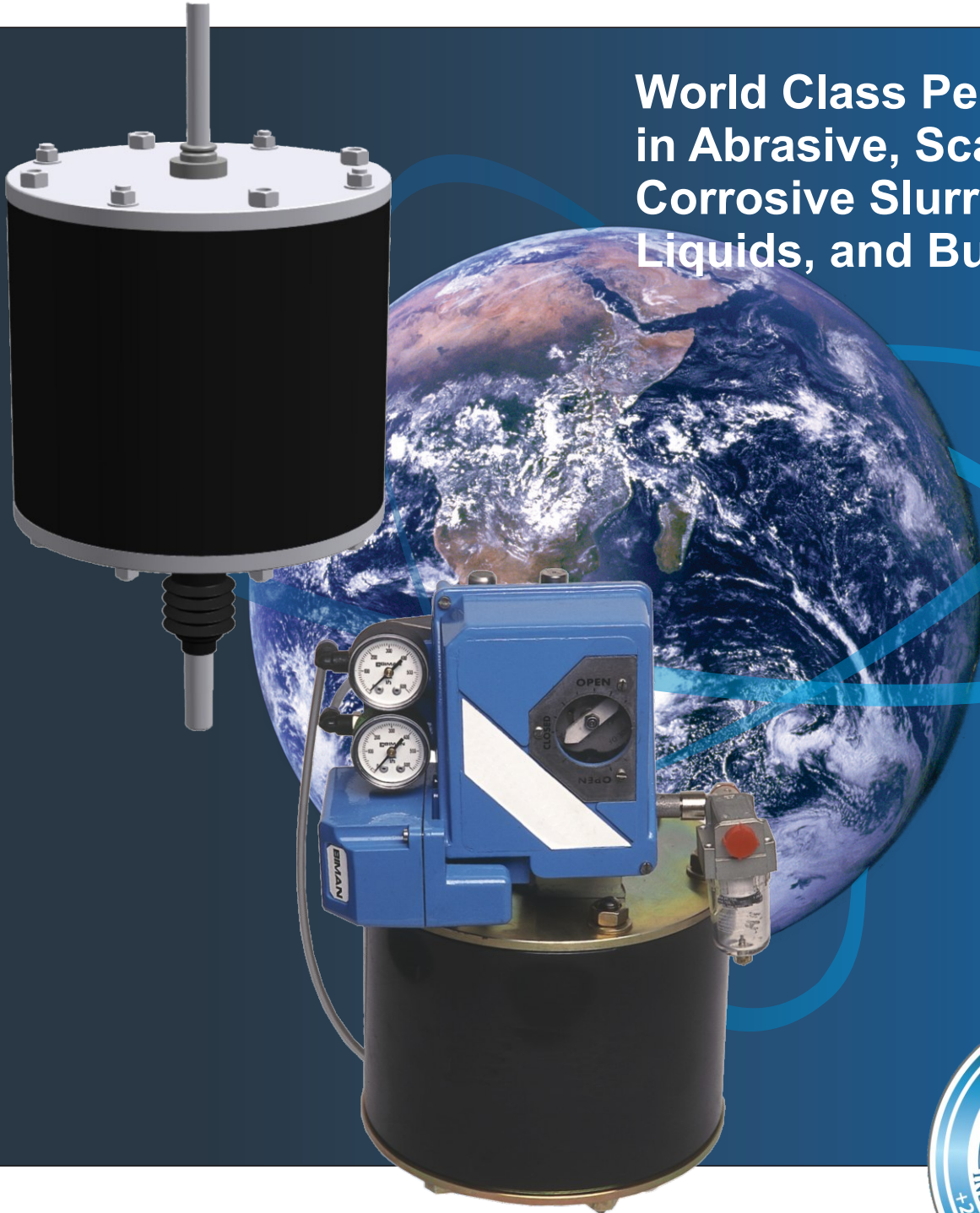


World Class Performance  
in Abrasive, Scaling and  
Corrosive Slurries, Sludge,  
Liquids, and Bulk Solids



***DFC PNEUMATIC ACTUATORS***



## THRUST FORCES FOR DOUBLE ACTING LINEAR ACTUATORS (kN)

MODEL	2 BAR	3 BAR	4 BAR	5 BAR	6 BAR	7 BAR
BFC 080/DA	0.9	1.3	1.8	2.2	2.6	3.1
BFC 100/DA	1.4	2.1	2.8	3.5	4.1	4.8
BFC 160/DA	3.5	5.3	7.1	8.8	11	12
BFC 200/DA	5.5	8.3	11	14	17	19
BFC 300/DA	12	19	25	31	37	44
BFC 400/DA	22	33	44	55	66	77
BFC 550/DA	47	70	93	117	140	165

## THRUST FORCES FOR SPRING RETURN & AIR FAIL SAFE LINEAR ACTUATORS (kN) DEPENDENT ON VALVE CONFIGURATION

### ACTUATOR FEATURES

- **Positive fail safe** – Spring return
- **Corrosion proof** – Composite filament wound barrel and stainless steel piston shaft
- **Easily maintained** – Simple design
- **Smooth operation** – Ultra smooth barrel
- **Versatile** – Various strokes to suit valve requirements
- **Safety** – Extended sleeve nuts provided to release the spring tension

### POSITIONER SPECIFICATIONS

#### Versatile

- Suitable for linear pneumatic actuators (6mm - 1m stroke)
- Suitable for rotary pneumatic actuators (up to 360°)
- A multi-lobed cam which suits most applications

#### Modular, bolt-on concept

- Suitable for 20-100kPa or 4-20mA signal
- Either single or double acting
- Gauges as an option
- Actuator position feedback as an option

#### User friendly

- Easy to setup and calibrate
- Two alternative supply ports
- Two alternative signal ports
- No pressure regulation required – OK for 100kPa
- Field reversible

#### Other features

- Corrosion resistant and robust construction
- Intrinsically safe to SABS and PTB
- Made in South Africa - all spares available ex-stock
- Choice of cam characteristics
- Available with a NAMUR mounting arrangement

### BIMAN POSITIONER



# BIMAN<sup>®</sup>



## Manufacturers of the following products:

**VENT-O-MAT<sup>®</sup>**



**INSAMCOR<sup>®</sup>**



**VOSA<sup>®</sup>**

**BIMAN<sup>®</sup>**

**SKG**

**Saunders<sup>®</sup>**  
the science inside

# DFC

# DYNAMIC

# FLUID CONTROL

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