SM16-1	406.2	228	144	98	110.3±0.1	150	7.5		5.4
KRR40A/SM16-1	457	257	163	111				6	5.8
KRR45A/SM20	515	290	183	125					11.1
KRR50A/SM20	580.5	326	206	140	140.3±0.1	190	9.5		15.6
KRR56A/SM20	644.2	363	229	156					19.2
KRR63A/SM25	721.8	406	256	174	170.3±0.1	240	11.5	8	29.7
KRR71A/SM25	811.8	457	287	196					37.7

INLET RINGS



OVERALL DIMENSIONS

Model	ϕD [mm]	H [mm]	$\phi D1$ [mm]	$\phi D2$ [mm]	$\phi E1$ [mm]	$\phi D5$ [mm]	$Z \times W1^\circ$	$N \times W2^\circ$	Weight [kg]
IR 310BK ST	343	59	188.4	195.1	317				1.1
IR 355BK ST	378	66	213.1	220.1	352				1.3
IR 400BK ST	418	74	237.8	248.1	392	8.5	4x90	3x120	2.1
IR 450BK ST	464	83	270.7	281.1	438				2.6
IR 500BK ST	514	94	304.3	316.1	488				3.2
IR 560BK ST	564	104	339.7	351.1	538				3.8
IR 630BK ST	634	117	381.8	393.1	600	10.5	6x90	4x90	4.8
IR 710BK ST	704	131	428.9	443.1	670				5.9



Blauberg Group
Aidenbachstr. 52
D-81379 Munich

Tel.: +49 (0)89 231 66 620
Fax: +49 (0)89 780 69 521
sales@blauberg-motoren.com



blauberg-motoren.com