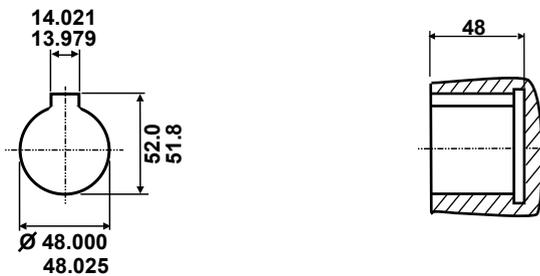
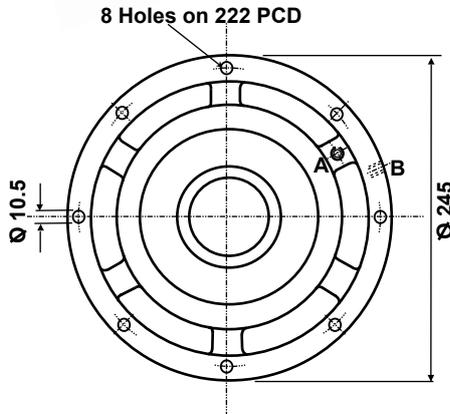
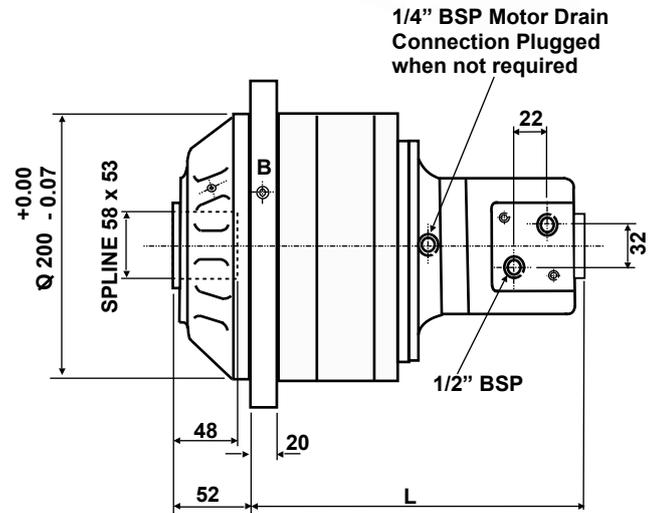




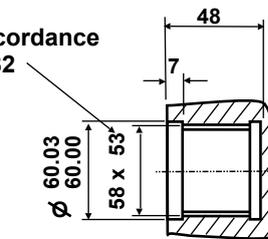
# HYDRAULIC MOTOR REDUCTION UNIT *MGF 5-S*



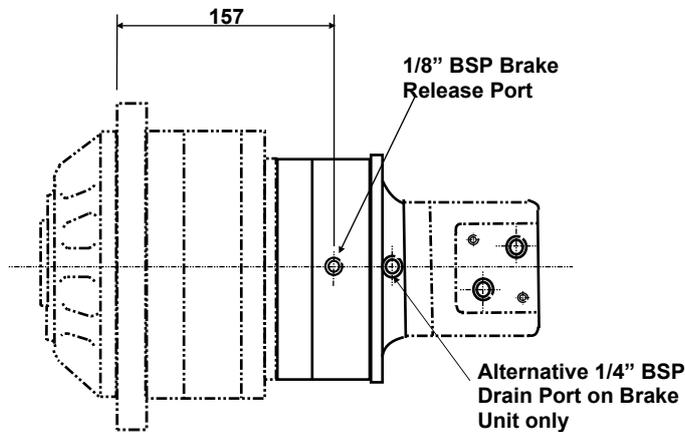
**KEYED SHAFT DETAIL**



Spline in accordance with DIN 5482

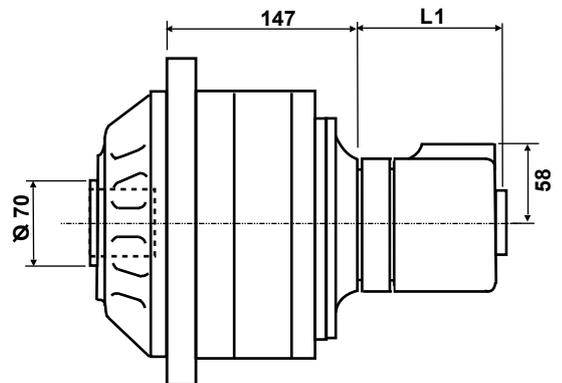


**SPLINED SHAFT DETAIL**



Gearbox unit available with multi-disc  
Fail safe brake. Static rating 10,000 lbf. In 1100 Nm  
Brake Release Pressure 450 psi 31 bar

With brake fitted add 74.5 mm to Dim. 'L'



Ports A & B alternative gearbox drain  
Connections 1/8" BSP.  
Standard units supplied with one plug  
& transit plug. For sealed units one port  
plugged the other fitted with a breather.

See overleaf for mounting details.

**For performance graphs see MS performance sheets**

MGF5 TYPE		75S	100S	125S	150S	200S	250S	300S	400S
DIM <sup>N</sup> -L	mm	239	243	248	253	260	269	281	296
DIM <sup>N</sup> -L <sub>1</sub>	mm	92	96	101	106	113	122	134	149
max cont torque	Nm	1000	1275	1600	1700	2100	2450	3350	2950
max int torque	Nm	1250	1625	2000	2550	3250	3525	4000	4050
WEIGHT	Kgs	45.6	45.8	46.1	46.5	47.0	47.6	48.3	49.1

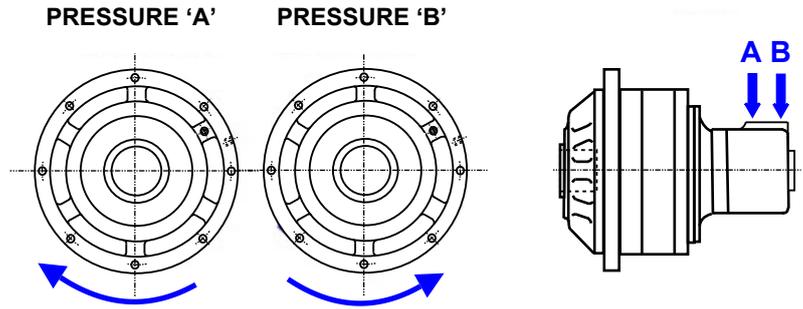
**CONSTRUCTIONAL FEATURES**

- Fully reversible
- High efficiency disc valve motor
- Substantial shaft bearings
- 5:1 Planetary reduction gear
- Integral lubrication

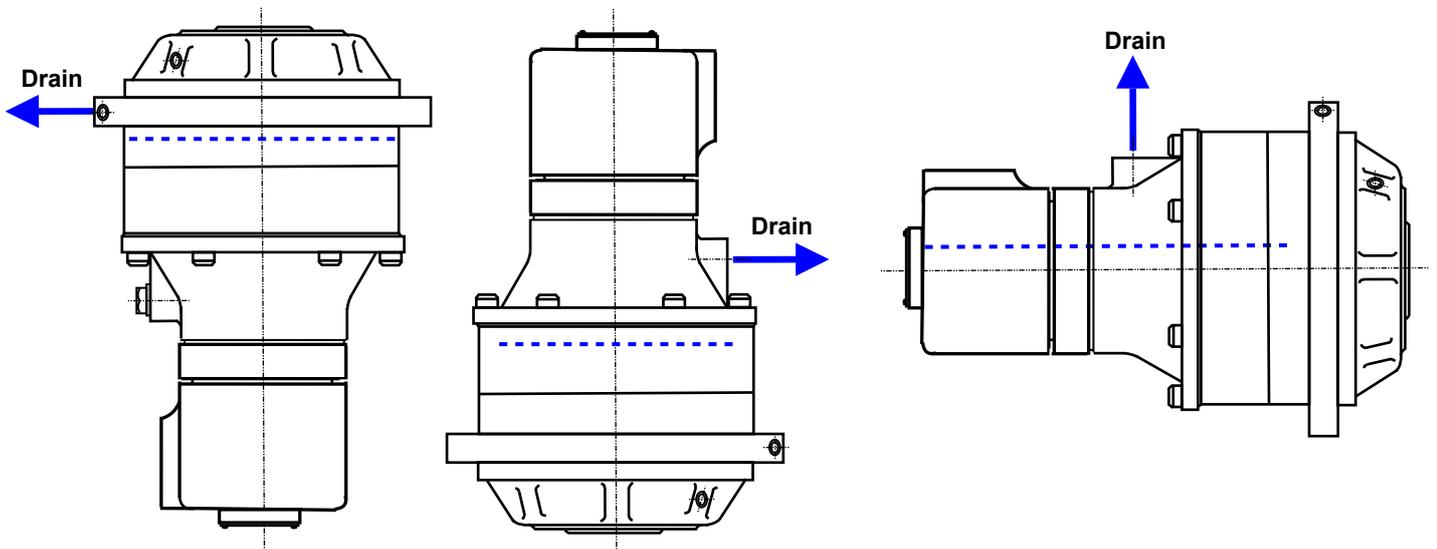
**ALSO AVAILABLE**

- Integral brake

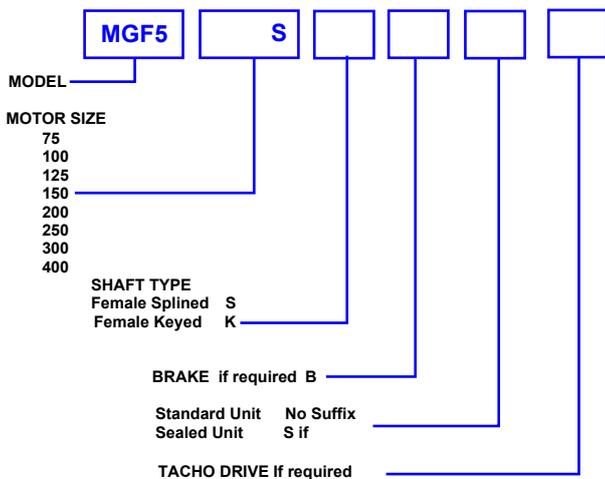
**SHAFT ROTATION**



**MOUNTING POSITIONS**



**ORDERING CODE**



Standard unit must be drained to tank from the highest point as shown.

Sealed motor units fit breather in highest point and fill gearbox to level indicated ..... apprx.0.5 litre.

**Basic Motor Detail**

Mineral based hydraulic fluids with anti-wear additives are recommended, with a viscosity of 35 mm<sup>2</sup>/s at a temperature of 50°C.

Where non-flammable fluids are to be used it is advisable to contact our Technical Department.

Normal operating temperature 30° to 60° C.

Maximum continuous output torque 6250 Nm (55300 lbf.in)

*The policy of Adan Limited is one of continual development and the right is reserved to alter specifications without notice.*



**ADAN LIMITED**

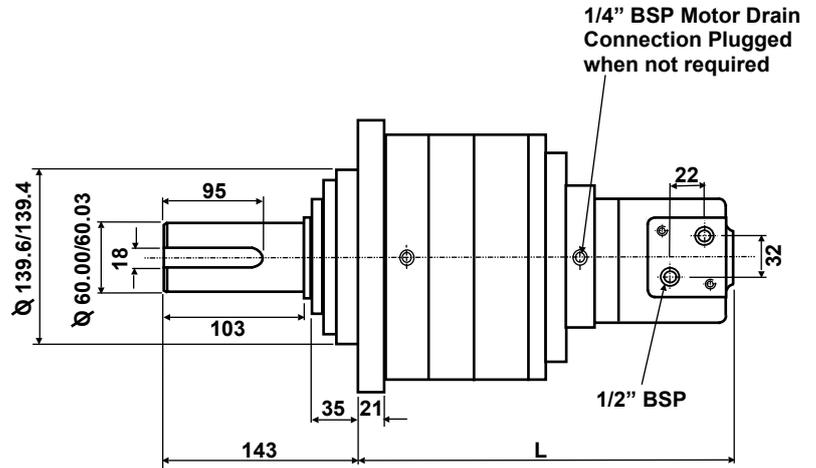
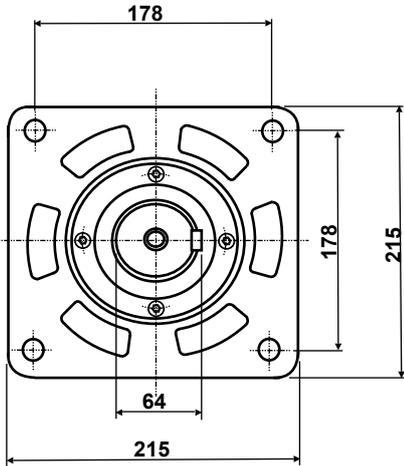
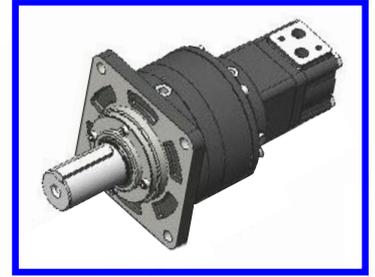
RIVERSIDE IND. ESTATE BOSTON LINCOLNSHIRE ENGLAND  
 Tel: +44 (01205) 311500 Fax: +44 (01205) 358013  
 email: sales@adanltd.co.uk website: www.adanltd.co.uk





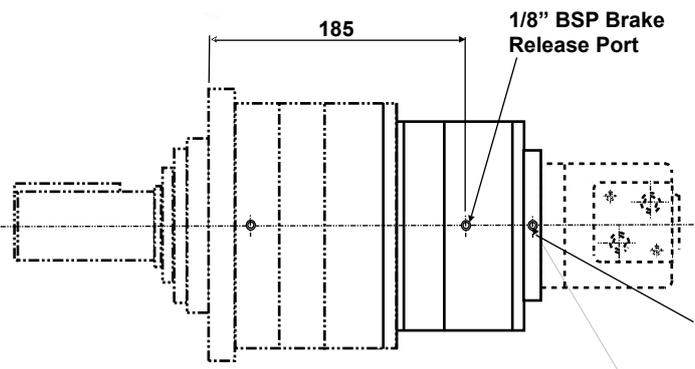
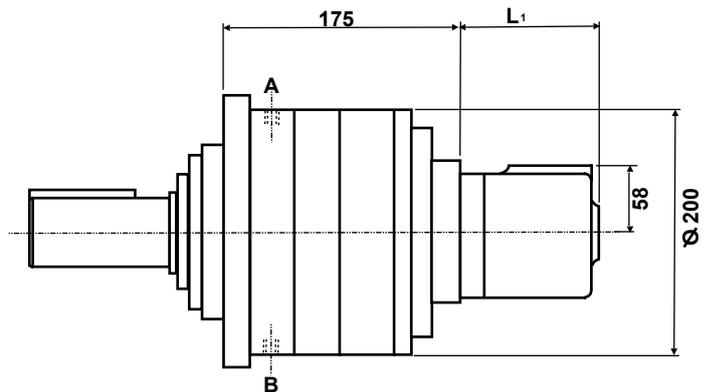
# HYDRAULIC MOTOR REDUCTION UNIT

## MGT 5-S



Ports A & B alternative gearbox drain Connections 1/8" BSP.  
Standard units supplied with one plug & transit plug. For sealed units one port plugged the other fitted with a breather.

See overleaf for mounting details.



Gearbox unit available with multi-disc Fail safe brake. Static rating 10,000 lbf. In 1100 Nm  
Brake Release Pressure 450 psi 31 bar

With brake fitted add 74.5 mm to Dim. 'L'

**For performance graphs see MS performance sheets**

MGT5 TYPE		75S	100S	125S	150S	200S	250S	300S	400S
DIM <sup>N</sup> . L	mm	267	271	276	281	288	297	309	324
DIM <sup>N</sup> . L <sub>1</sub>	mm	92	96	101	106	113	122	134	149
max cont torque	Nm	1000	1275	1600	1700	2100	2450	3350	2950
max int torque	Nm	1250	1625	2000	2550	3250	3525	4000	4050
WEIGHT	Kgs	40.6	40.8	41.1	41.5	42.0	42.6	43.3	44.1

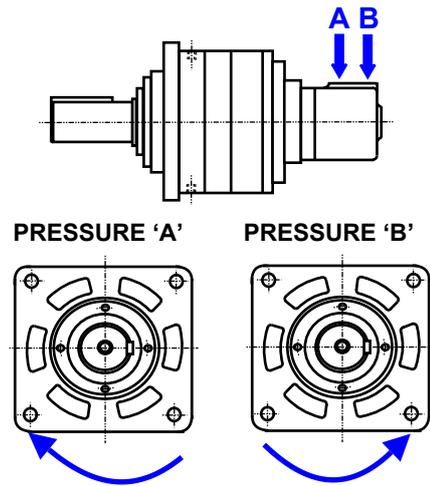
## CONSTRUCTIONAL FEATURES

- Fully reversible
- High efficiency disc valve motor
- Substantial shaft bearings
- 5:1 Planetary reduction gear
- Integral lubrication

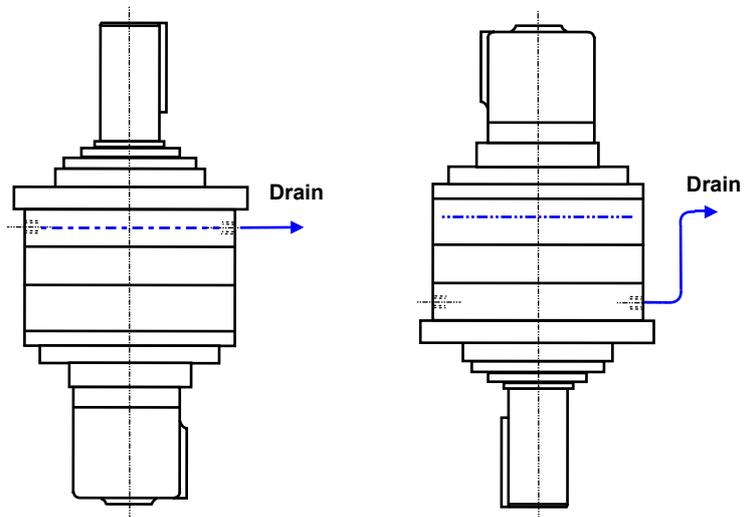
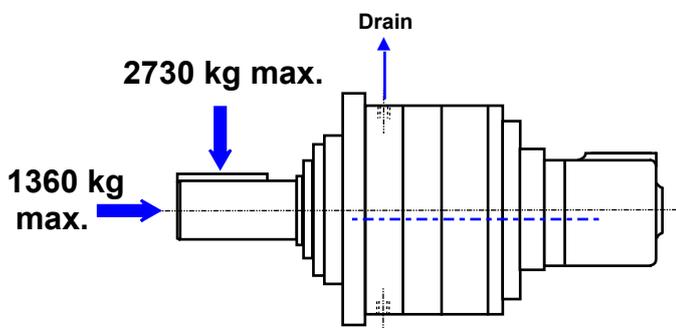
## ALSO AVAILABLE

- Integral brake

## SHAFT ROTATION



## MOUNTING POSITIONS



Standard unit must be drained to tank from the highest point as shown.

Sealed motor units fit breather in highest point and fill gearbox to level indicated ----- approx.0.5 litre.

### Basic Motor Detail

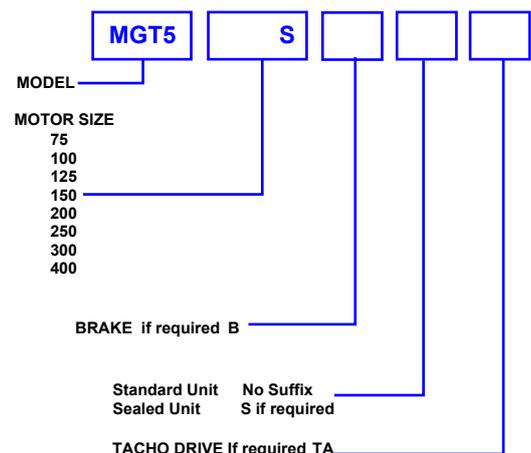
Mineral based hydraulic fluids with anti-wear additives are recommended, with a viscosity of 35 mm<sup>2</sup>/s at a temperature of 50°C.

Where non-flammable fluids are to be used it is advisable to contact our Technical Department.

Normal operating temperature 30° to 60°C.

Maximum continuous output torque 6250 Nm (55300 lbf.in)

## ORDERING CODE



*The policy of Adan Limited is one of continual development and the right is reserved to alter specifications without notice.*



## ADAN LIMITED

RIVERSIDE IND. ESTATE BOSTON LINCOLNSHIRE ENGLAND

Tel: +44 (01205) 311500

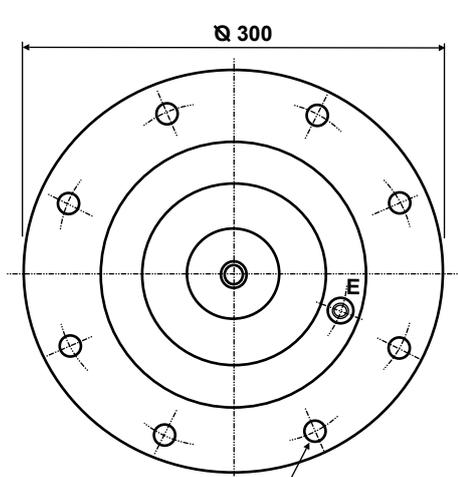
email: sales@adanltd.co.uk

Fax: +44 (01205) 358013

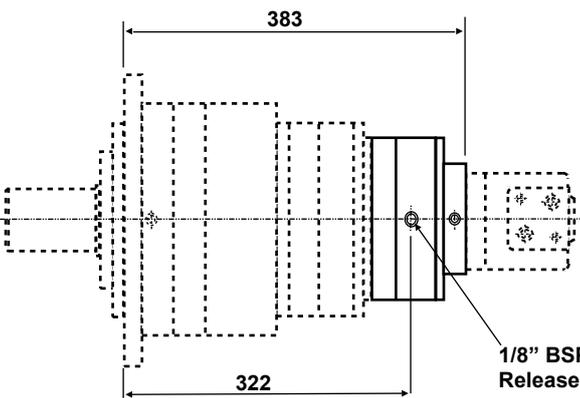
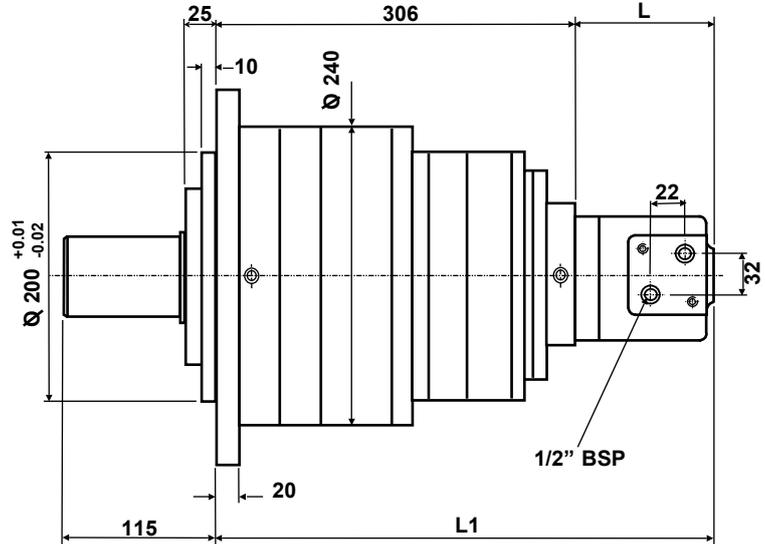
website: www.adanltd.co.uk



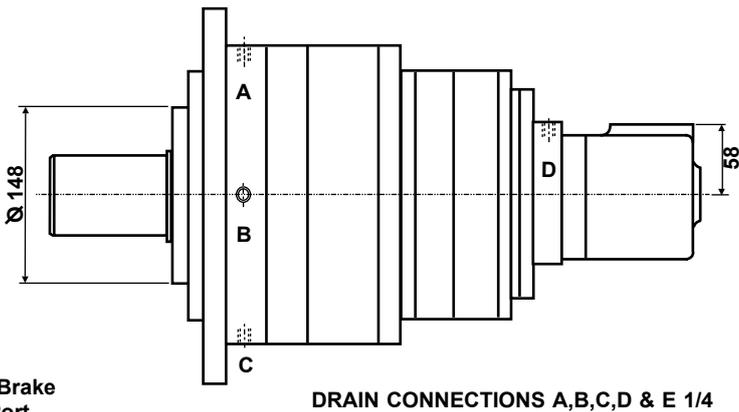
# HYDRAULIC MOTOR REDUCTION UNIT MGV25-S



8 HOLES EQUI-SPACED ON 270 PCD  
DRILL Ø 12.5 THRU

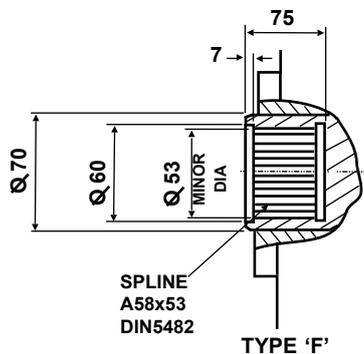


1/8" BSP Brake Release Port

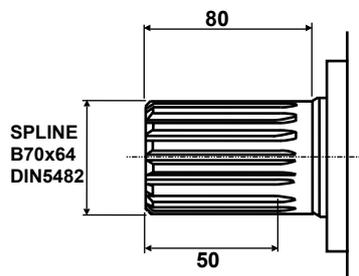


Gearbox unit available with multi-disc

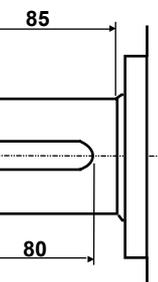
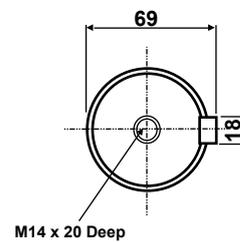
Fail safe brake. Static rating 10,000 lbf. In 1100 Nm Brake Release Pressure 450 psi 31 bar



TYPE 'F'



TYPE 'S'



TYPE 'M'

MGV25 SIZE		75S	100S	125S	150S	200S	250S	300S	400S
DIM <sup>N</sup> . L	mm	85	88	93	99	106	115	126	140
DIM <sup>N</sup> . L <sub>1</sub>	mm	391	394	399	405	412	421	432	446
max cont torque	Nm	5000	6375	8000	8500	9375	9375	9375	9375
max int torque	Nm	6250	8125	10000	10000	10000	10000	10000	10000
WEIGHT	Kgs	90.1	90.2	90.6	90.8	91.2	91.8	92.7	93.5

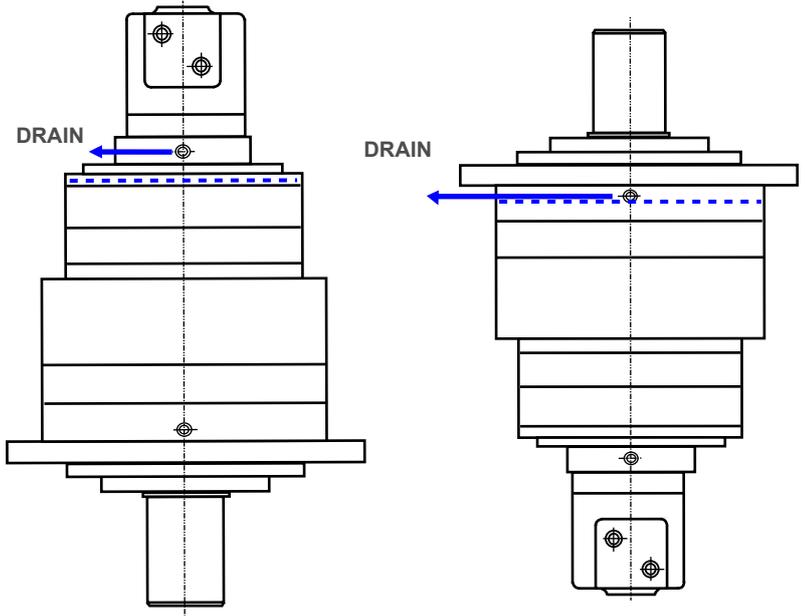
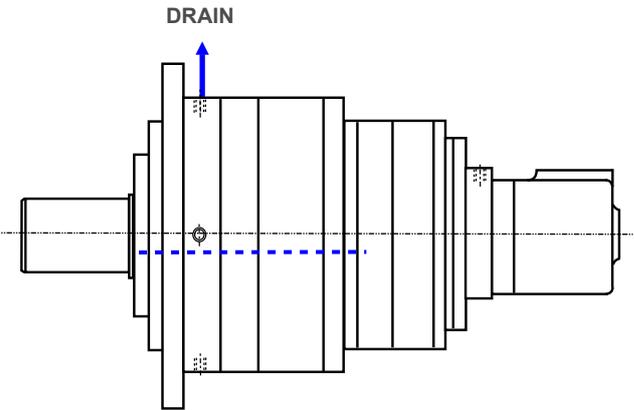
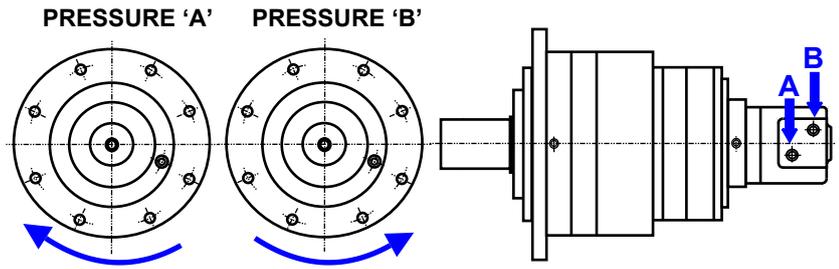
**CONSTRUCTIONAL FEATURES**

- Fully Reversible
- High efficiency disc valve motor
- Substantial shaft bearings
- 25:1 Ratio Planetary reduction gear
- Integral lubrication

**ALSO AVAILABLE**

- Integral Brake

**SHAFT ROTATION**



Standard unit must be drained to tank from the highest point as shown.

Sealed motor units fit breather in highest point and fill gearbox to level indicated -----

**Basic Motor Detail**

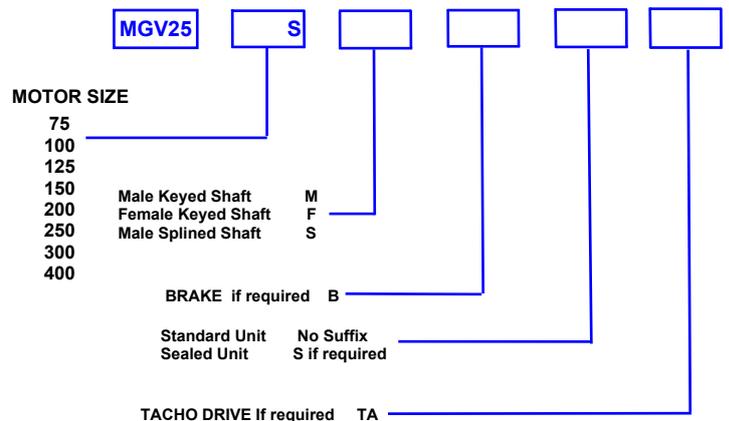
Mineral based hydraulic fluids with anti-wear additives are recommended with a viscosity of 35 mm<sup>2</sup>/s at a temperature of 50°C.

Where non-flammable fluids are to be used it is advisable to consult our technical department.

Normal operating temperature 30° to 60° C.

Maximum continuous output torque 9375 Nm (82875 lbf.in)

**ORDERING CODE**



*The policy of Adan Limited is one of continual development and the right is reserved to alter specifications without notice.*



**ADAN LIMITED**

RIVERSIDE IND. ESTATE BOSTON LINCOLNSHIRE ENGLAND  
 Tel: +44 (01205) 311500 Fax: +44 (01205) 358013  
 email: sales@adanltd.co.uk website: www.adanltd.co.uk

