



**⚠ WARNING !  
READ USER MANUAL**

Weight in air.....23,5 Kg  
Volum.....10 L  
Pressure.....0,25 - 0,35 Bar  
Connections:  
By manifold plate. For interface, see sht.2.  
Depth rate:  
Without sensor.. Full Ocean Depth  
With sensor..... 3000m

|      |      |                                |                 |          |
|------|------|--------------------------------|-----------------|----------|
| 35   | 1    | Warning sign                   | AB25-1000M80    |          |
| 34   | 2    | Zinc Anode, SP6 1180           | Sleipner Motor  | Zinc     |
| 33   | 1    | Pressure Relief Valve 0.8bar   | 100199          | SS       |
| 32   | 1    | 1/2" BSP Plug                  |                 | SS       |
| 31   | 1    | 1/4" BSP Niple                 | SVHN4-4RP       | SS       |
| 30   | 1    | Male/male BSP adaptor 1/4-3/8" | 6-4HMK4SS       | SS       |
| 29   | 1    | 3/8" Bonded Seal               |                 | SS       |
| 28   | 1    | 1/4" Bonded Seal               |                 | SS       |
| 27   | 1    | Vent Screw                     | AF44-1000M27    |          |
| 26   | 1    | O-Ring                         | Ø 13,94 x 2,62  | NBR 70   |
| 25   | 1    | O-Ring                         | Ø 171.04 x 3.53 | NBR 70   |
| 24   | 4    | Bissel Pin                     | Ø 4x8 DIN1481   | A4       |
| 23   | 28   | Threaded Fastener M6           | ENSAT 30206050  | A4       |
| 22   | 3    | Socket head Cap Screw          | M6x30 DIN912    | A4       |
| 21   | 22   | Socket Contersunk Head Screw   | M6x30 DIN7991   | A4       |
| 20   | 8    | Socket Contersunk Head Screw   | M6x25 DIN7991   | A4       |
| 19   | 8    | Socket Contersunk Head Screw   | M6x20 DIN7991   | A4       |
| 18   | 1    | O-Ring                         | Ø 209,14 x 3,53 | NBR 70   |
| 17   | 1    | O-Ring                         | Ø 253,59 x 3,53 | NBR 70   |
| 16   | 1    | O-Ring                         | Ø 58 x 3        | NBR 70   |
| 15   | 1    | Membrane                       | BFA 250-240-120 |          |
| 14   | 1    | Linear Sensor                  | LTS-0200        |          |
| 13   | 1    | V-Clamp, 3 Segments            | Q130293005AB2Y  |          |
| 12   | 1    | Circlip                        | Ø24 DIN472      | A4       |
| 11   | 1    | Magnet                         |                 |          |
| 10   | 1    | Spring Dt10 x Dy150 x Lo750    | L-30154         | SS2331-6 |
| 9    | 1    | Linear Sensor Adapter          | AA81-DR002      | POM      |
| 8    | 1    | Membrane Holder                | AF44-1000M33    |          |
| 7    | 1    | Piston                         | AF44-1000M32    |          |
| 6    | 1    | Spring Guide                   | AF44-1000M13    |          |
| 5    | 1    | Spring Retainer                | AF44-1000M12    |          |
| 4    | 1    | Housing Seawater Side          | AF44-1000M11    |          |
| 3    | 1    | Housing Oil Side               | AF44-1000M20    |          |
| 2    | 1    | Lid                            | AF44-1000M22    |          |
| 1    | 1    | Frame                          | AF44-1000M23    |          |
| Itm. | Qty. | Description                    | Drg. / Spec.    | Material |

|      |          |                       |      |     |     |
|------|----------|-----------------------|------|-----|-----|
| 01   | 21.11.13 | ISSUED FOR PRODUCTION | AHO  | GVI | EKB |
| A    | 16.09.13 | ISSUED FOR COMMENTS   | AHO  | GVI | EKB |
| Rev. | Date     | Description           | Prep | Chk | App |



|   |                                    |                       |
|---|------------------------------------|-----------------------|
| Drawing title<br>Compensator - 10 Litre<br>Manifold Version With Sensor<br>General Arrangement                                |                                    | Size<br>A3            |
| KYSTDESIGN AS<br>Strandgaten 202, 5525 Haugesund, NORWAY<br>Tel: +47 52 70 62 50<br>Fax: +47 52 70 62 01<br>www.kystdesign.no | Scale<br>File name<br>AF44-1000M01 | Sheet<br>1<br>of<br>2 |

[illegible]

A3

|                           |            |
|---------------------------|------------|
| Scale                     | Sheet<br>2 |
| File name<br>AF44-1000M01 | of<br>2    |