

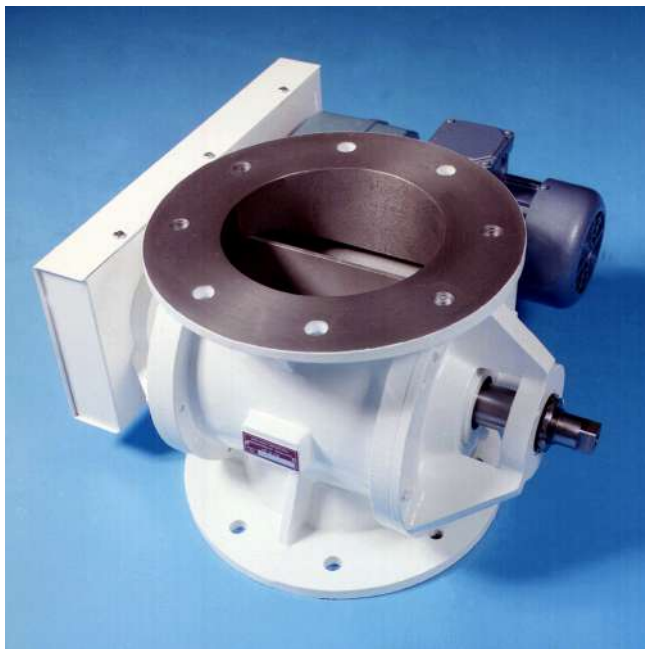


Engineered to last

STANDARD DESIGN 150-500mm

The MV range is designed to fit between standard, off the shelf flanges to make installation as easy as possible.

Drilling is standard PN6, with PN10 or ANSI 150 as other options or special drillings on request. We hold stocks of PN6 cast iron bodies so if a short lead time is required we can often fulfill this from stock items, building standard valves on a short lead time.



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.

We can fit chain or direct drives, and for high temperature applications extend the drive, use carbon lubricated or water cooled bearings and high temperature, gas purged shaft seals.

ATEX CERTIFICATION

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

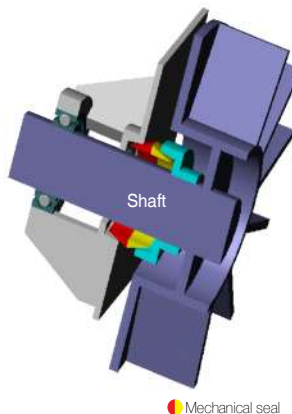
As equipment, the valves are suitable for use with an internal zone 20 atmosphere where an explosive mixture is constantly present. Where explosion isolation is required, they have been tested to 10 bar with St2 category dusts.

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

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

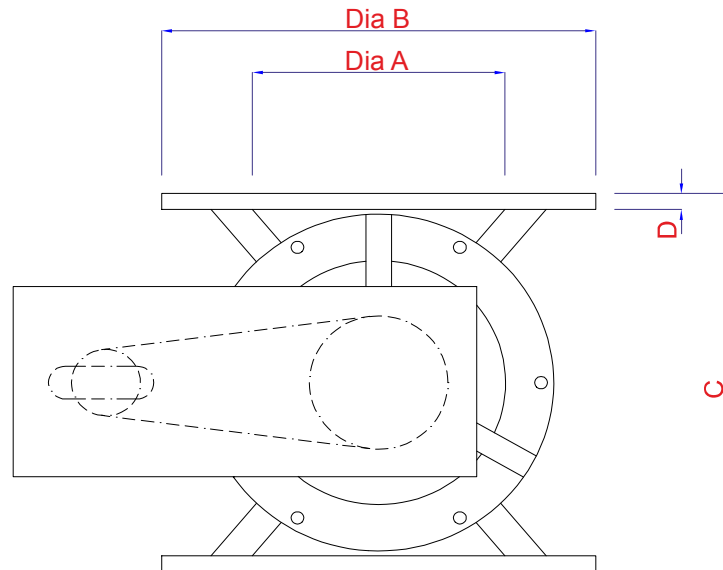
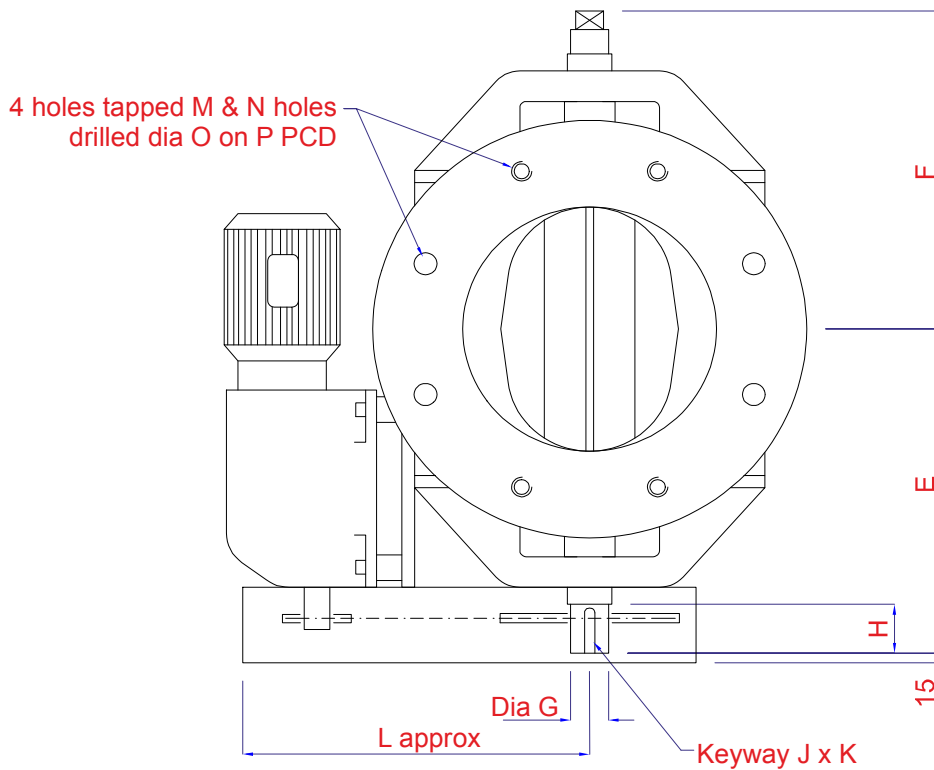
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Manufacturers of powder handling equipment since 1959

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Size	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	ft ³ /rev	l/rev	kW
150	150	280	250	12	228	223	22	35	6	3.5	298	16	4	18	225	0.088	2.5	0.12
200	200	342	310	13	265	260	30	40	8	4	362	16	4	18	280	0.22	6.2	0.37
250	250	406	380	15	292	287	30	40	8	4	395	16	8	18	335	0.50	12.0	0.55
300	300	482	450	18	352	337	35	55	10	5	480	20	8	23	395	0.73	20.6	0.75
350	350	533	520	18	377	362	35	55	10	5	520	20	8	23	445	1.15	32.5	1.10
400	400	596	580	20	414	399	40	55	12	5	585	20	12	23	495	1.75	49.5	1.50
500	500	698	670	20	465	450	50	55	12	5	690	20	16	23	600	3.24	91.7	2.20

Larger valves designed and built to order

Midland Industrial Designers Limited