

## US043

Mechanical seals | Mechanical seals for pumps | Elastomer bellow seals



### FEATURES:

- SINGLE SEAL
- LOOSELY INSERTED  
SEAL FACE PROVIDES  
SELF-ADJUSTING  
CAPABILITY
- IN-HOUSE  
MANUFACTURED  
SLIDING PARTS

### APPLICATIONS:

- CHEMICAL INDUSTRY
- WATER & WASTE WATER INDUSTRY
- OIL INDUSTRY
- INDUSTRIAL PUMPS

### MATERIALS:

- SEAL FACE: CARBON GRAPHITE RESIN  
IMPREGNATED, SILICON CARBIDE
- SEAT: ALUMINIUM OXIDE, SILICON  
CARBIDE
- ELASTOMER: NBR, FKM
- METAL PARTS: CrNi STEEL





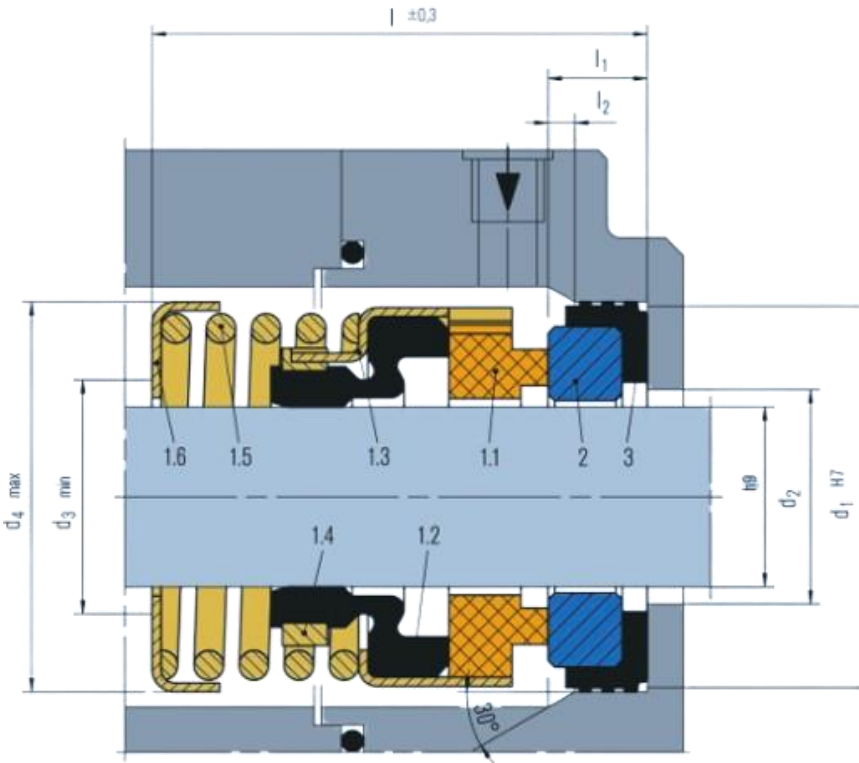
# UNIQUE SEAL Engineering Co.

## OPERATING RANGE

PRESSURE
18 Kg

TEMPERATURE
- 20° C TO 140° C

SPEED
2900 rpm



### Item Description

- 1.1 Seal face
- 1.2 Bellows
- 1.3 Spring Collar
- 1.4 Drive Collar
- 1.5 Spring
- 1.6 Spring Holder
- 2.3 Seat Corner Sleeve





Dimensions (in mm):

<b>d</b>	<b>d1</b>	<b>d2</b>	<b>d3</b>	<b>d4</b>	<b>l</b>	<b>l2</b>	<b>l3</b>
12	26	17	16	26.0	24	7	2
13	26	17	17	26.0	24	7	2
14	28	21	18	28.0	25	7	2
15	28	21	19	28.0	25	7	2
16	32	22	20	30.0	27	8	2
17	32	22	21	32.5	27	8	2
18	35	25	22	32.5	26	8	2
19	35	25	23	32.5	26	8	2
20	38	27	24	35.5	28	8	2
22	40	29	26	37.5	28	8	2
25	44	32	29	42.0	29	9	2
28	46	34	32	45.5	30	9	2
30	50	38	35	48.0	31	9	2
32	54	40	37	50.0	33	9	2
35	58	44	40	54.5	36	10	2
38	60	46	43	58.5	37	10	2
40	64	48	45	62.5	38	10	2
45	66	52	50	66.5	40	10	2
50	72	58	55	72.5	42	10	2

