

BLOW THROUGH ROTARY VALVES are designed to handle pneumatic conveying in dilute and dense phase for every industrial application such as food, plastic, rubber, chemical, pharmaceutical and mining. Thanks to COMAV'S TECHNOLOGY our valve is used for powders and fine products, assuring a perfect reliability and meeting a wide range of customer's requirements. The rectangular flange and a special disalignment allow a complete cell discharge without any breakage of the product



### APPLICATIONS

- POWDER
- FINE PRODUCTS
- VACUUM CONVEYING
- PNEUMATIC CONVEYING
- MOCA – EC1935/2004

### DESIGN

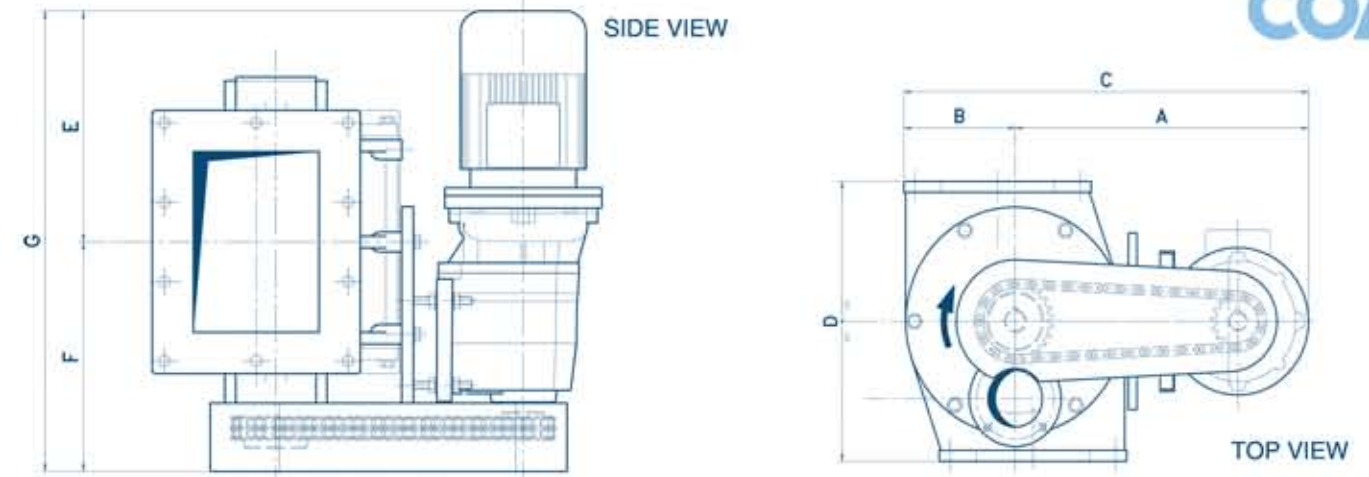
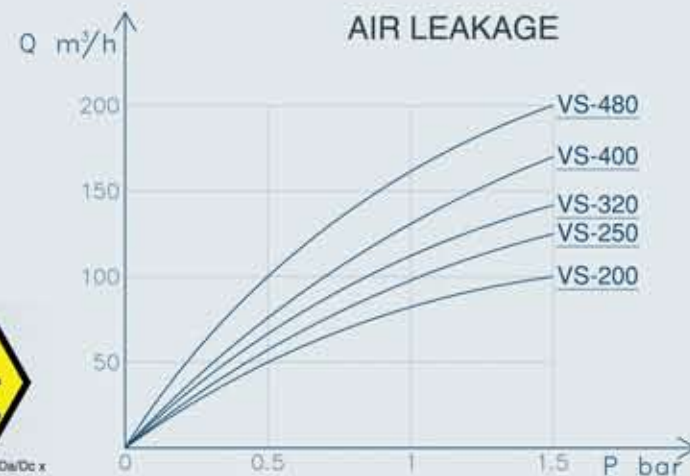
- FLANGING: RECTANGULAR
- SIZE: 200,250,320,400,480
- HOUSING: CAST IRON CASTING, SS316L CASTING
- ROTOR: WELDED CARBON STEEL OR SS304, SS316L
- DRIVE: CHAIN TRANSMISSION STANDARD VERSION OR DIRECT DRIVE. AVAILABLE IN BARE SHAFT VERSION. ALL OUR DRIVES CAN BE CONTROLLED BY INVERTER
- ROBUST&COMPACT DESIGN WITH MINIMAL ROTOR TOLERANCE

### FEATURES

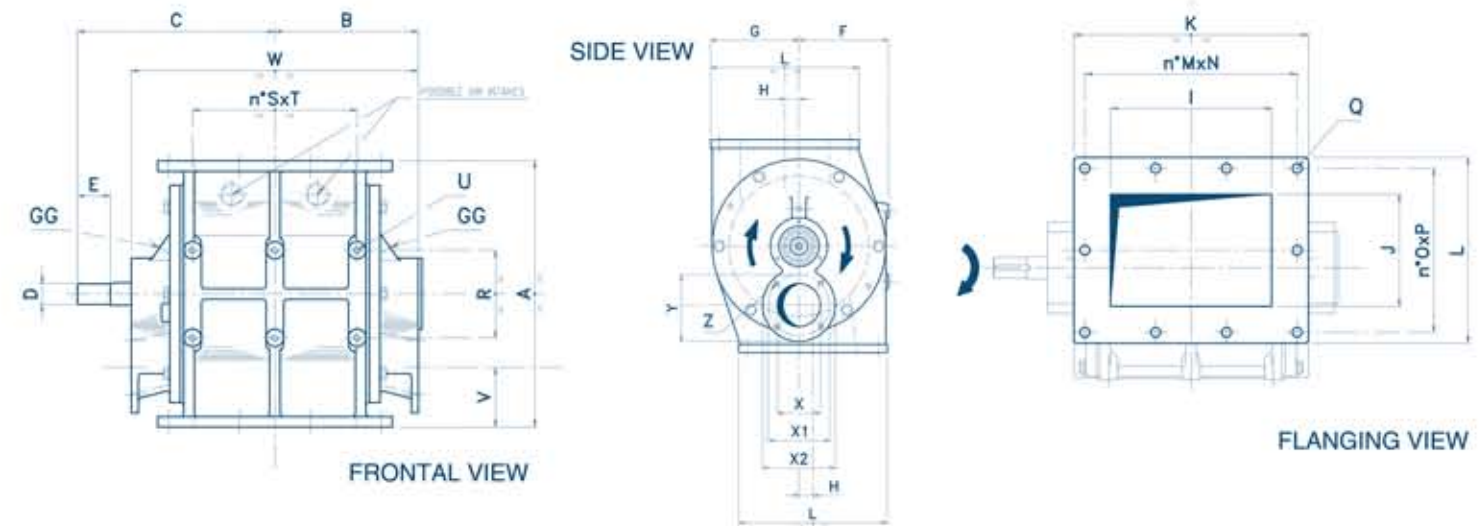
- PRESSURE: 1,5 BAR
- TEMPERATURE: MAX 65 °C
- AIR LEAKAGE: SEE CHART
- INTEGRATED CASTING INNER HOPPER ( BETTER FILLING EFFICIENCY)
- 8 VANES OPEN ENDS ROTOR

### OPTIONALS

- DIFFERENT ROTORS FOR DIFFERENT PRODUCTS
- NICKEL COATING EC1935/2004
- HARD CHROMIUM PLATING
- VARIOUS POLISHING DEGREES
- HIGH TEMPERATURE CONFIGURATION
- FEEDING HOPPER COMPLETE WITH AIR INTAKES
- AIR BLOW-IN PURGE
- AIR INTAKE HOLE ON HOUSING
- SPEED DISPLAY
- SPEED CONTROLLER



	A	B	C	D	E	F	G	L./Rev.	Rev./1' max	POWER	WEIGHT
200	360	132,5	492,5	320	235	280	515	4,5	30	Kw 0.37	Kg 90
250	410	157,5	567,5	380	255	295	550	8	30	Kw 0.55	Kg 127
320	455	192,5	647,5	450	274	321	595	16	30	Kw 0.75	Kg 196
400	555	237,5	792,5	570	285	380	665	37	30	Kw 1,10	Kg 345
480	635	282,5	917,5	660	255	425	680	65	30	Kw 1.50	Kg 585



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
200	320	190	267	ø30	47	130	132,5	20	200	140	285	225	3	86	2	99
250	380	205	282	ø30	47	160	157,5	25	230	160	335	265	3	101	2	117
320	450	221	304	ø35	53	195	192,5	40	260	200	365	305	3	111	2	136
400	570	280	368	ø40	56	240	237,5	55	370	260	475	365	4	110	2	165
480	660	315	405	ø52	65	305	282,5	70	444	300	570	425	4	132	2	191

	Q	R	S	T	U	V	W	X	Y	Z	X1	X2	L./Rev.	WEIGHT	GG
200	ø12	115	1	210	M10	70	380	ø60	100	M10	ø90	ø110	4,5	Kg 68	1/8" GAS
250	ø14	125	2	117,5	M10	85	410	ø77	117	M10	ø110	ø130	8	Kg 98	1/8" GAS
320	ø14	175	2	132,5	M10	100	442	ø99	148	M10	ø140	ø160	16	Kg 160	1/8" GAS
400	ø14	220	3	125	M10	131	560	ø129	189	M12	ø170	ø200	37	Kg 285	1/4" GAS
480	ø18	220	3	150	M10	147,5	630	ø156	108	M14	ø210	ø240	65	Kg 510	1/4" GAS

BROCHURE



COMPLIANCE



II 1/30 IIC T135°C Da/Dc x

# VSTF BLOW THROUGH ROTARY VALVE



BLOW THROUGH ROTARY VALVES are designed to handle pneumatic conveying in dilute and dense phase for every industrial application such as food, plastic, rubber, chemical, pharmaceutical and mining. Thanks to COMAV'S TECHNOLOGY our valve is used for powders and fine products, assuring a perfect reliability and meeting a wide range of customer's requirements. The round flange allows an easy connection to the conveying line and the equipment.



## APPLICATIONS

- POWDER
- FINE PRODUCTS
- VACUUM CONVEYING
- PNEUMATIC CONVEYING
- MOCA – EC1935/2004

## DESIGN

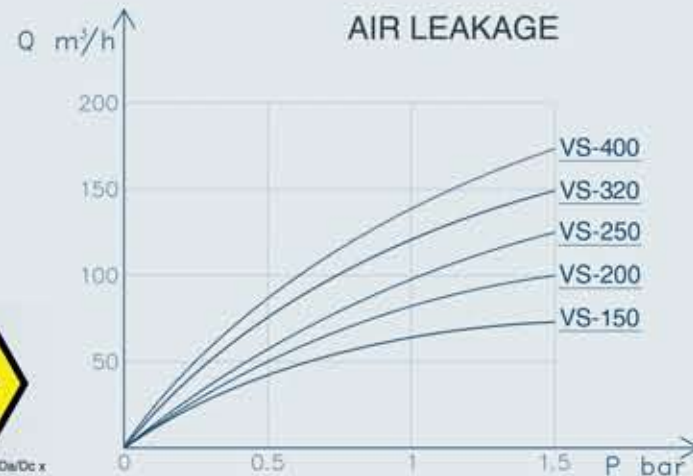
- FLANGING: ROUND UNI 2277-67 PN 10
- SIZE: DN150, DN200, DN250, DN300
- HOUSING: CAST IRON CASTING SS316L
- ROTOR: WELDED CARBON STEEL OR SS304, SS316L
- DRIVE: CHAIN TRANSMISSION STANDARD VERSION OR DIRECT DRIVE. AVAILABLE IN BARE SHAFT VERSION ALL OUR DRIVES CAN BE CONTROLLED BY INVERTER
- ROBUST&COMPACT DESIGN WITH MINIMAL ROTOR TOLERANCE

## FEATURES

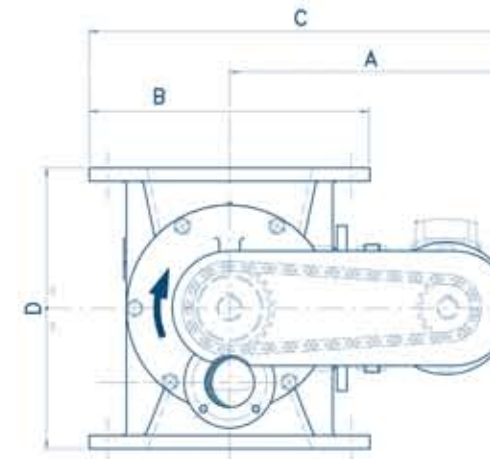
- PRESSURE: 1,5 BAR
- TEMPERATURE: MAX 65 °C
- AIR LEAKAGE: SEE CHART
- INTEGRATED CASTING INNER HOPPER ( BETTER FILLING EFFICIENCY)
- 8 VANES OPEN ENDS ROTOR

## OPTIONALS

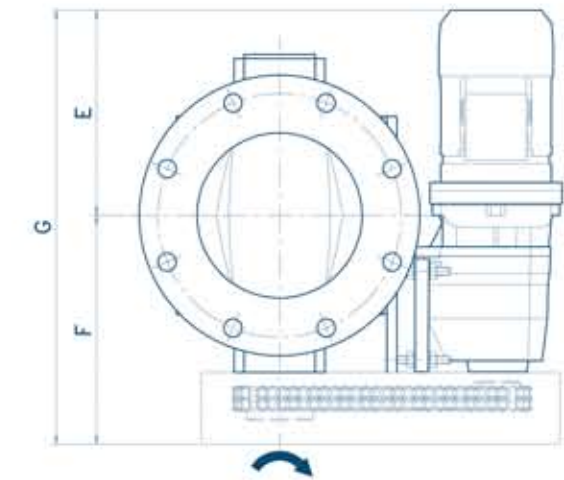
- DIFFERENT ROTORS FOR DIFFERENT PRODUCTS
- NICKEL COATING EC1935/2004
- HARD CHROMIUM PLATING
- VARIOUS POLISHING DEGREES
- HIGH TEMPERATURE CONFIGURATION
- FEEDING HOPPER COMPLETE WITH AIR INTAKES
- AIR BLOW-IN PURGE
- AIR INTAKE HOLE ON HOUSING
- SPEED DISPLAY
- SPEED CONTROLLER



SIDE VIEW

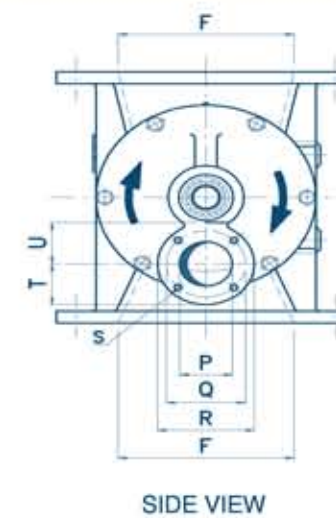
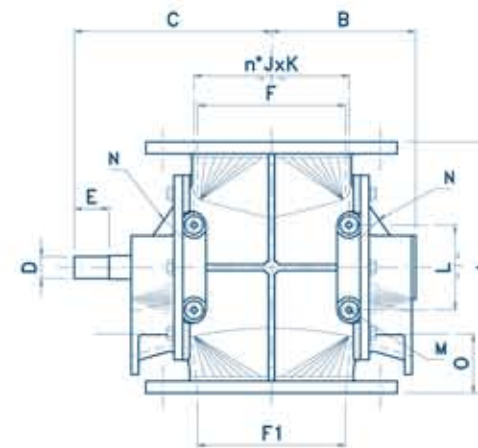


TOP VIEW

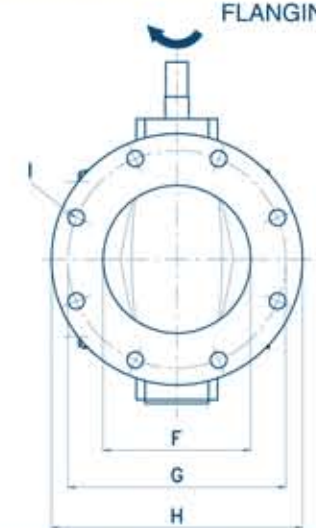


	A	B	C	D	E	F	G	L./Rev.	Rev./1' max	POWER	WEIGHT
150	305	∅250	430	260	245	265	480	2,2	30	Kw 0,25	Kg 60
200	360	∅340	500	340	250	280	530	4,5	30	Kw 0,55	Kg 90
250	410	∅395	607	400	255	295	550	8	30	Kw 0,55	Kg 127
320	455	∅445	667	500	275	320	595	16	30	Kw 0,75	Kg 195
400	500	∅500	720	580	295	335	625	37	30	Kw 1,10	Kg 245

FRONTAL VIEW



FLANGING VIEW



	A	B	C	D	E	F	F1	G	H	I	J	K
150	260	152	235	∅25	47	∅135	∅135	∅210	∅250	8XM16	1	165
200	340	190	267	∅35	47	∅200	∅200	∅295	∅340	8X∅22	1	210
250	400	205	282	∅35	47	∅265	∅265	∅350	∅395	12X∅22	2	117,5
320	500	220	305	∅35	53	∅326	∅326	∅400	∅445	12X∅22	2	132,5
400	580	235	325	∅35	53	∅390	∅390	∅450	∅495	12X∅22	2	147,5

	L	M	O	P	Q	R	S	T	U	L./Rev.	N
150	110	4XM10	45	∅47	∅80	∅100	M8	42	50	2,2	1/8" GAS
200	115	4XM10	80	∅60	∅90	∅110	M10	55	55	4,5	1/8" GAS
250	125	6XM10	95	∅77	∅110	∅130	M10	65	65	8	1/8" GAS
320	175	6XM10	125	∅99	∅140	∅160	M10	80	80	16	1/8" GAS
400	185	6XM10	155	∅120	∅170	∅190	M10	95	95	37	1/8" GAS

BROCHURE



COMPLIANCE



II 1/30 IIC T135°C Da/Dc x