



SECTION C-C
E-E

DETAIL 1
Section E-E
SCALE 1:1

DETAIL 2
SCALE 1:1

| Item. | Qty. | Description | Drg. / Spec. | Product no. | Material |
|-------|------|--|----------------------------|-------------|--------------------|
| 45 | 3 | Cap Screw M6x20 | DIN 912 | 100456 | A4-80 |
| 44 | 3 | Norlock Washer Ø6 | NL6SS/HL6SS | | A4-80 |
| 43 | 6 | Norlock Washer Ø12 | NL12SS/HLS12SS | | A4-80 |
| 42 | 6 | Norlock Washer Ø10 | NL10SS/HLS10SS | | A4-80 |
| 41 | 3 | Norlock Washer Ø8 | NL8SS/HL8SS | | A4-80 |
| 40 | 3 | Lock Nut M12 | DIN 985 | 165 | A4 |
| 39 | 3 | Lock Nut M8 | DIN 985 | 100006 | A4 |
| 38 | 2 | Lock Nut M5 | DIN 985 | 164 | A4 |
| 37 | 6 | Cap Screw M12x40 | DIN 912 | 100464 | A4-80 |
| 36 | 6 | Cap Screw M10x40 | DIN 912 | 100470 | A4-80 |
| 35 | 3 | Cap Screw M8x45 | DIN 912 | 100545 | A4-80 |
| 34 | 10 | Cap Screw M6x12 | DIN 912 | 100560 | A4-80 |
| 33 | 2 | Cap Screw M6x10 | DIN 912 | 100723 | A4-80 |
| 32 | 2 | Countersunk Screw M5x16 | DIN 7991 | 100526 | A4-70 |
| 31 | 2 | Cap Screw M5x16 | DIN 912 | 101445 | A4-80 |
| 30 | 6 | Cap Screw M4x10 | DIN 912 | 104020 | A4-80 |
| 29 | 1 | Magnet | AF64-1015M28 | 102292 | |
| 28 | 1 | Linear Position Sensor | AE64-1000M15 | 101272 | |
| 27 | 1 | Proximity Switch | AE07-1000M01 | 101061 | |
| 26 | 3 | Split pin Ø8x40 | ISO 13337 | | SS |
| 25 | 6 | Spring D12 Dm10 L079,5 | 6134 | 101911 | |
| 24 | 6 | Spring D13,2 Dm16 L083 | 6743 | 101912 | SS |
| 23 | 6 | Flange Bushing | Igus XFM-3034-26 | 139 | Iglidur X |
| 22 | 3 | Torsion Spring D14 Dm16 Nv1,95x2 L56 B60 | AF64-1017M36 4310-07524 | 101909 | SS EN-10270-3.1 |
| 21 | 1 | Latch Switch Actuator | AF64-1017M35 | 101834 | AISI 316 |
| 20 | 1 | Latch Switch Bracket | AF64-1017M34 | 101833 | AISI 316 |
| 19 | 1 | Position Sensor Bracket | AF64-1017M33 | 101832 | AISI 316 |
| 18 | 1 | Position Magnet Bracket | AF64-1017M32 | 101831 | AISI 316 |
| 17 | 1 | Home Switch Bracket | AF64-1017M31 | 101830 | AISI 316 |
| 16 | 12 | Spring Seat | AF64-1017M29 | 101616 | JM7-15 |
| 15 | 3 | Latch Release Rod Sleeve | AF64-1017M28 | 101899 | AISI 316 |
| 14 | 3 | Latch Release Rod | AF64-1017M27 | 101898 | AISI 316 |
| 13 | 3 | Latch Pivot | AF64-1017M24 | 101626 | S165M W1.4418 |
| 12 | 3 | Latch Spring Follower | AF64-1017M23 | 101897 | POM-C |
| 11 | 3 | Torsion Spring Shaft | AF64-1017M22 | 101614 | AISI 316 |
| 10 | 3 | Latch | AF64-1017M21 | 101896 | S165M W1.4418 |
| 09 | 3 | Latch Cylinder Ø50x25x90 | AF64-1017M20 | 101953 | SS |
| 08 | 3 | Cylinder Retainer | AF64-1017M19 | 101895 | AISI 316 |
| 07 | 6 | Rod Fitting - Shell | AF64-1017M18 | 101625 | S165M W1.4418 |
| 06 | 6 | Rod Fitting - Hemisphere | AF64-1017M17 | 101624 | JM1-15 |
| 05 | 1 | Latch Retainer Sleeve | AF64-1017M15 | 101894 | JM1-15 |
| 04 | 1 | Latch Actuator Ring | AF64-1017M14 | 101893 | JM7-20 |
| 03 | 1 | Latch Body Top | AF64-1017M13 | 101892 | S165M W1.4418 |
| 02 | 1 | Latch Body | AF64-1017M12 | 101891 | S165M W1.4418 |
| 01 | 1 | Latch Housing Welded Assy | AF64-1017M11 | 101857 | AISI 316 |

Item. Qty. Description Drg. / Spec. Product no. Material

| 05 | 21.03.19 | Redesign/Reissued For Production | EJH | AHO | EKB |
|-----------|----------|----------------------------------|------|-----|-----|
| 04 | 27.04.16 | Updated As Built / re-IFC | MT | AHO | EKB |
| 03 | 10.12.15 | Misc. mod's, re-IFR | MT | AHO | EKB |
| 02 | 09.10.15 | Mod. Reissued For Construction | MT | AHO | EKB |
| 01 | 24.06.15 | Issued For Construction | MT | AHO | EKB |
| Rev. Date | | Description | Prep | Chk | App |

 KYSTDESIGN
SUB-SEA TECHNOLOGY

| Drawing title | | | Size |
|--|--|--------------|-------|
| Latching Mechanism ROV Latch Assembly General Assembly | | | |
| KYSTDESIGN AS www.kystdesign.no | | Scale | Sheet |
| | | 1:2 | 2 |
| | | File name | of |
| | | AF64-1017M01 | 2 |