

K151 is a three piece single acting chevron seal which consists of one thermoplastic header ring, one specially formulated reinforced cotton fabric with nitrile rubber sealing element and one PTFE back-up ring.

## **PRODUCT ADVANTAGES**

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

## **APPLICATION**

High pressure cleaning equipment.

MATERIAL	CODE
COTTON FABRIC NBR	NB8503
РОМ	PM9901
PTFE	PT6002

OPERATING CONDITION					
MEDIA	Mineral oils, water and water-oil mixture				
TEMPERATURE	-30°C +80°C				
PRESSURE	≤250 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 μm	≤16 µm

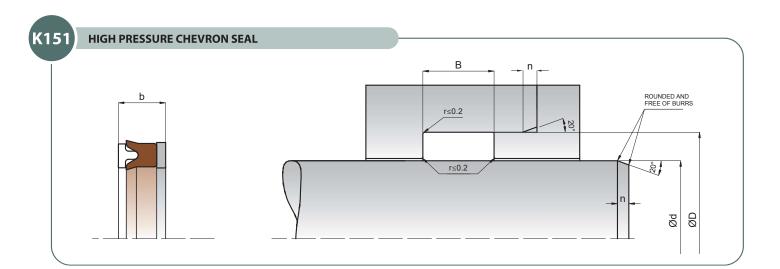
Note: It is recommended to have 50% to 90% of the working surface material contact area value.

## **INSTALLATION**

K151 chevron seal is 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 (-0/+0.2)	b	n		
K151-014	14	24	9	8.75	6		
K151-016	16	26	9	8.75	6		
K151-018	18	28	10	9.75	6		
K151-020	20	30	10	9.75	6		
K151-022	22	32	10	9.75	6		
K151-024	24	34	10	9.75	6		
K151-025	25	35	10	9.75	6		
K151-028	28	38	10	9.75	6		
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