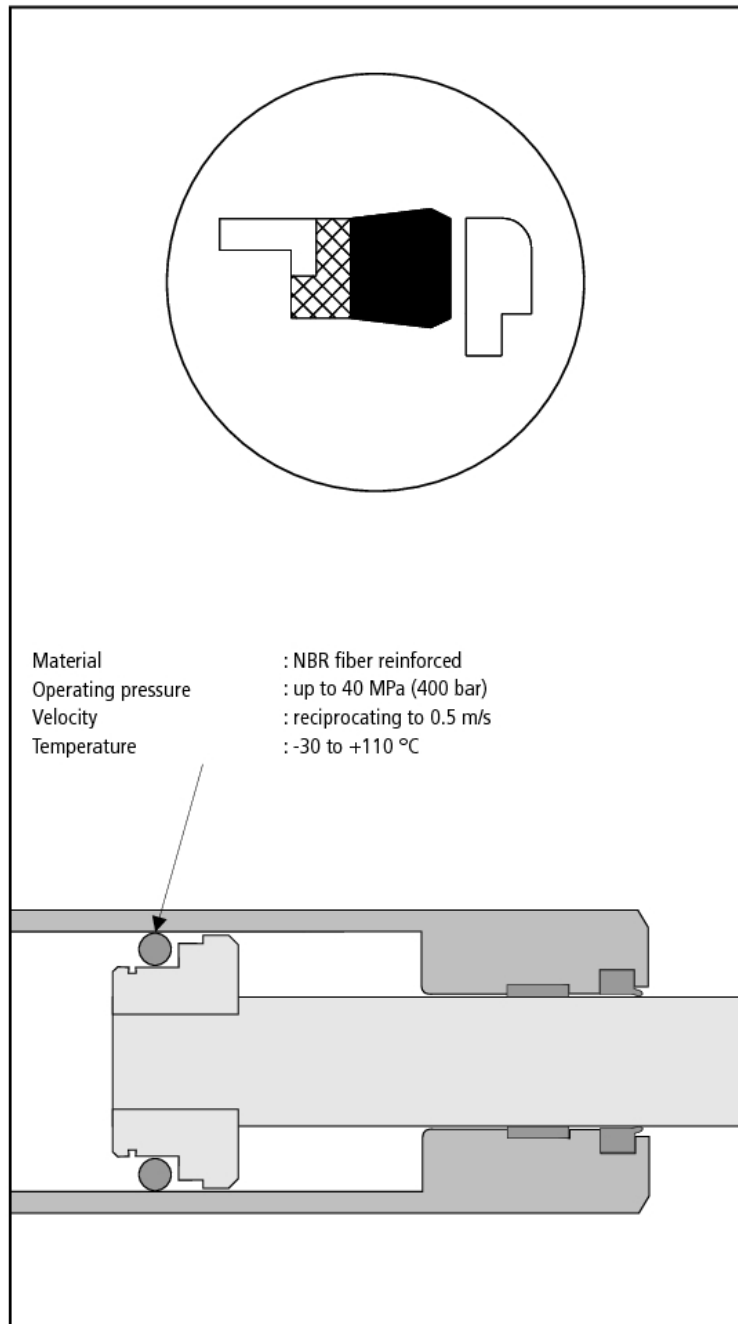
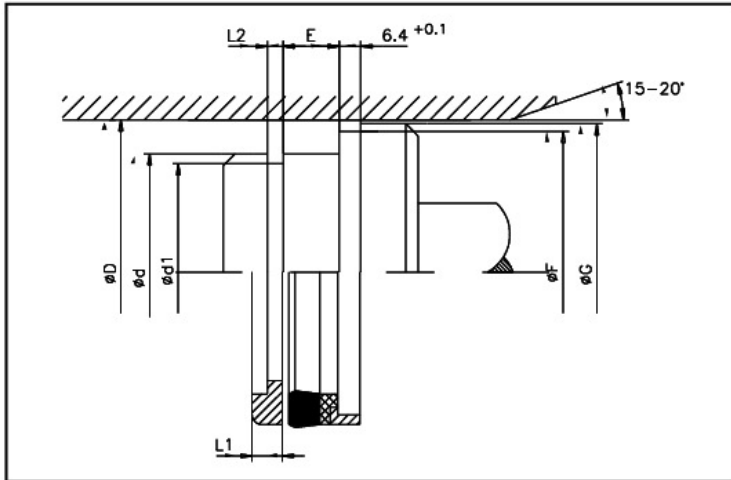


The construction of the single acting piston seal series HK 115 and the material of construction ensure reliable sealing with least friction.

### Special Features:

- Two part composition comprising of sealing element and sliding element
- Good shear characteristics due to optimal lip design
- Easy slide fit assembly
- Good abrasion resistance of the NBR fabric sealing element
- Special split safety ring for seal adjustment





### Limitations on Use

Operating Pressure	: maximum 40 MPa (400 bar)
Velocity	: reciprocating to 0.5 m/s
Temperature	: -30 to +110 °C

### Media for Use

Mineral oil based hydraulic oils, flame resistant pressure media and emulsions (HFA, HFB, HFC), Bio Oils.

### Surface Finish

Surfaces	Rz	Ra
Faces	2,0 µm	0,3 µm
Groove root	4,0 µm	0,8 µm
Groove flanks	8,0 µm	1,8 µm

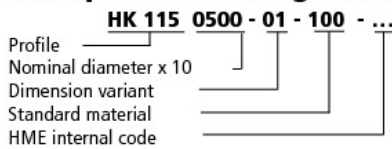
D H10	d h10	E +0,3	F h8	G ±0,1	d1 ±0,2	L1	L2 +0,2	Part N°.
32,00	20,00	10,00	28,50	30,90	15,60	6,00	3,10	HK115 0320-01-100
40,00	26,00	9,50	35,40	38,70	21,60	6,00	3,10	HK115 0400-01-100
45,00	35,00	9,00	42,00	43,99	30,60	6,00	3,10	HK115 0450-01-100
50,00	30,00	14,50	44,30	48,30	25,60	6,50	3,30	HK115 0500-01-100
50,00	35,00	11,00	45,45	48,70	30,60	6,00	3,10	HK115 0500-02-100
50,00	40,00	10,50	46,20	48,70	35,60	5,00	2,60	HK115 0500-04-100
55,00	40,00	11,00	50,40	53,70	35,60	6,00	3,10	HK115 0550-01-100
60,00	40,00	14,50	54,20	58,30	35,60	6,50	3,30	HK115 0600-01-100
63,00	45,00	11,00	58,40	61,60	40,60	6,00	3,10	HK115 0630-01-100
65,00	45,00	14,50	59,20	63,40	40,60	6,50	3,30	HK115 0650-01-100
65,00	50,00	11,00	60,40	63,22	45,60	6,00	3,10	HK115 0650-02-100
70,00	50,00	14,50	64,20	68,30	45,60	6,50	3,30	HK115 0700-01-100
80,00	60,00	14,50	74,20	78,30	55,60	6,50	3,30	HK115 0800-01-100
85,00	70,00	12,50	80,30	83,60	65,60	6,00	3,10	HK115 0850-02-100
90,00	70,00	14,50	84,20	88,30	65,60	6,50	3,30	HK115 0900-01-100
95,00	75,00	14,50	89,20	93,30	70,60	6,50	3,30	HK115 0950-01-100
100,00	80,00	14,50	94,20	98,30	75,60	6,50	3,30	HK115 1000-01-100
104,50	85,00	13,00	98,70	102,80	80,60	6,00	3,10	HK115 1045-01-100
104,50	85,00	14,50	98,80	102,47	80,60	6,50	3,30	HK115 1045-02-100
105,00	85,00	13,00	99,10	103,30	80,60	6,50	3,30	HK115 1050-01-100
105,00	85,00	14,50	99,10	103,30	80,60	6,50	3,30	HK115 1050-02-100
110,00	90,00	13,00	104,10	108,30	85,60	6,50	3,30	HK115 1100-01-100
115,00	95,00	14,50	109,00	112,85	90,60	6,50	3,30	HK115 1150-01-100
120,00	100,00	13,00	114,10	118,30	95,60	6,50	3,30	HK115 1200-01-100
125,00	100,00	14,50	118,10	122,96	95,60	6,50	3,30	HK115 1250-01-100
125,00	105,00	12,50	119,30	123,31	100,60	6,50	3,30	HK115 1250-02-100
130,00	110,00	12,50	123,24	127,96	105,60	6,50	3,30	HK115 1300-01-100

Above sizes/dimensions also available in FPM.

Further sizes/emperial units as well as an extensive range of inch measurement diagrams available on request.



### Example for ordering Piston Seal:



### Material Key:

100 - NBR  
 120 - FPM

Issue

01	05
----	----

**WARNING:** Limits of application stated herein are standard values. They could be individually transgressed with due consideration to respective service conditions. In the event of a large duty cycle, pulsating operation and other complex operational conditions, simultaneous transgression of these values is not recommended. Due to a large variety of service conditions that may arise in course of actual use, the company does not take responsibility of or guarantee the functional accuracy of the individual components. Rights for changes are reserved.