

**Warning!**

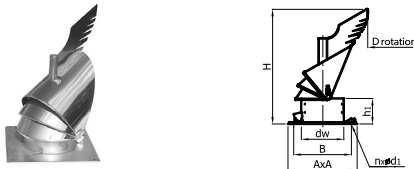
Cowl may not be mounted on ducts exhausting fumes from coal burning stoves.

Destination	S	S - gas and oil exhaust ducts
	D	D - smoke ducts
Material	CH	Base: chrome-nickel sheet 1.4301
		Cap: chrome-nickel sheet 1.4404
	ML	Base: chrome-nickel sheet 1.4301 powder coated
		Cap: chrome-nickel sheet 1.4404 powder coated

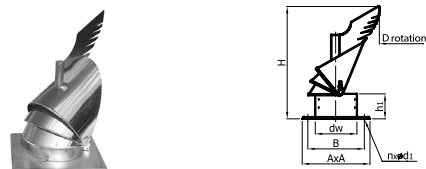
Diameter [mm]	ø150	ø180	ø200	ø250	ø300
Efficiency [m³/h] at wind speed 4 m/s	172	217	247	490	638
Underpressure [Pa] (at wind speed 4 m/s)	6.6	5.7	4.3	6.3	5.85
Max. working temperature [°C]	500				
Rotating unit	ball bearings system				

**Versions of bases**

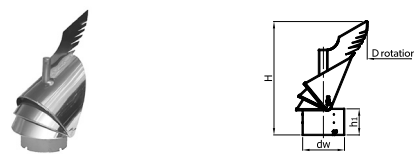
**1. Square base openable ø150÷ø250 -PK**



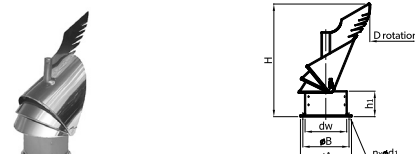
**1a. Square base not openable ø300 -PK**



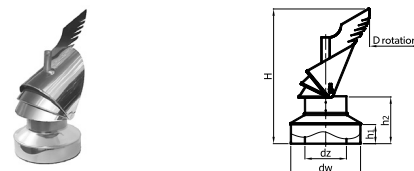
**2. Dismountable base -R**



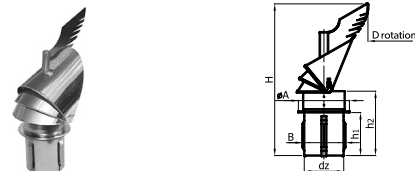
**3. Base with collar -BIII**



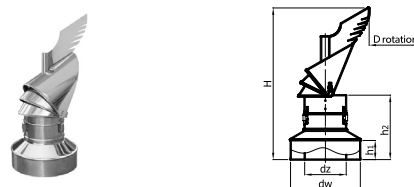
**4. Base with insulation closing -B-K**



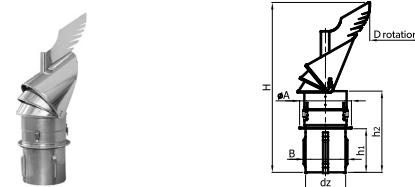
**5. Force-in mounting base ø150÷ø300 -PT**



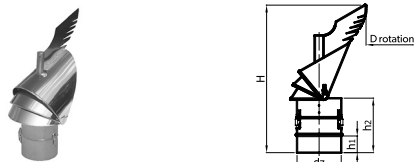
**6. Base with insulation closing openable -B-K-U**



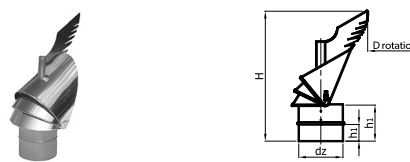
**7. Force-in mounting base - openable ø150÷ø300 -PT-U**



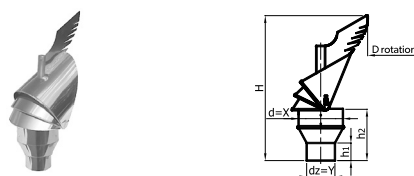
8. Inlet pipe openable Ø150÷Ø300 -B



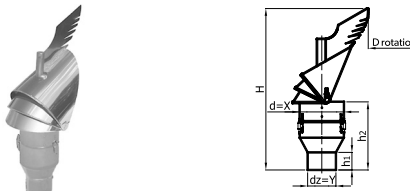
9. Inlet pipe not openable -B-S



10. Inlet pipe reduced -X/Y...-B-S



11. Inlet pipe reduced openable Ø150, Ø300 -X/Y...-B



Measurements table for various inlet diameters

Ø 150											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~335	148.0	-	405	85	-	250	208	6.2	4	1.90
-R	~335	150.5	-	440	120	-	-	-	-	-	1.55
-BIII	~335	150.5	-	400	80	-	211	182	9.5	6	1.95
-B-K	~335	253.3	151.8	520	70	200	-	-	-	-	2.45
-PT	~335	-	144.0	555	157	235	202	158	-	-	2.25
-B-K-U	~335	253.3	151.8	570	70	250	-	-	-	-	2.75
-PT-U	~335	-	144.0	605	157	285	202	158	-	-	2.45
-B	~335	-	152.8	530	60	205	-	-	-	-	1.90
-B-S	~335	-	152.8	470	60	150	-	-	-	-	1.70
-X/Y...-B-S	~335	-	Y	515	60	195	-	-	-	-	1.90
-X/Y...-B	~335	-	Y	620	60	295	-	-	-	-	2.25

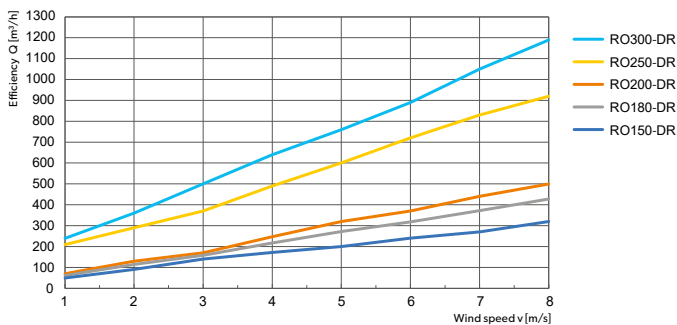
Ø 180											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~431	180.4	-	481	84.9	-	300	250	6.2	4	2.20
-R	~431	182.1	-	496	100	-	-	-	-	-	1.75
-BIII	~431	182.1	-	496	100	-	237	210	9.5	6	2.20
-B-K	~431	282	182.1	597	70	200	-	-	-	-	2.80
-PT	~431	-	174	647	172	250	233	189	-	-	2.50
-PT/STAB	~431	-	163	647	165	250	220	178	-	-	2.50
-B-K-U	~431	282	182.1	647	70	250	-	-	-	-	3.10
-PT-U	~431	-	174	720	172	323.1	233	189	-	-	3.00
-PT-U/STAB	~431	-	163	749	165	352	220	178	-	-	3.00
-B	~431	-	182.1	600	60	203	-	-	-	-	2.30
-B-S	~431	-	182.1	546	60	150	-	-	-	-	1.95
-X/Y...-B-S	~431	-	Y	600	60	195	-	-	-	-	2.20
-X/Y...-B	~431	-	Y	690	60	295	-	-	-	-	2.60

Ø 200											
Base version	Dimensions [mm]										Weight [kg]
	D	dw	dz	H	h1	h2	A	B	d1	Amount n	
-PK	~440	198.0	-	520	85	-	330	284	6.2	4	2.70
-R	~440	200.0	-	555	120	-	-	-	-	-	2.05
-BIII	~440	199.0	-	515	80	-	261	233	9.5	6	2.55
-B-K	~440	303.1	201.1	635	70	200	-	-	-	-	3.10
-PT	~440	-	194.0	680	167	245	252	208	-	-	2.90
-PT/STAB	~440	-	183	680	165	250	240	198	-	-	2.90
-B-K-U	~440	303.1	201.1	685	70	250	-	-	-	-	3.45
-PT-U	~440	-	194.0	730	167	295	252	208	-	-	3.25
-PT-U/STAB	~440	-	183	794	165	352	240	198	-	-	3.25
-B	~440	-	201.1	635	60	205	-	-	-	-	2.50
-B-S	~440	-	201.1	585	60	150	-	-	-	-	2.20
-X/Y...-B-S	~440	-	Y	630	60	195	-	-	-	-	2.45
-X/Y...-B	~440	-	Y	725	60	295	-	-	-	-	2.95

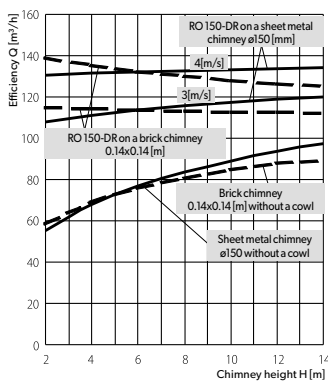
Ø 250	Dimensions [mm]										Weight [kg]
	Base version	D	dw	dz	H	h1	h2	A	B	d1	
-PK	~560	245.0	-	620	80	-	380	330	6.2	4	3.60
-R	~560	250.3	-	645	120	-	-	-	-	-	2.65
-BIII	~560	250.8	-	615	90	-	311	283	9.5	8	3.35
-B-K	~560	352.4	252.3	725	70	200	-	-	-	-	4.00
-PT	~560	-	244.0	780	177	255	302	259	-	-	3.85
-B-K-U	~560	352.4	252.3	775	70	250	-	-	-	-	4.45
-PT-U	~560	-	244.0	830	177	305	302	259	-	-	4.30
-B	~560	-	252.3	735	60	245	-	-	-	-	3.50
-B-S	~560	-	252.3	675	60	150	-	-	-	-	2.90
-X/Y...-B-S	~560	-	Y	730	60	205	-	-	-	-	3.25
-X/Y...-B	~560	-	Y	825	60	315	-	-	-	-	4.10

Ø 300	Dimensions [mm]										Weight [kg]
	Base version	D	dw	dz	H	h1	h2	A	B	d1	
-PK	~660	293.0	-	730	80	-	470	420	6.2	4	5.60
-R	~660	300.0	-	740	140	-	-	-	-	-	4.50
-BIII	~660	298.7	-	745	145	-	361	337	9.5	8	5.00
-B-K	~660	403.7	301.7	800	70	200	-	-	-	-	5.20
-PT	~660	-	294	855	177	255	352	308	-	-	5.00
-B-K-U	~660	403.7	301.7	850	70	250	-	-	-	-	5.70
-PT-U	~660	-	294	905	177	305	352	308	-	-	5.50
-B	~660	-	301.7	825	60	225	-	-	-	-	4.95
-B-S	~660	-	301.7	750	60	150	-	-	-	-	4.40
-X/Y...-B-S	~660	-	Y	850	60	250	-	-	-	-	4.75
-X/Y...-B	~660	-	Y	900	60	300	-	-	-	-	5.25

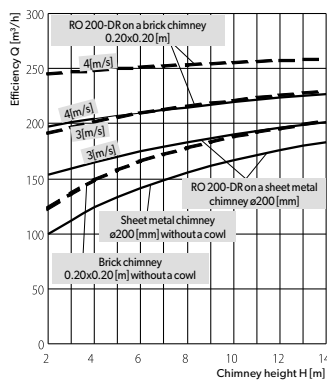
Airflow charts



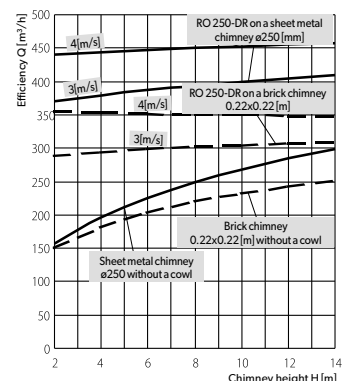
Efficiency chart for ROTOWENT DRAGON (various diameters) in a function of wind speed, not including the influence of chimney height. \*1 [m/s] = 3.6 [km/h]



Efficiency chart for ROTOWENT DRAGON Ø150 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).



Efficiency chart for ROTOWENT DRAGON Ø200 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).



Efficiency chart for ROTOWENT DRAGON Ø250 in a function of chimney height on a brick or sheet metal chimney (for two wind speeds: 3 and 4 [m/s]).