

Rotary Valve for Wood Pellets and Chippings RWN









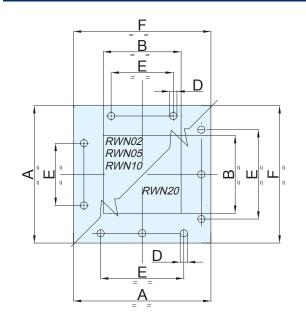
## COMPLETE PROTECTION AGAINST BURN-BACK, ENHANCED CUTTING ACTION AND REDUCED COMPRESSIVE FORCES, MAKES RWN THE PERFECT SOLUTION FOR WOOD CHIPS AND WOOD PELLETS APPLICATIONS

RWN Drop-Through Rotary Valves are designed to work with common wood pellets and chippings.

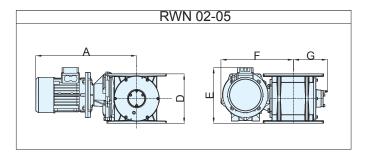
## **Features**

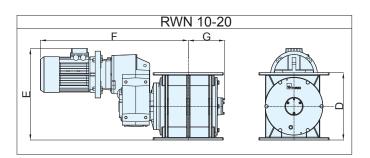
- Square inlet dimensions: 150x150 mm 200x200 mm 250x250 mm 300x300 mm ((6x6" 8x8" 10x10" 12x12")
- Capacity: 2-5-10-20 litres/rev. (0.07-0.17-0.35-0.7) cu ft/rev
- Working temperature: from -20°C up to 150°C (-4°F up to 300°F)
- · Casing and flange material: cast iron
- Rotor: 4 sharp-edged blades manufactured from hardened steel

## **Overall Dimensions**



STANDARD DIMENSIONS (mm)									
Туре	Α	В	D	Е	F				
RWN02	265	150	14	120	225				
RWN05	320	200	14	150	280				
RWN10	375	250	14	180	335				
RWN20	440	300	18	260	400				

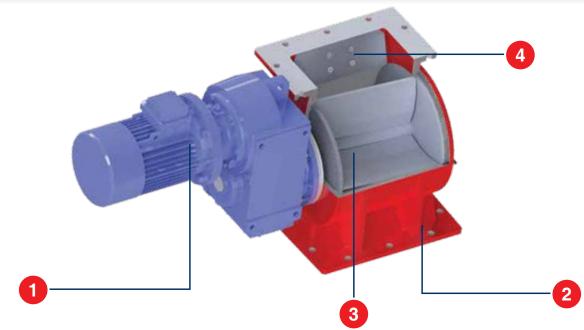




Туре	<b>A</b> *	D	E*	F*	G	Rotor Speed (rpm)	Motor Power (kW)
RWN 02	500	220	248	325	131	20	0.75
						30	1.1
RWN 05	540	280	237	340	162	20	1.1
						30	1.5
RWN 10	/	360	490	792	188	20	1.5
						30	2.2
RWN 20	/	455	561	855	226	20	2.2
						30	3.0

## **Benefits**

- Sturdy, compact structure;
- ✓ Drive unit mounted directly on shaft without further bearing assembly or coupling;
- Easy access to internal mechanical parts;
- ✓ The shape of the rotor blades manufactured from hardened steel enables the RWN to cut pieces of wood present in the bio-fuel mixture;
- ✓ Certified in compliance with Austrian Directive TRVB H 118/03. Meant to work with wood fuel produced according to ONORM M7132, ONORM M7133 ONORM M7135 standards.



**DRIVE UNIT** 



RWN 10 - RWN 20 Direct Drive (20-30 rpm)



RWN 02 - RWN 05 Direct Drive (20-30 rpm)



**ROTOR** 



**SCRAPER** 





**Rotation Indicator** 



























