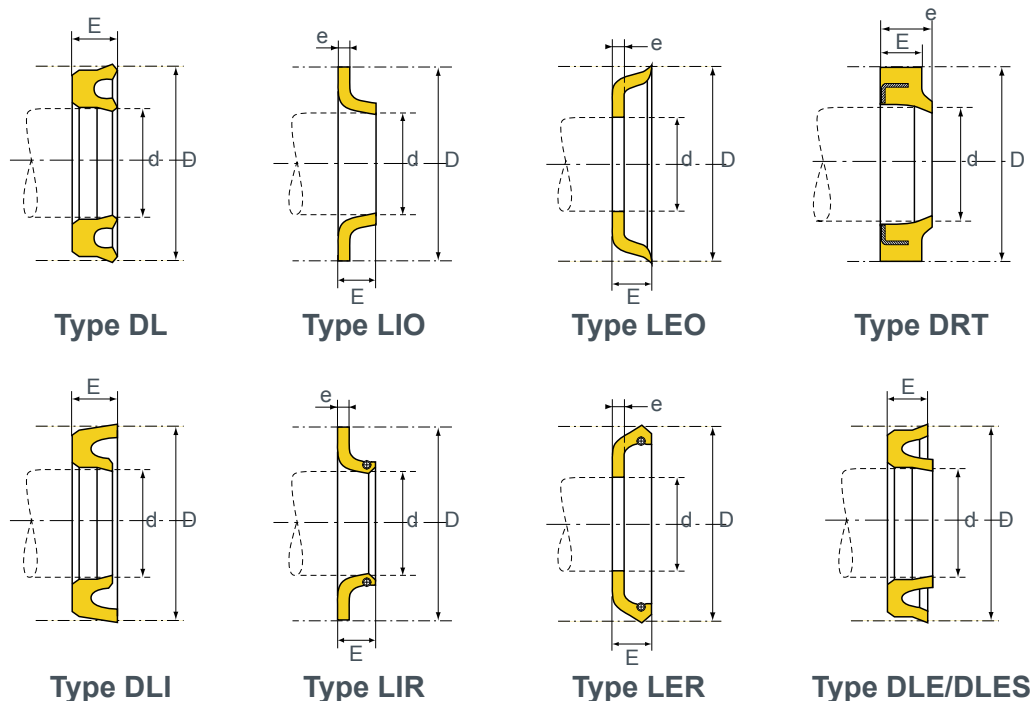




# CATALOGUE OF SEALS FOR SLIDING SHAFTS



- Width of the groove : E + 1 mm (for DL).
- Operating parameters :  
 Maximum admissible pressure : 150 bars (for DL) ; 30 bars (for LIO. LEO).  
 Linear speed admissible : up to 0.3 m/sec depending on the operating conditions.

| d (mm) | D (mm) | E (mm)  | Type | Elastomer | Reference     |
|--------|--------|---------|------|-----------|---------------|
| 4      | 14     | 12      | DL   | NBR       | 710093        |
| 6      | 14     | 11,5    | DL   | NBR       | <b>710620</b> |
|        | 32     | 10      | LEO  | NBR       | 714057        |
| 8      | 14     | 3,5x5   | DRT  | NBR       | 711700        |
|        | 14     | 4       | DLI  | NBR       | 716501        |
|        | 17,9   | 5,5x1,5 | LEO  | NBR       | 714432        |
| 9      | 20     | 4       | DLS  | NBR       | 710678        |
| 10     | 16     | 3,5x5   | DRT  | NBR       | 711701        |
|        | 17,9   | 5,5     | LEO  | NBR       | 714045        |
|        | 20     | 7       | DLP  | NBR       | 711001        |
| 11     | 28     | 7x2,5   | LIO  | NBR       | 712094        |
|        | 36     | 12      | LEO  | NBR       | 714020        |
| 12     | 18     | 3,5x5   | DRT  | NBR       | 711702        |
|        | 22     |         | DLS  | NBR       | 710679        |
|        | 22     | 55      | DLI  | NBR       | 716502        |
|        | 22     | 5x1,5   | LIO  | NBR       | 712350        |
|        | 25     | 6,5     | DLS  | NBR       | 710233        |
| 13     | 21     | 5x2     | LIO  | NBR       | 712414        |
| 14     | 20     | 3,5x5   | DRT  | NBR       | 711703        |

| d (mm) | D (mm) | E (mm) | Type | Elastomer | Reference     |
|--------|--------|--------|------|-----------|---------------|
| 14     | 26     | 8      | LIR  | NBR       | 713653        |
|        | 38,1   | 10     | DL   | NBR       | 710132        |
| 15     | 21     | 3,5x5  | DRT  | NBR       | 711704        |
|        | 25     | 8      | DLT  | NBR       | 711404        |
|        | 25     | 10x3   | LEO  | NBR       | <b>714178</b> |
| 16     | 30     | 10x3   | LEO  | NBR       | <b>714179</b> |
|        | 22     | 3,5x5  | DRT  | NBR       | 711705        |
|        | 24     | 9      | DL   | NBR       | 710129        |
| 18     | 25     | 6,5    | DLE  | NBR       | 716506        |
|        | 26     | 8      | DLT  | NBR       | 711405        |
|        | 28     | 9,6    | DL   | NBR       | 710218        |
|        | 35     | 10     | LER  | NBR       | 715402        |
|        | 35     | 10x3   | LEO  | NBR       | 714418        |
|        | 36     | 8x2,5  | LIO  | NBR       | 712095        |
|        | 38     | 12     | LEO  | NBR       | 714442        |
|        | 40     | 10     | DL   | NBR       | 710343        |
|        | 40     | 12x3   | LEO  | NBR       | 714864        |
|        | 18     | 28     | 5x7  | DRT       | NBR           |
| 30     |        | 8      | DLES | NBR       | 716531        |
| 30     |        | 10     | DL   | NBR       | 710290        |
| 32,9   |        | 7,2    | DL   | NBR       | 710431        |
| 36     |        | 6x2    | LEO  | NBR       | 714006        |
| 36     |        | 7x2,5  | LIO  | NBR       | <b>712005</b> |
| 38     |        | 10     | LIR  | NBR       | 713613        |

The part numbers indicated in bold type are kept in stock.

Abreviations : NBR = Nitrile; FKM = Fluorocarbon

## DIMENSIONS

| d (mm) | D (mm) | E (mm) | Type  | Elastomer     | Reference     | d (mm)        | D (mm) | E (mm)   | Type | Elastomer     | Reference     |               |
|--------|--------|--------|-------|---------------|---------------|---------------|--------|----------|------|---------------|---------------|---------------|
| 18     | 45     | 6x2    | LEO   | NBR           | <b>714645</b> | 40            | 62     | 14,5     | DL   | NBR           | 710489        |               |
|        | 52     | 8x2    | LEO   | NBR           | 714013        |               | 65     | 10x5     | LIO  | NBR           | <b>712491</b> |               |
|        | 55     | 10x3   | LEO   | NBR           | 714471        |               | 42     | 52       | 5x7  | DRT           | NBR           | <b>711716</b> |
| 19     | 37     | 12     | LEO   | NBR           | 714817        | 52            |        | 12       | DLES | NBR           | 716590        |               |
|        | 19,6   | 49     | 10,5  | LEO           | NBR           | 714486        | 45     | 55       | 5x7  | DRT           | NBR           | 711717        |
| 20     |        | 28     | 4,8   | DL            | NBR           | 710777        |        | 63       | 12   | DL            | NBR           | <b>710529</b> |
|        | 30     | 5      | DLI   | NBR           | 716503        | 74            |        | 17x5     | LIO  | NBR           | 712737        |               |
|        | 30     | 5x7    | DRT   | NBR           | 711707        | 48            | 63     | 9        | DLP  | NBR           | 711008        |               |
|        | 30     | 8      | DLT   | NBR           | 711407        |               | 63,5   | 10       | DLE  | NBR           | 716561        |               |
|        | 32     | 8      | DL    | NBR           | 710555        |               | 65     | 3,5x5    | LEOS | NBR           | 714093        |               |
|        | 35     | 6,5    | DLS   | NBR           | 710091        | 50            | 56     | 5x7      | DRT  | NBR           | <b>711746</b> |               |
|        | 35     | 12     | DL    | NBR           | <b>710795</b> |               | 60     | 5x7      | DRT  | NBR           | 711718        |               |
| 40     | 8x3    | LIO    | NBR   | <b>712572</b> | 65            |               | 7x10   | DRT      | NBR  | <b>711745</b> |               |               |
| 40     | 12     | DL     | NBR   | 710111        | 65            |               | 10     | DLT      | NBR  | 711417        |               |               |
| 21     | 40     | 12     | DL    | NBR           | 710023        |               | 70     | 10x3     | LIO  | NBR           | 712571        |               |
|        | 45     | 12     | DL    | NBR           | 710344        |               | 70     | 12       | DL   | NBR           | 710530        |               |
| 22     | 32     | 5x7    | DRT   | NBR           | 711708        |               | 74     | 15       | DL   | NBR           | 710078        |               |
|        | 32     | 7      | DLP   | NBR           | 711004        | 76            | 17     | DL       | NBR  | 710056        |               |               |
|        | 32     | 8      | DLT   | NBR           | 711408        | 50,5          | 66,5   | 12       | DL   | NBR           | 710196        |               |
|        | 32     | 12     | DLES  | NBR           | 716588        |               | 52     | 68       | 10   | LIR           | NBR           | 713809        |
|        | 40     | 12     | DL    | NBR           | 710527        | 55            |        | 63       | 7x10 | DRT           | NBR           | 711747        |
|        | 44     | 10x4   | LIO   | NBR           | <b>712533</b> |               | 65     | 12       | DLES | NBR           | 716591        |               |
| 22,2   | 38     | 6x2,5  | LIO   | NBR           | 712701        |               | 71     | 12       | DL   | NBR           | 710629        |               |
|        | 38     | 10     | LIR   | NBR           | 713702        | 75            | 10     | DLS      | NBR  | 710057        |               |               |
| 24     | 36     | 8x2,5  | LIO   | NBR           | <b>712348</b> | 56            | 66     | 5x7      | DRT  | NBR           | 711720        |               |
|        | 36     | 9,6    | DL    | NBR           | 710289        |               | 72     | 12       | DLES | NBR           | 716533        |               |
| 25     | 52     | 8x2,5  | LIO   | NBR           | 712012        |               | 80     | 12x3     | LIO  | NBR           | 712475        |               |
|        | 40     | 9      | DLP   | NBR           | 711005        | 80            | 14,5   | DL       | NBR  | 710474        |               |               |
|        | 45     | 11     | DL    | NBR           | <b>710061</b> | 57            | 73     | 9,6      | DL   | NBR           | 710086        |               |
|        | 49     | 10,8   | DL    | NBR           | 710060        |               | 58     | 78       | 10   | DLS           | NBR           | 710058        |
|        | 53     | 5x7    | DRT   | NBR           | <b>711709</b> | 60            |        | 70       | 5x7  | DRT           | NBR           | 711721        |
|        | 60     | 10x5   | LEO   | NBR           | <b>714110</b> |               | 80     | 10       | DL   | NBR           | 710423        |               |
| 25,4   | 38,1   | 8      | DLE   | NBR           | 716560        |               | 80     | 12       | LIR  | NBR           | 713611        |               |
|        | 26     | 41     | 8,4   | DL            | NBR           | 710144        | 85     | 7x2,5    | LEO  | NBR           | 714421        |               |
|        |        | 40     | 10    | DLE           | NBR           | 716507        | 89,5   | 20x5     | LIO  | NBR           | 712823        |               |
|        | 28     | 38     | 5x7   | DRT           | NBR           | 711710        | 62     | 85       | 12x3 | LIO           | NBR           | 712131        |
|        |        | 46     | 10    | DL            | NBR           | 710528        |        | 63       | 73   | 5x7           | DRT           | NBR           |
| 47,5   |        | 4x3    | LEO   | NBR           | 714047        | 93            | 18     |          | DL   | NBR           | 710531        |               |
| 49     |        | 13x4   | LIO   | NBR           | 712534        | 63,5          | 203,2  | 28,5x8,7 | LEO  | NBR           | 714497        |               |
| 29     | 41     | 10     | DL    | NBR           | 710570        |               | 64     | 80       | 12   | DL            | NBR           | 710434        |
|        | 30     | 40     | 5x7   | DRT           | NBR           | 711711        |        | 82,5     | 13   | DLE           | NBR           | 716562        |
|        |        | 40     | 12    | DLES          | NBR           | 716589        | 65     | 75       | 5x7  | DRT           | NBR           | 711723        |
|        |        | 42     | 8x2,5 | LIO           | NBR           | <b>712092</b> |        | 83       | 12   | DL            | NBR           | 710729        |
|        | 45     | 8      | DLI   | NBR           | 716629        | 90            |        | 10       | LER  | NBR           | 715403        |               |
|        | 46     | 12     | DL    | NBR           | 710433        | 90            | 10x5   | LIO      | NBR  | 712624        |               |               |
|        | 48     | 10     | DLES  | NBR           | 716532        | 70            | 80     | 5x7      | DRT  | NBR           | 711724        |               |
|        | 95     | 14x4   | LEO   | NBR           | 714539        |               | 80     | 12       | DLES | NBR           | 716592        |               |
|        | 32     | 42     | 5x7   | DRT           | NBR           |               | 711712 | 86       | 12   | DL            | NBR           | 710635        |
| 47     |        | 10     | DLT   | NBR           | 711412        | 95            | 15     | DL       | NBR  | 710025        |               |               |
| 50     |        | 9x3    | LIO   | NBR           | 712535        | 75            | 83     | 7x10     | DRT  | NBR           | 711725        |               |
| 50     |        | 12     | DL    | NBR           | 710470        |               | 91     | 12       | DL   | NBR           | 710413        |               |
| 34     | 44     | 12     | DLES  | NBR           | 716596        | 100           | 10x3   | LIO      | NBR  | 712022        |               |               |
|        | 50     | 14,4   | DL    | NBR           | 710073        | 76,2          | 107,8  | 26,5     | DL   | NBR           | 710569        |               |
|        | 52     | 12x3,5 | LIO   | NBR           | 712694        |               | 78     | 94       | 12   | DL            | NBR           | 710632        |
| 35     | 45     | 7x10   | DRT   | NBR           | 711713        | 80            |        | 88       | 7x10 | DRT           | NBR           | 711726        |
|        | 50     | 9      | DLP   | NBR           | 711006        |               | 90     | 7x10     | DRT  | NBR           | 711744        |               |
|        | 51     | 9,6    | DL    | NBR           | <b>710354</b> |               | 94     | 9        | DLE  | NBR           | 716335        |               |
| 36     | 46     | 5x7    | DRT   | NBR           | 711714        | 100           | 12     | DLT      | NBR  | 711425        |               |               |
|        | 50     | 8      | DLI   | NBR           | 716536        | 100           | 17     | DL       | NBR  | 710169        |               |               |
|        | 55     | 12     | DL    | NBR           | 710490        | 117           | 14     | LIR      | NBR  | 713796        |               |               |
|        | 60     | 10x4   | LIO   | NBR           | <b>712492</b> | 40            | 50     | 5        | DL   | NBR           | 710190        |               |
| 40     | 50     | 5      | DL    | NBR           | 710190        |               | 50     | 5x8      | DRT  | NBR           | 711715        |               |
|        | 55     | 10     | DLT   | NBR           | 711415        |               | 55     | 10       | DLT  | NBR           | 711415        |               |

The part numbers indicated in bold type are kept in stock.

Abbreviations: NBR = Nitrile; FKM = Fluorocarbon

## DIMENSIONS

| d (mm) | D (mm)     | E (mm)       | Type       | Elastomer  | Reference        |
|--------|------------|--------------|------------|------------|------------------|
| 85     | 95<br>103  | 7x10<br>13x3 | DRT<br>LIO | NBR<br>NBR | 711743<br>712981 |
| 86     | 117        | 14           | LIR        | NBR        | 713740           |
| 88     | 110        | 8x3,5        | LIO        | NBR        | 712430           |
| 90     | 130        | 10x4         | LIO        | NBR        | 712821           |
| 92     | 112        | 12,6         | DL         | NBR        | 710068           |
| 94     | 112        | 12           | DL         | NBR        | 710079           |
| 98     | 114        | 12           | DL         | NBR        | <b>710724</b>    |
| 100    | 110<br>116 | 7x10<br>7    | DRT<br>LER | NBR<br>NBR | 711728<br>715666 |
| 104    | 120        | 11           | DLE        | NBR        | 716549           |
| 106    | 122        | 12           | DL         | NBR        | 710805           |

The part numbers indicated in bold type are kept in stock.

| d (mm) | D (mm)            | E (mm)         | Type            | Elastomer         | Reference                  |
|--------|-------------------|----------------|-----------------|-------------------|----------------------------|
| 110    | 120<br>126        | 7x10<br>7      | DRT<br>LER      | NBR<br>NBR        | <b>711729</b><br>715667    |
| 115    | 130,2             | 6,5            | LEOS            | NBR               | 714008                     |
| 116    | 202               | 20             | LEOS            | NBR               | 714004                     |
| 120    | 136               | 7              | LER             | NBR               | 715668                     |
| 125    | 140               | 9x12           | DRT             | NBR               | 711735                     |
| 130    | 160               | 18             | DLP             | NBR               | 711013                     |
| 140    | 160<br>160<br>170 | 18<br>18<br>18 | DL<br>DL<br>DLT | NBR<br>NBR<br>NBR | 710002<br>710047<br>711433 |
| 150    | 209               | 25             | LEO             | NBR               | 714781                     |
| 196    | 228               | 24             | DL              | NBR               | 710001                     |
| 196,3  | 232               | 21             | DL              | NBR               | 710004                     |
| 278    | 304,8             | 24             | DL              | NBR               | 710564                     |

Abbreviations: NBR = Nitrile; FKM = Fluorocarbon