

K152 is a single acting low pressure chevron seal produced from special formulated reinforced cotton fabric with nitrile rubber sealing element.

K153 is a two piece single acting low pressure chevron seal which consists of one specially formulated reinforced cotton fabric with nitrile rubber sealing element and one thermoplastic header ring.

## **PRODUCT ADVANTAGES**

- · Capable of standing pressure changes
- · Long service life
- Works in water and water-oil mixture media
- Easy installation

## **APPLICATION**

On the low pressure side of high pressure cleaning equipment.

MATERIAL	CODE
COTTON FABRIC NBR	NB8503
POM	PM9901

OPERATING CONDITIONS					
MEDIA	Mineral oils, water and water-oil mixtu				
TEMPERATURE	-30°C +80°C				
PRESSURE	≤80 Bar				
SPEED	≤2.0 m/sec				

Note: The above data are maximum values and cannot be used at the same time.

SURFACE ROUGHNESS		Ra	Rmax
Sliding Surface	Ød	≤0.3 µm	≤4 μm
Groove Base	ØD	≤1.5 µm	≤10 µm
Groove Flanks	В	≤3.0 µm	≤16 µm

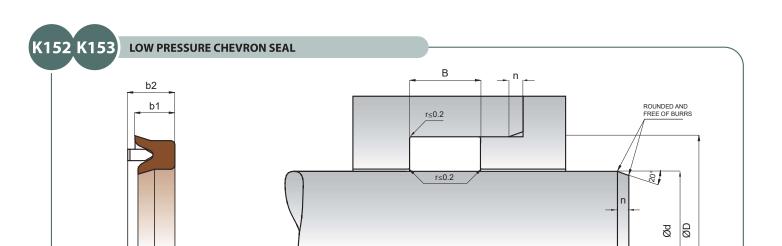
Note: It is recommended to have 50% to 90% of the working surface material contact area value.

## **INSTALLATION**

K152 and K153 chevron seals are used in open housing. It is very important that the assembly tools must be of soft material and have no sharp edges. Before installation the sealing element must be oiled with system oil.

## **NOTES**

Thanks to the specially formulated reinforced cotton fabric with nitrile rubber service life is much longer than the normal cotton fabric seals.



KASTAŞ NO	d (f7)	D (H9)	<b>b</b> 1	B (-0/+0.2)	n
K152-012	12	20	5.3	5.8	5
K152-014	14	22	5.5	6	5
K152-016	16	24	5.5	6	5
K152-018	18	26	5.5	6	5
K152-020	20	28	5.5	6	5
K152-022	22	30	5.5	6	5
K152-024	24	32	5.3	5.8	5
K152-042	42	50	5.5	6	5
KASTAŞ NO	d (f7)	D (H9)	b2	B (-0/+0.2)	n
K153-014	14	22	6.5	7	5
K153-022	22	30	6.5	7	5
K153-024	24	32	6.3	6.8	5