

The function of wiper is to remove mechanical and other impurities from the piston rod and thus prevent damage to the guide ring and the seal. The lip of the wiper removes even the finest dirt from the piston rod, and prevents it from penetrating into the cylinder tube, and thus extrusion of moving parts of the assembly.

The wiper is manufactured from elastomer 90 NBR 10.1 and metal ring.

The temperature range of application: -30 °C up to +100 °C.

The wipers can be manufactured from other elastomers, depending on the application, mediums: oils, water, air, emulsions water-oil and oil-water.

## 2. WIPER 0492

### MATERIAL

The wiper type 0492 is manufactured from elastomers designated 70 NBR 14.1, 80 NBR 14.1 and 90 NBR 10.1.

### OPERATING CONDITIONS:

The wiper 0492 can be used in the following media: mineral oils, air, water, emulsions water-oil and oil-water.

The temperature range of applications:  
-30° C up to + 100° C.

### SIZES AND INSTALLATION DIMENSIONS

Nominal and other relevant dimensions, including the required installation dimensions are given in Table 1.

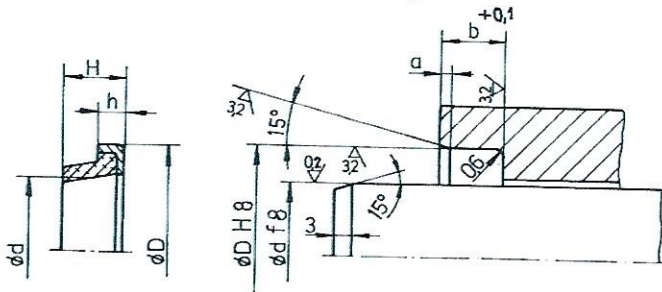


Table 2.

| Nominal size | Ød  | ØD  | H  | h | b | a |
|--------------|-----|-----|----|---|---|---|
| 10 × 20      | 10  | 20  | 8  | 5 | 5 | 1 |
| 12 × 22      | 12  | 22  |    |   |   |   |
| 14 × 24      | 14  | 24  |    |   |   |   |
| 15 × 25      | 15  | 25  |    |   |   |   |
| 18 × 28      | 18  | 28  |    |   |   |   |
| 20 × 30      | 20  | 30  | 10 | 7 | 7 | 2 |
| 22 × 32      | 22  | 32  |    |   |   |   |
| 25 × 35      | 25  | 35  |    |   |   |   |
| 28 × 40      | 28  | 40  |    |   |   |   |
| 30 × 40      | 30  | 40  |    |   |   |   |
| 32 × 40      | 32  | 40  | 8  | 5 | 5 | 1 |
| 32 × 45      | 32  | 45  | 10 | 7 | 7 | 2 |
| 35 × 45      | 35  | 45  |    |   |   |   |
| 36 × 45      | 36  | 45  |    |   |   |   |
| 38 × 48      | 38  | 48  |    |   |   |   |
| 40 × 50      | 40  | 50  |    |   |   |   |
| 45 × 60      | 45  | 60  | 8  | 5 | 5 | 1 |
| 48 × 60      | 48  | 60  |    |   |   |   |
| 50 × 60      | 50  | 60  |    |   |   |   |
| 55 × 65      | 55  | 65  |    |   |   |   |
| 56 × 65      | 56  | 65  |    |   |   |   |
| 60 × 70      | 60  | 70  |    |   |   |   |
| 63 × 72      | 63  | 72  |    |   |   |   |
| 65 × 75      | 65  | 75  |    |   |   |   |
| 70 × 80      | 70  | 80  |    |   |   |   |
| 75 × 85      | 75  | 85  |    |   |   |   |
| 80 × 90      | 80  | 90  |    |   |   |   |
| 85 × 95      | 85  | 95  |    |   |   |   |
| 90 × 100     | 90  | 100 |    |   |   |   |
| 95 × 105     | 95  | 105 |    |   |   |   |
| 100 × 110    | 100 | 110 |    |   |   |   |
| 110 × 120    | 110 | 120 |    |   |   |   |
| 120 × 130    | 120 | 130 |    |   |   |   |

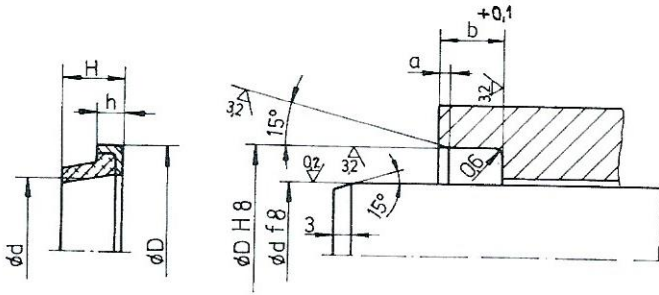


Table 2. continued from page 3

| Nominal size | Ød  | ØD  | H  | h  | b  | a |
|--------------|-----|-----|----|----|----|---|
| 125 × 140    | 125 | 140 | 12 | 9  | 9  | 2 |
| 130 × 145    | 130 | 145 |    |    |    |   |
| 135 × 150    | 135 | 150 |    |    |    |   |
| 140 × 155    | 140 | 155 |    |    |    |   |
| 145 × 160    | 145 | 160 |    |    |    |   |
| 150 × 170    | 150 | 170 |    |    |    |   |
| 160 × 180    | 160 | 180 |    |    |    |   |
| 165 × 180    | 165 | 185 | 14 | 10 | 10 |   |
| 170 × 190    | 170 | 190 |    |    |    |   |
| 180 × 200    | 180 | 200 |    |    |    |   |
| 190 × 210    | 190 | 210 | 16 | 12 | 12 |   |
| 200 × 220    | 200 | 220 |    |    |    |   |
| 220 × 240    | 220 | 240 |    |    |    |   |
| 250 × 270    | 250 | 270 |    |    |    |   |
| 280 × 305    | 280 | 305 |    |    |    |   |
| 320 × 340    | 320 | 340 |    |    |    |   |
| 360 × 360    | 360 | 380 |    |    |    |   |

Order example: Wiper 0492 10 × 20 90 NBR 10.1