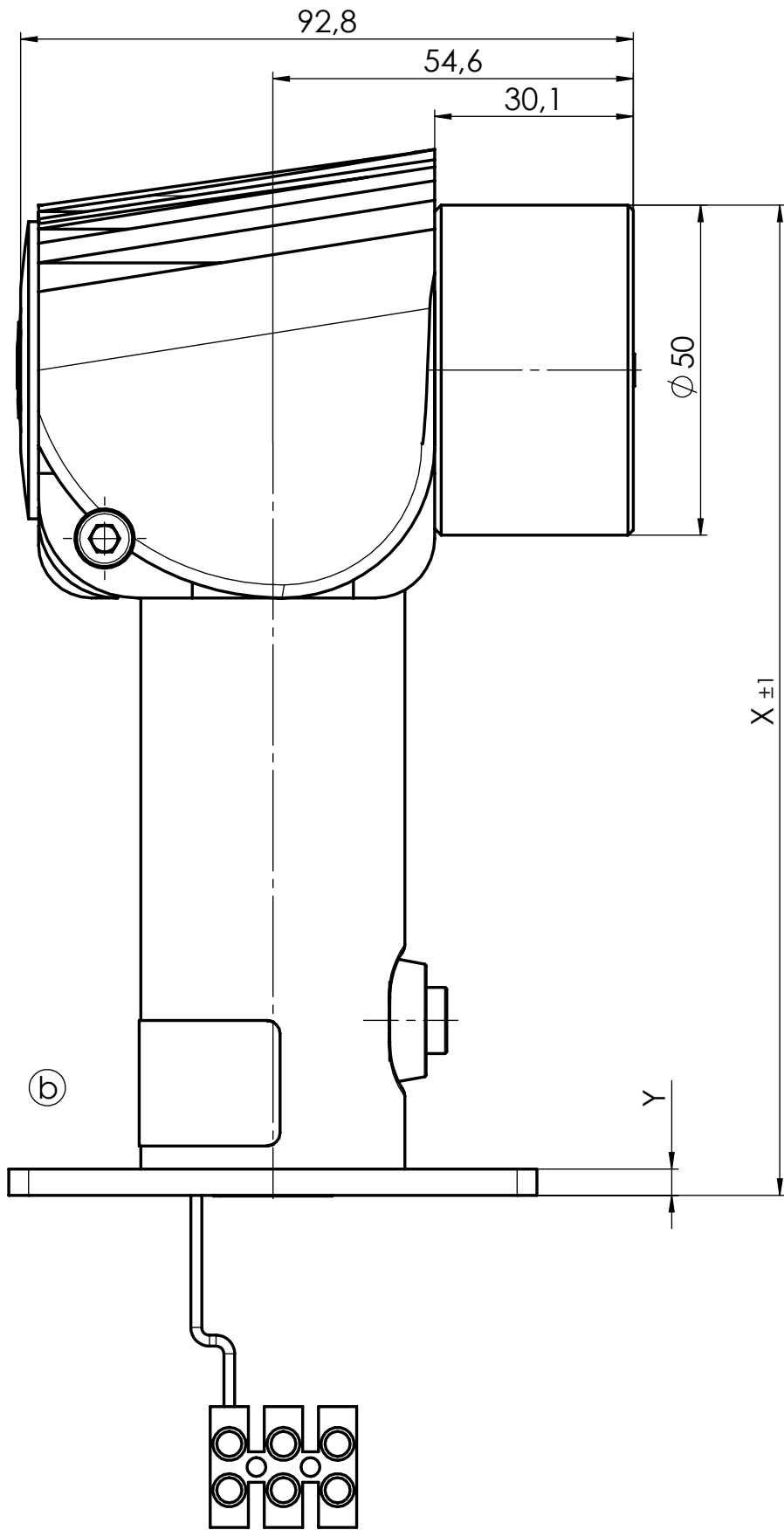
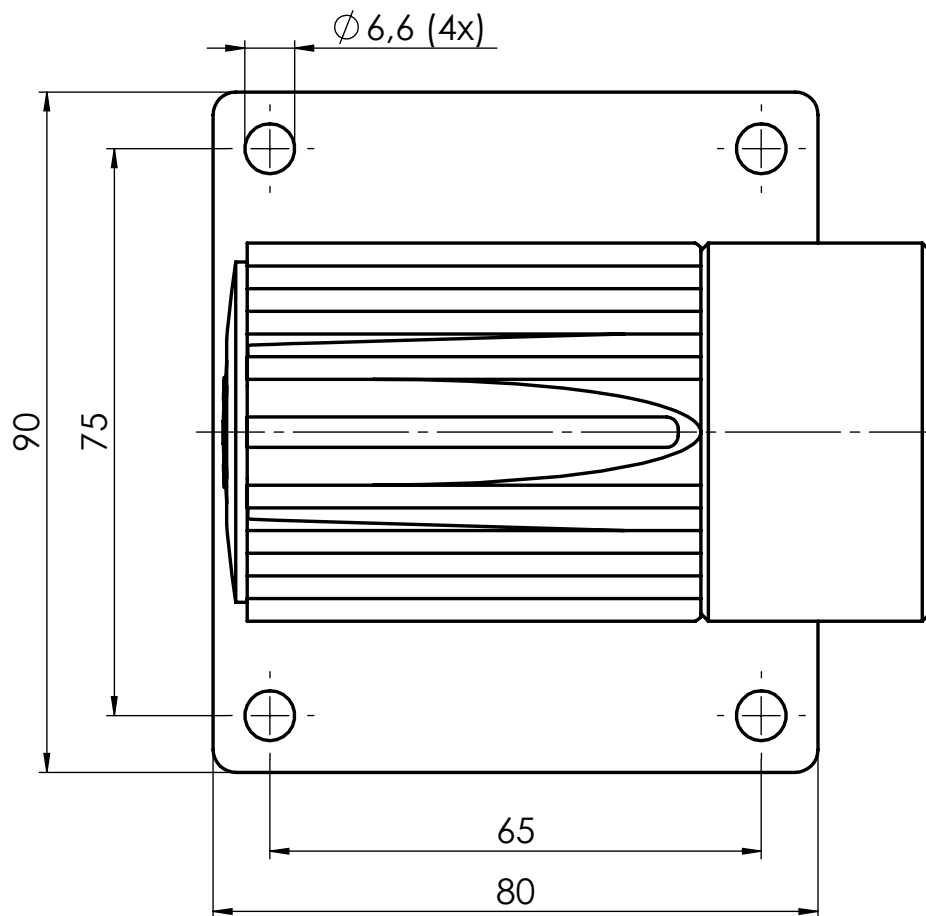
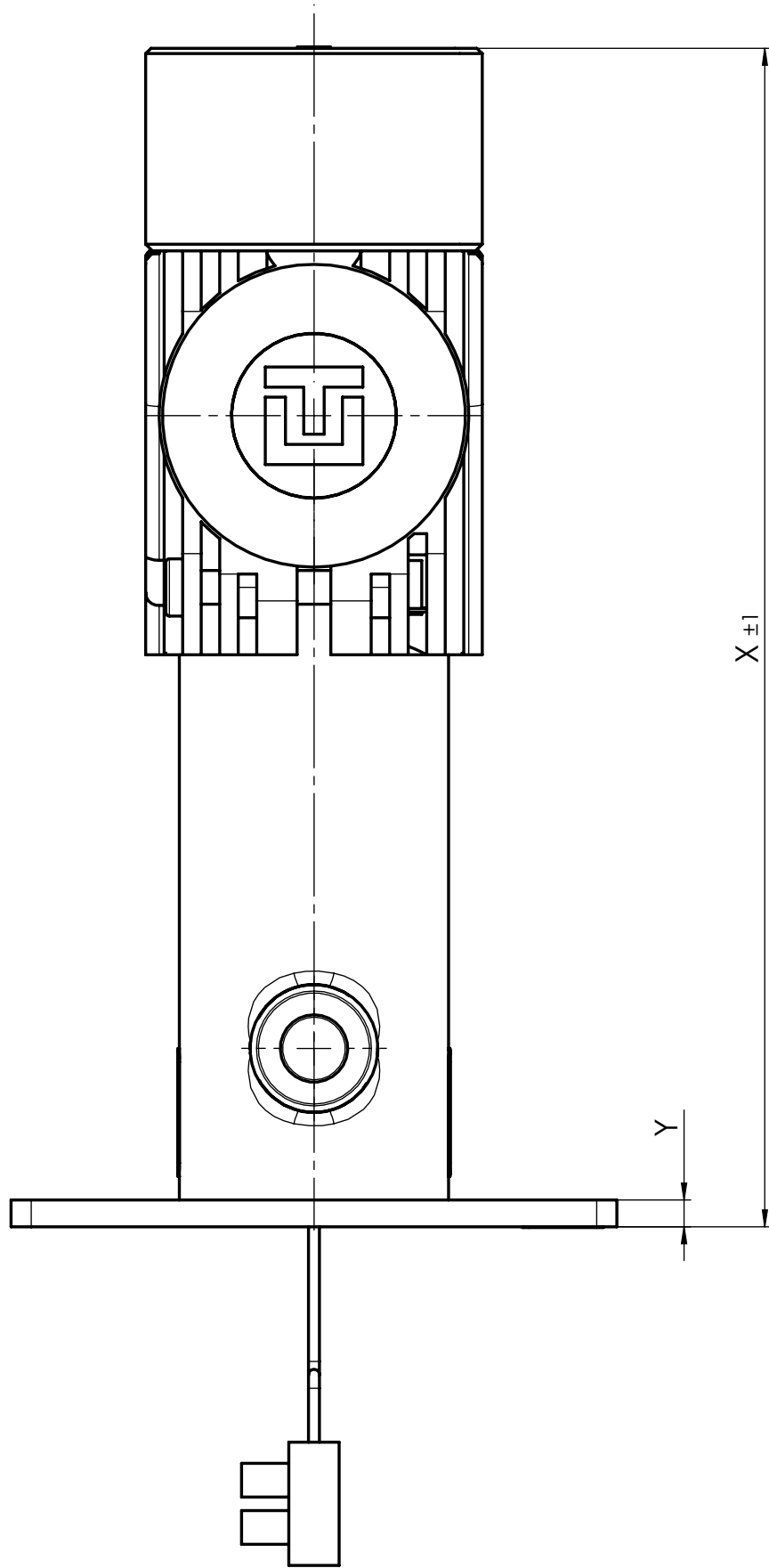
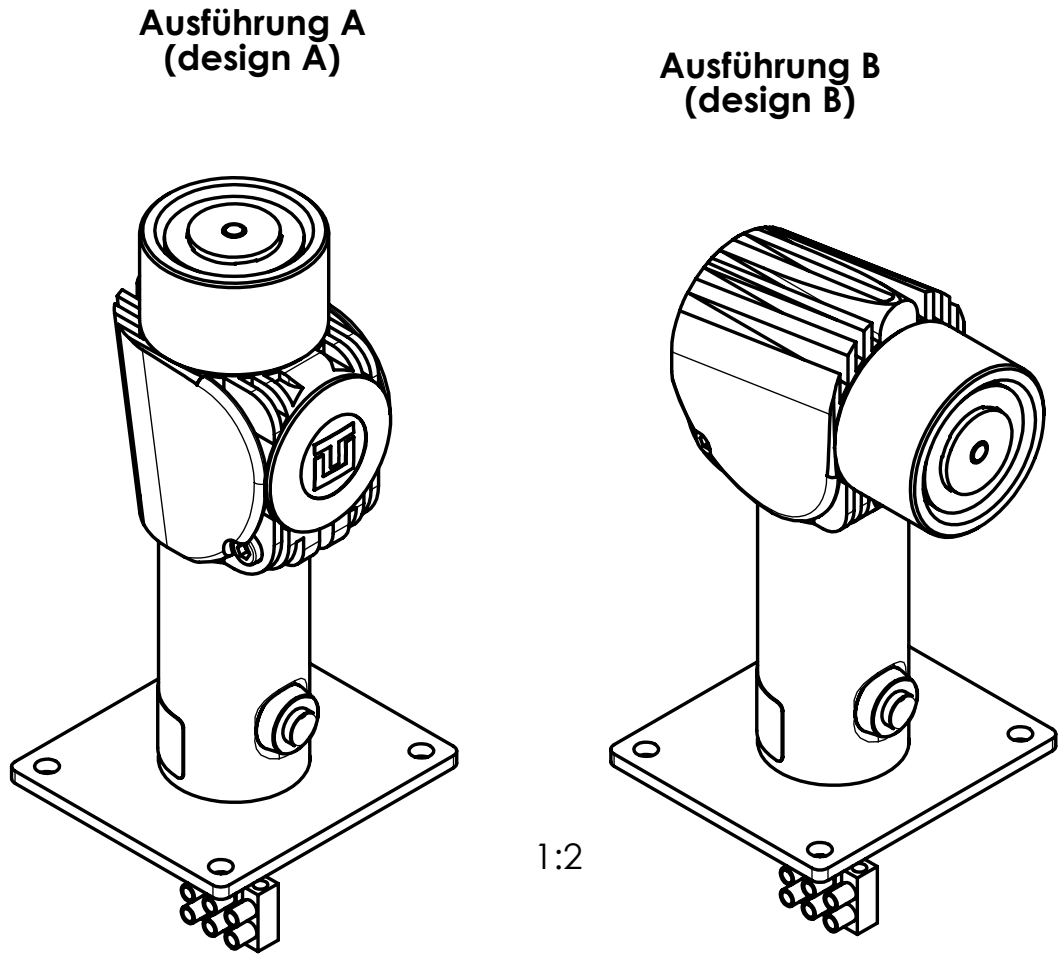


For this drawing we reserve all rights. The transfer, duplication, utilisation and distribution to third persons is expressly prohibited without permission. All patent trademarks and other rights in and to this drawing and design are reserved (DIN ISO 10303-2002)

Freigabe:

Confidential

Weitergabe sowie Vervielfältigung dieser Unterlagen, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patentierung oder Gebrauchsmuster Eintragung vorbehalten. (DIN ISO 10303-2002)



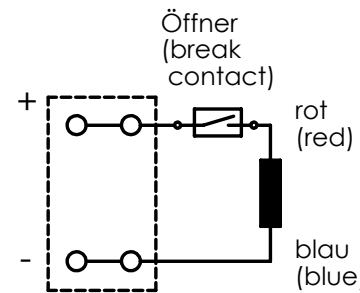
## Technische Daten: (Technical Data)

Elektromagnetische Komponente nach VDE 0580  
(Electromagnetic components based on VDE 0580)

|                                                                                                         |                                                                                                                       |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Nennspannung:<br>(nominal voltage)                                                                      | 24V DC                                                                                                                |
| Einschaltdauer:<br>(duty cycle)                                                                         | 100 % ED                                                                                                              |
| Nennleistung:<br>(nominal power)                                                                        | 1,5 W                                                                                                                 |
| Schutzart:<br>(types of protection)                                                                     | Gerät (device): IP 65 IEC60529<br>Anschluss (connection): IP 20 IEC60529                                              |
| Erregerwicklung entspr.:<br>der Thermischen Klasse<br>(excitation winding acc.<br>to the thermal class) | B (130°C)                                                                                                             |
| Oberflächenschutz:<br>(surface protection)                                                              | Korrosionsbeständigkeit nach<br>ISO 19598 / CrVI-frei<br>(corrosion resistance according to<br>ISO 19598 / CrVI-free) |
| Haftkraft:<br>(holding force)                                                                           | 490 N                                                                                                                 |
| mit Unterbrecher-Drucktaster<br>(with breaker push-button)                                              |                                                                                                                       |

| Maße je nach Bestellung<br>(dimensions according to order) |   |
|------------------------------------------------------------|---|
| X                                                          | Y |
| 150                                                        | 4 |
| 200                                                        | 4 |
| 300                                                        | 4 |
| 450                                                        | 6 |

## Schaltbild: (circuit diagram)



Maße unterliegen der  
Qualitätskontrolle  
(values underlie the  
quality control)

|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|----------------------------------|--|--|--|--|---------------------------------------------------------------------------------------|--|------------------|--|--------------------------------------------------|--|---------------------------------------------------|--|--------------------------------------------------|--|-----------|--|----------------------------------|--|----------|--|
| Projektionsmethode<br>PROJECTION |  |  |  |  |  |  | ISO 128<br>1 (E) |  | Werkstückkanten<br>WORK PIECE EDGES<br>ISO 13715 |  | Nennmassbereich / NOMINAL SIZE RANGE 0,2...0,5 mm |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  | Allgemeintoleranz<br>GENERAL TOLERANCE           |  | Oberfläche<br>SURFACE                             |  | Längenmasse<br>LENGTH DIMENSION                  |  | ± 0,05 mm |  | Radien, Fasen<br>RADIA, CHAMFERS |  | ± 0,1 mm |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  | ISO 2768 -mK                                     |  | ISO 1302                                          |  | Maßstab / SCALE                                  |  | 1: 1      |  | Art.Nr. / MAT.-NO.               |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Werkstoff, Ausgangsteil / MATERIAL, INITIAL PART |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Benennung / DESCRIPTION                          |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Tuerhaltemagnet                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Door holding magnet                              |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Zeichnungsnummer / DRAWING NO.                   |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | GT050R079.01 -O                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Blatt / PAGE                                     |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | 1 Bl. / OF                                       |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | SolidWorks                                       |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Ers. f. / REPL. LogoCAD 28.03.2006 Rev.d         |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  | Format / SIZE A2                                 |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |
|                                  |  |  |  |  |                                                                                       |  |                  |  |                                                  |  |                                                   |  |                                                  |  |           |  |                                  |  |          |  |