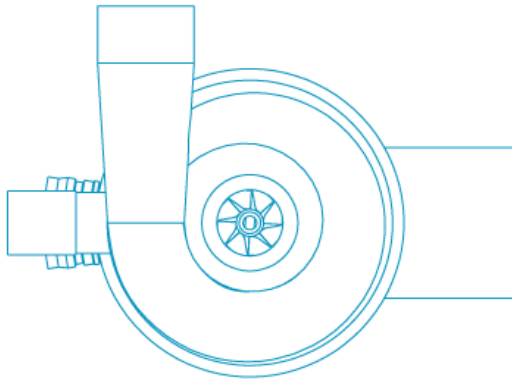


Fuel Cell Micro Turbo Compressors



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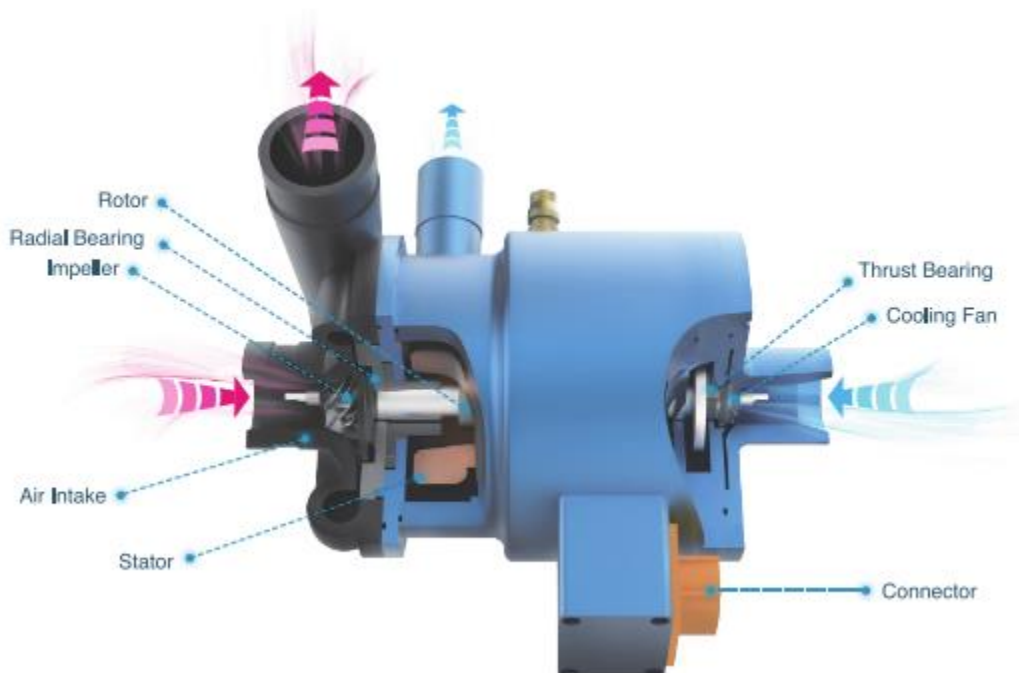
URL: <https://www.uskoreahotlink.com/products/energy/high-speed-turbo-blowers-aeration/>

Product Overview

Variable High Speed

Oilless Air Bearing

Wide Power Range



Developed by a S. Korean air foil bearing turbo blower inventor, high speed turbo compressors offer high efficiency and effectiveness for fuel cell industry with wide power range and excellent reliability.

Compressors feature a minimized footprint and weight required for fuel cell applications.

We deliver a diverse product portfolio of airfoil bearing type turbo blowers and high speed compressors to 70 countries.

Fuel Cell Micro Turbo Compressor

Supplies Oxygen to Fuel Cell Systems



WF3



WF5



WF7



WF9



WF11

Powerful Cooling System

Fuel cell micro compressor is efficient and durable. It guarantees stability even in extreme conditions.

Power Range for Diverse Applications

Features an extremely wide power range from 3KW to 11KW.

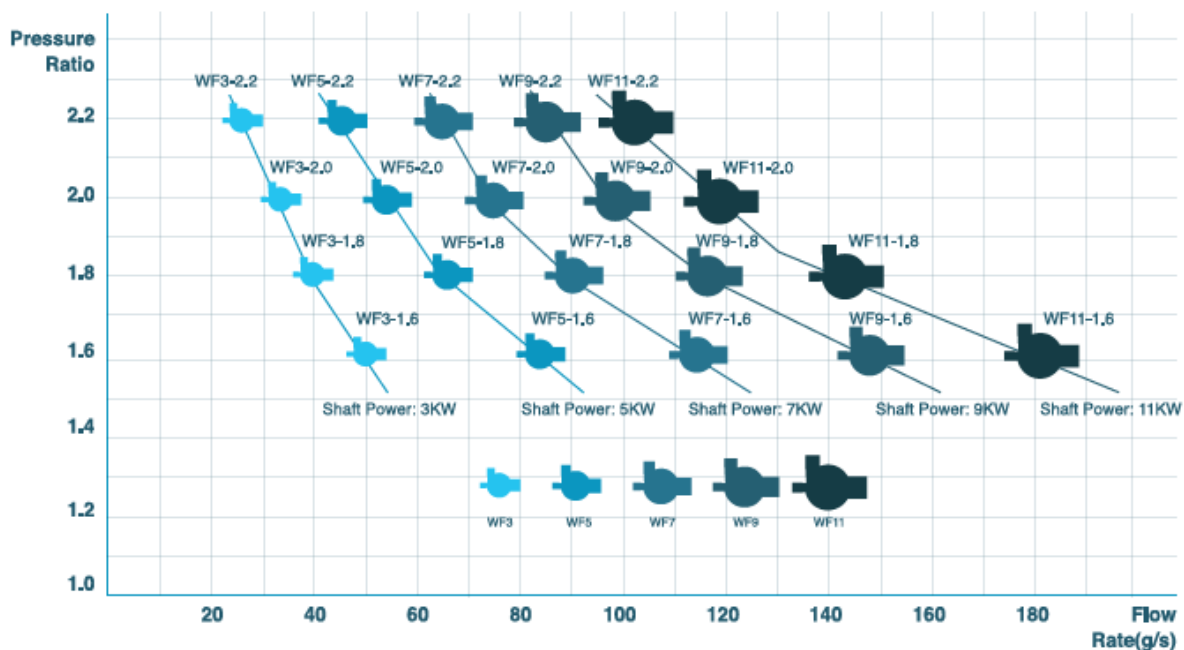
SPECIFICATION		WF3	WF5	WF7	WF9	WF11
Pressure Ratio	1.6	50	84	115	148	181
	1.8	40	66	90	116	142
	2.0	33	55	75	97	119
	2.2	28	46	64	83	101
Shaft Power (KW)		3	5	7	9	11
Rated Speed (RPM)		50,000 ~ 150,000	50,000 ~ 150,000	50,000 ~ 150,000	50,000 ~ 120,000	70,000 ~ 110,000
Voltage(VDC)		250~450 / 450~750	250~450 / 450~750	250~450 / 450~750	250~450 / 450~750	250~450 / 450~750
Structure Type		Single Stage (Water & Air cooling)				
Standard Condition		Air Flow (g/s) : 1atm, 20°C, 35%RH, Tolerance±5%				

Compressor WF Series

Suitable for Fuel Cell Systems



The Performance Map of WF Series





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