



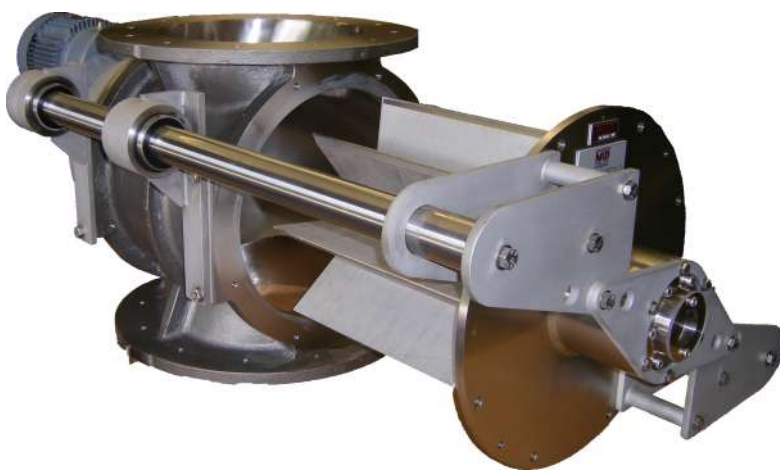
Rotary Valves MVQ Quick Clean

Engineered to last

FAST ACCESS

Based on standard MV rotary valve components, the quick removable rotor option is designed for rapid access to the valve internals for cleaning between products or during hygienic cleaning operations.

The linear bearings and close machined tolerances make taking the rotor out very simple, with easy realignment to ensure the rotor is put back in the same place to maintain the running clearances.



ATEX CERTIFICATION

The MV range is certified by Basseefa for use with explosive products, both as equipment and as a protective device.

As equipment, the valves are suitable for use with an internal zone 20 atmosphere where an explosive mixture is constantly present. Where explosion isolation is required, they have been tested to 10 bar with St2 category dusts.

	Internal	External
Zone 0/20	✓	✗
Zone 1/21	✓	✓
Zone 2/22	✓	✓
APD	✓	✗

HIGHLY CONFIGURABLE

The rotor is available with many different configurations including square tip, friction relieved, wear plate, polyurethane, spring steel and closed end.

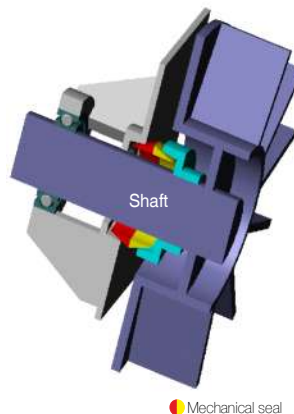
They are all carefully machined to give the tightest possible clearance for each particular product meaning less leakage and a longer wear life before the clearances are too large.

As the valve offers access without tools, the drive automatically disconnects when the rotor is removed before any moving parts are exposed. We can also fit safety approved switches to the end cover to stop the drive.

LEAK FREE MECHANICAL SHAFT SEALS

With traditional seals the product pushes past packings and wear the shaft and even the body behind hard facings can wear out. Used for over 25 years, MID's unique mechanical shaft seals are leak tight and maintenance free, dramatically reducing maintenance costs and improving site housekeeping.

Eliminate all repetitive, leaking shaft maintenance



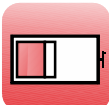
- Have no loss of product
- Immediately improve housekeeping and health and safety standards
- Eliminate compressed air purge costs
- Extend bearing life



Butterfly



Rotary



Slide



Knifegate



Diverter



Dyris



Ceramic



Specials



Sifter



Seals

Midland Industrial Designers Limited

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T: (+44)(0)115 9382154 F: (+44)(0)115 9386315 E: enquiry@mid.uk.com
Manufacturers of powder handling equipment since 1959

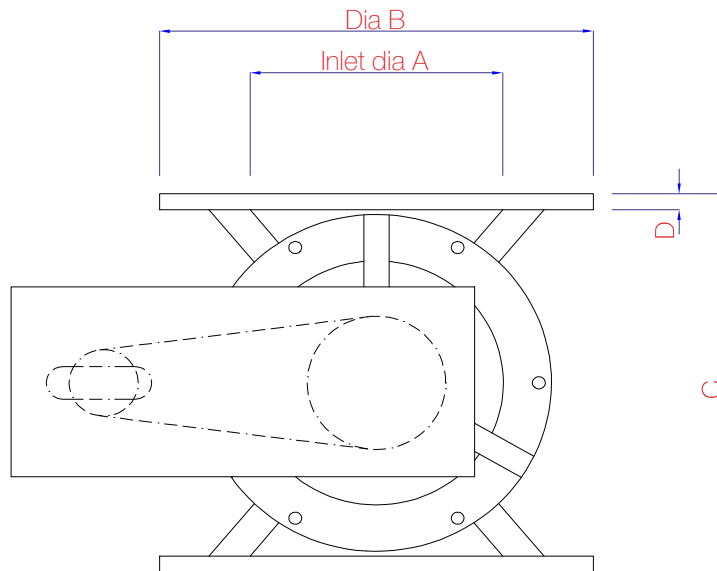
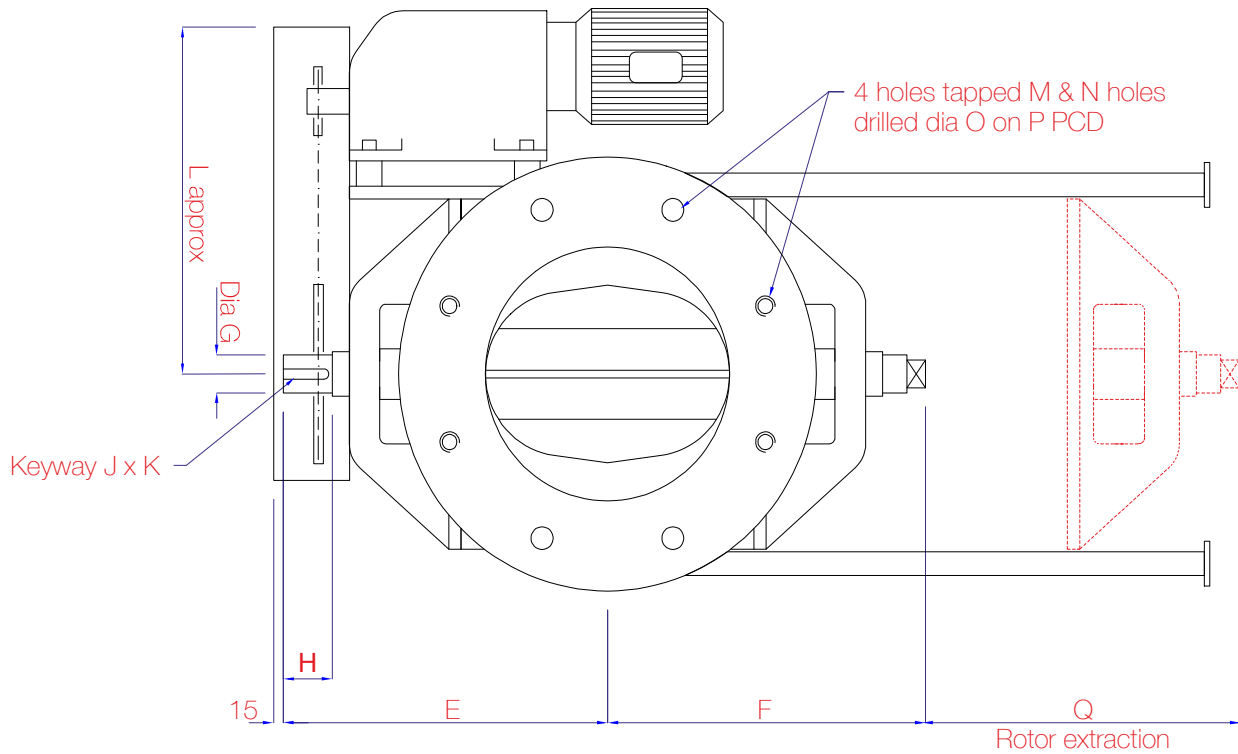
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Size	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	l/rev	kW
150	150	280	250	12	228	223	22	35	6	3.5	298	16	4	18	225	180	2.5	0.12
200	200	342	310	13	265	260	30	40	8	4	362	16	4	18	280	240	6.2	0.37
250	250	406	380	15	292	287	30	40	8	4	395	16	8	18	335	290	12.0	0.55
300	300	482	450	18	352	337	35	55	10	5	480	20	8	23	395	345	20.6	0.75
350	350	533	520	18	377	362	35	55	10	5	520	20	8	23	445	395	32.5	1.10
400	400	596	580	20	414	399	40	55	12	5	585	20	12	23	495	460	49.5	1.50
500	500	698	670	20	465	450	50	55	12	5	690	20	16	23	600	560	91.7	2.20

Square, rectangular and offset versions also available

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