

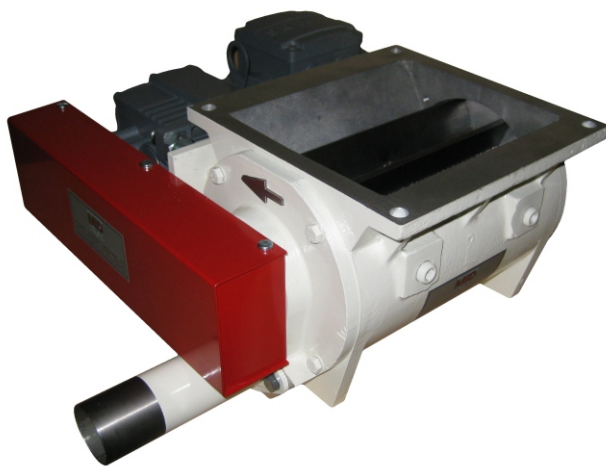


Engineered to last

STANDARD SIZES 0.5m³ - 15m³/hr

The BTV is a light duty blowing seal used for introducing bulk powders or granules into a positive or negative pressure pneumatic conveying line.

Typically used to convey bakery flour or other, non abrasive products that don't quite require the wear resistance of the RBS range but still offering the same reliable and durable operation that is synonymous with the MID brand.



ATEX CERTIFICATION

The BTV range is certified by Basseefa for use with explosive products, as equipment only.

The valves are suitable for use with an internal zone 20 atmosphere where an explosive mixture is constantly present.

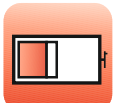
	Internal	External
Zone 0/20	✓	✗
Zone 1/21	✓	✓
Zone 2/22	✓	✓
APD	✗	✗



Butterfly



Rotary



Slide



Knifegate



Diverter



Dyris



Ceramic



Specials



Sifter



Seals

ECONOMICAL DESIGN

As standard, the valve comes with either a cast iron, stainless steel or aluminium body and has a square product inlet flange. An inlet plate adapter can be supplied to accommodate round flanges at minimal cost.

A fixed bladed, carbon rotor, with a choice of materials, single or double lip shaft seals and sealed for life shaft ball bearings ensure that your product is conveyed in the most cost effective way possible.

The air inlet and product outlet conveying tubes can be manufactured to any diameter and any length, ensuring a seamless integration into your system.

Flange drilling is as shown on the dimensional datasheet but where possible we're happy to manufacture to suit your existing installation.

NEED MORE WEAR RESISTANCE?

The BTV range is designed to provide a low cost means of conveying relatively free flowing, non abrasive products and as such has been designed with economy in mind.

The BTV is designed to handle mildly abrasive products such as flour and sugar but is not used for more abrasive products such as sand or cement.

For a more heavy duty, hard wearing and abrasion resistant valve we have our RBS and RBX product range which include further options for rotor blade tips, venting, zero maintenance mechanical shaft seals, wear resistant body construction, heavy duty bearings and high temperature options.

For the ultimate in longevity, our nihard and ceramic TWA range can be used with extremely abrasive materials such as silica and fly ash.

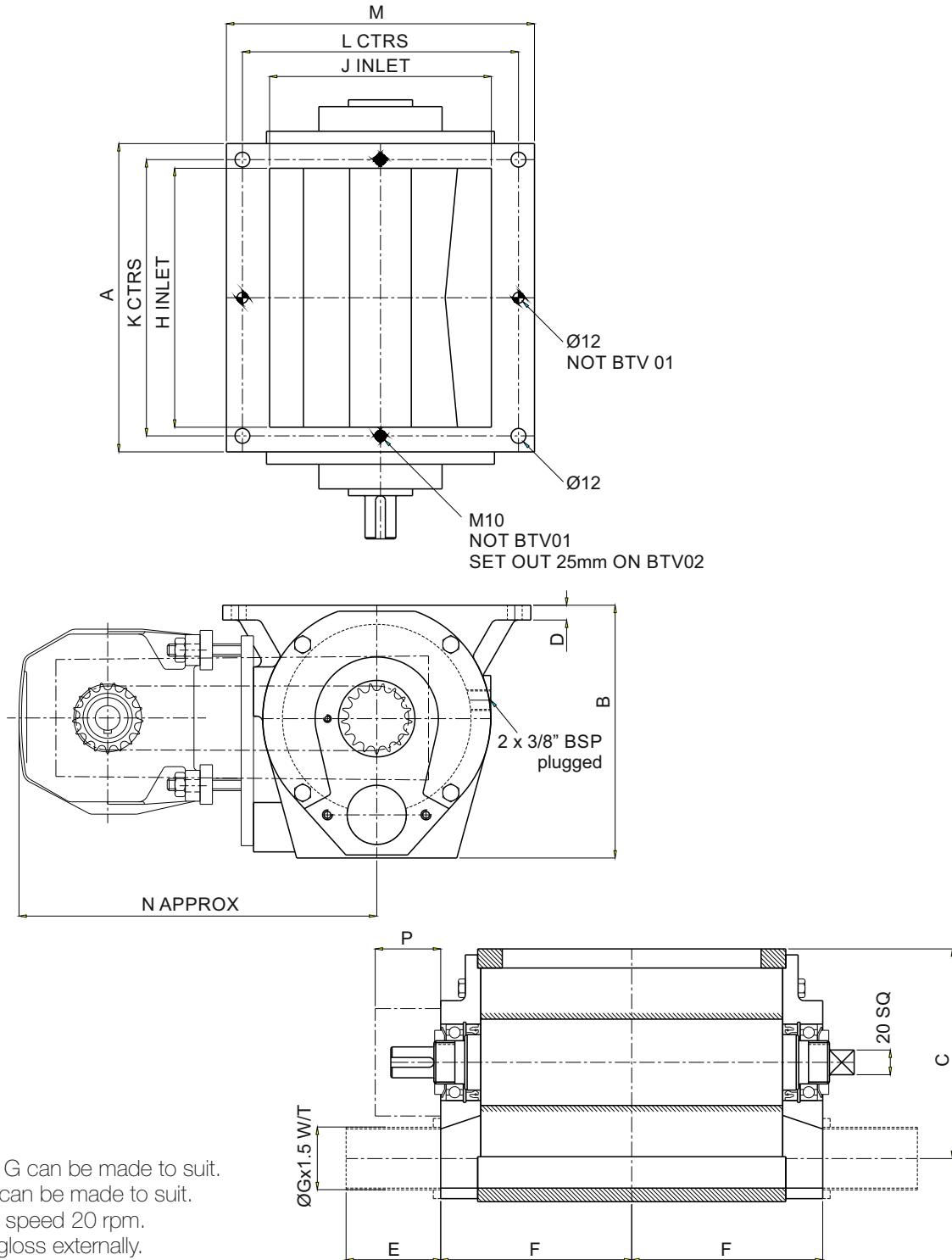
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Manufacturers of powder handling equipment since 1959

www.mid.uk.com



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Tube diameter G can be made to suit.
 Tube length E can be made to suit.
 Standard rotor speed 20 rpm.
 Painted white gloss externally.
 Internally unpainted.

Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	I/rev
01	250	207	170	12	50	155	41.3	210	180	224	224	250	355	55	2.8
02	350	270	225	12	60	192	50.8	280	230	270	270	300	395	60	5.6
04	390	330	275	15	80	207	76.3	310	290	360	340	370	410	60	11.3

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