

## Application data :

ERDS reducers provided a means of attachment between dissimilar thread types or thread sizes.

## Technical data :

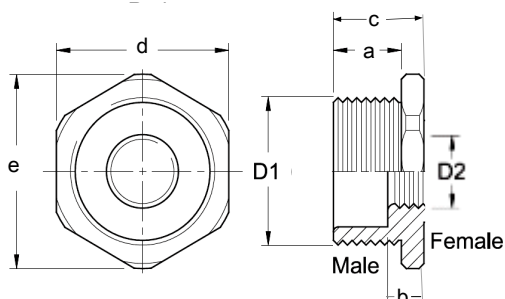
|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| Explosion Protection     | : Ex d IIC T6                                                                                |
| Conforming to            | : Standards IEC 60079-0/1 or UL 60079-1                                                      |
| Marking for test         | : Ex II2G                                                                                    |
| Degree of Protection     | : IP54 acc. To IEC 60529                                                                     |
| Ambient Temp. (Ta)       | : -20 °C to+ 75 °C                                                                           |
| Protection class for UL. | : Class I, Division 1or 2 Group. C,D<br>Class II, Division 1 or 2 Groups. E,F,G<br>Class III |
| Protection class for IEC | : Zone1, 21 and Zone 2, 22                                                                   |
| Conduit hub              | : 1/2" - 2.1/2" NPT                                                                          |



## Specification:

Body and cover : Brass Natural or Chromium plated

## Catalogue Numbers and Dimensions: in mm.



| NPT, Thread Size<br>(D1)Male - (D2)Female<br>( inch ) | ERDM Type | Dimensions in mm. |    |     |     |     |
|-------------------------------------------------------|-----------|-------------------|----|-----|-----|-----|
|                                                       |           | a                 | b  | c   | d   | e   |
| 3/4" - 1/2"                                           | ERDS21    | 200               | 50 | 200 | 280 | 320 |
| 1" - 1/2"                                             | ERDS31    | 200               | 50 | 200 | 370 | 420 |
| 1" - 3/4"                                             | ERDS32    | 200               | 50 | 200 | 370 | 420 |
| 1.1/4" - 1/2"                                         | ERDS41    | 200               | 50 | 240 | 440 | 450 |
| 1.1/4" - 3/4"                                         | ERDS42    | 200               | 50 | 240 | 440 | 450 |
| 1.1/4" - 1"                                           | ERDS43    | 200               | 50 | 240 | 440 | 450 |
| 1.1/2" - 1/2"                                         | ERDS51    | 200               | 50 | 240 | 500 | 550 |
| 1.1/2" - 3/4"                                         | ERDS52    | 200               | 50 | 240 | 500 | 550 |
| 1.1/2" - 1"                                           | ERDS53    | 200               | 50 | 240 | 500 | 550 |
| 1.1/2" - 1.1/4"                                       | ERDS54    | 200               | 50 | 240 | 500 | 550 |
| 2" - 1"                                               | ERDS63    | 240               | 50 | 300 | 740 | 850 |
| 2" - 1.1/4"                                           | ERDS64    | 240               | 50 | 300 | 740 | 850 |
| 2" - 1.1/2"                                           | ERDS65    | 240               | 50 | 300 | 740 | 850 |
| 2.1/2" - 2"                                           | ERDS76    | 270               | 50 | 330 | 820 | 900 |