



HEXATECH

TRADING CO.

Mfg. Water Pump Seals

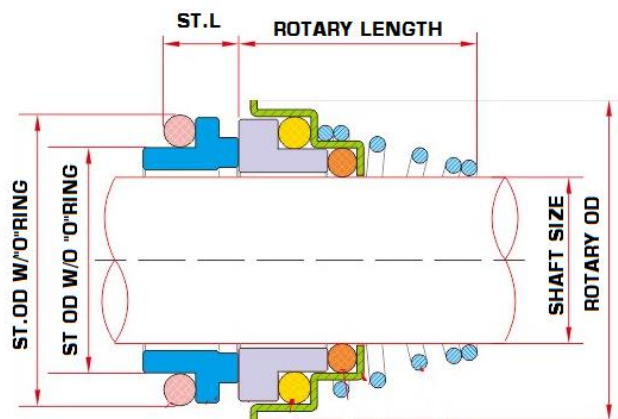


- **Water Pump Seals**
- **Mechanical Seals**
- **Mechanical Seal Spares**



HEXATECH
TRADING CO.

Mfg. Water Pump Seals



HEXATECH J1 TYPE

SEAL SIZE	ROTARY OD	ST OD W/O ORING	ST. OD	ROTARY LENGTH	ST LENGTH
10	20	14	18.1	15	7
11	22	16.5	20.6	18	7
12	22	16.5	20.6	18	7
13	25	19	23.1	22	7.5
14	25	19	23.1	22	7.5
15	29	21	26.9	22	9.2
16	29	21	26.9	23	9.2
17	29	21	26.9	23	9.2
18	33	25	30.9	24	10
19	33	25	30.9	25	10
20	33	25	30.9	25	10
21	38	30	35.4	25	10
22	38	30	35.4	25	10
23	38	30	35.4	27	10
24	38	30	35.4	27	10
25	40	33	38.2	27	10
28	46	38	43.3	29	11
29	46	38	43.3	30	11
30	46	38	43.3	30	11
32	46	38	43.3	30	11
33	48	45	53.5	39	13
35	50	45	53.5	39	13
38	56	52	60.5	39	13
40	58	52	60.5	39	13

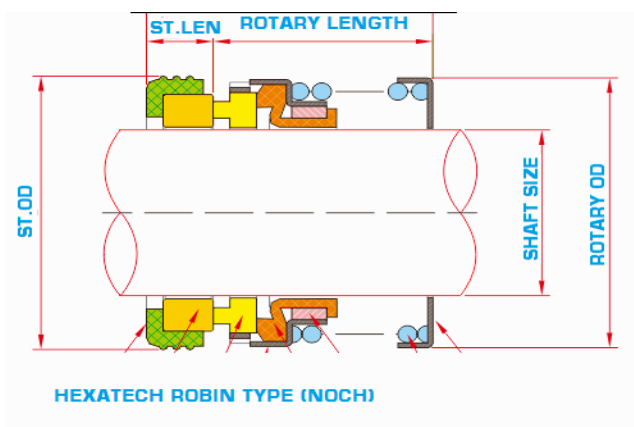


■ Specification:

No.	DESCRIPTION	MATERIAL
1	O-ring	NBR / HNBR / VITON
2	Stationary ring	Graphite carbon/SIC
3	Rotary ring	Alumina ceramic/SIC
4	O-ring	NBR / HNBR / VITON
5	O-ring	NBR / HNBR / VITON
6	Retainer	SUS304
7	Spring	SUS304

■ Application:

Pressure : 1MPa
Speed:12M/S
Temperature : -30℃~200℃



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Mfg. Water Pump Seals

SEAL SIZE		ROTARY OD	ST OD	ROTARY LENGTH	ST.LE
14		26.4	28	18	7
15		26.4	28	18	7
16		26.4	32	19	8
17		28.5	32	19	8
18		29.5	35	19	8
19		29.5	35	19	8
20		31.6	38	20	8
22		33.6	40	20	8
25		39.6	44	20	9
28		45	46	21	9
30		46.6	50	22	9
32		46.6	54	24	9
35		50.8	58	26	10
38		54.3	60	27	10
40		57.3	64	28	10
45		61.3	66	30	10
50		67.8	72	32	10
MM/INCH		ROTARY OD	ST OD	ROTARY LENGTH	ST.LE NGTH
0.625	15.875	30	31.75	23.8	8.7
0.75	19.05	32.5	34.925	23.8	8.7
0.875	22.225	37.5	38.1	25.4	8.7
1	25.4	44	41.275	27	9.5
1.125	28.575	48	44.45	28.6	9.5
1.25	31.75	50	47.625	28.6	9.5
1.375	34.925	54.5	50.8	30.2	9.5
1.5	38.1	58.5	53.975	30.2	9.5
1.625	41.275	64	60.325	36.5	11.1
1.75	44.45	67	63.5	36.5	11.1
1.875	47.625	71	66.675	39.7	11.1
2	50.8	73.5	69.85	39.7	11.1

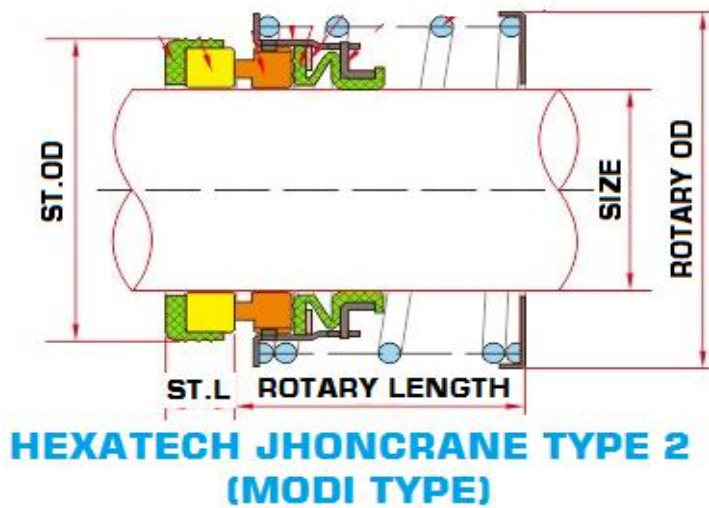


■ Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / HNBR / VITON
2	Stationary ring	Alumina ceramic/SIC
3	Rotary ring	Graphite carbon/SIC
4	Retainer	SUS304
5	Bellows	NBR / HNBR / VITON
6	Drive ring	SUS304
7	Spring	SUS304
8	Spring seat	SUS304

■ Application:

Pressure : 1MPa
Speed:12M/S
Temperature : -30°C~200°C



**HEXATECH
TRADING CO.**

Mfg. Water Pump Seals



Size (Inch)	Size (mm)	ROTARY OD	ST. OD.	ROTARY LENGTH	ST. LENGTH
0.75	18	36.5	34.93	22.23	10.28
	20	39.67	38.1	23.8	10.28
0.875	22	39.67	38.1	23.8	10.28
	24	45.5	41.28	25.4	11.1
1	25	45.5	41.28	25.4	11.1
1.125	28	48.5	44.44	26.97	11.1
	30	52.37	47.63	26.97	11.1
1.25	32	52.37	47.63	26.97	11.1
	33	56	50.8	28.58	11.1
1.375	35	56	50.8	28.58	11.1
1.5	38	56	53.98	28.58	11.1
1.625	40	59.2	60.38	34.93	12.7
	43	67	63.5	34.93	12.7
1.75	45	69.85	63.5	34.93	12.7
1.875	48	73.03	66.68	38.1	12.7
	48	73.03	69.85	38.1	12.7
2	50	76.2	69.85	38.1	12.7

■ Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / HNBR / VITON
2	Stationary ring	Alumina ceramic/SIC
3	Rotary ring	Graphite carbon/SIC
4	Retainer	SUS304
5	Bellows	NBR / HNBR / VITON
6	Closing ring	SUS304
7	Drive ring	SUS304
8	Spring	SUS304
9	Spring seat	SUS304

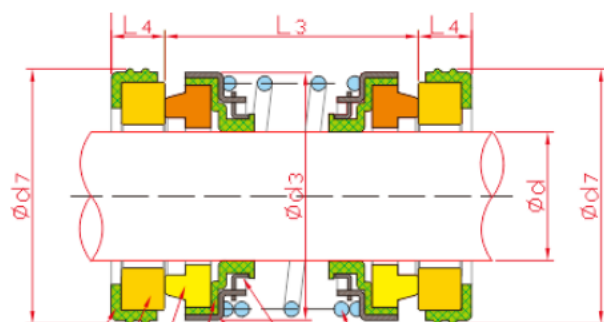
■ Application:

Pressure: 2.8MPa
Speed: 13M/S
Temperature: -30℃ ~ 200℃



HEXATECH
TRADING CO.

Mfg. Water Pump Seals



**HEXATECH DOUBLE ROBIN
(DOUBLE ENDED)**

SIZE	d	d3	d7	L	L3	L4
10	10	20	21.0	30	19	5.5
12	12	22	23/26	30/32	19/21	5.5
14	14	25	26/28	35/38	24/27	5.5
15	15	27	28/30	38	27	5.5
16	16	27	28/30	38	27	5.5
17	17	32	33/35	38/48	26/32	6/8
18	18	32	33/35	38/48	26/32	6/8
20	20	34	35/36	40/48	28/32	6/8
22	22	36	37/38	45	33/29	6/8
25	25	39	40/41	48	34/32	7/8
28	28	42	43	51	35	8
30	30	44	45	51	35	8
35	35	49	50	51	35	8
40	40	56	58	58/61	39/42	9.5
45	45	61	63	58/61	39/42	9.5

■ Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / HNBR / VITON
2	Stationary ring	Alumina ceramic/SIC
3	Rotary ring	Graphite carbon/SIC
4	Bellows	NBR / HNBR / VITON
5	Retainer	SUS304
6	Drive ring	SUS304
7	Spring	SUS304

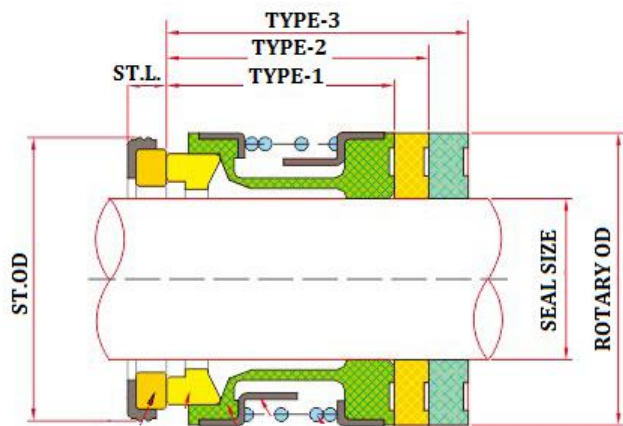
■ Application:

Pressure: 1.2MPa

Speed:10M/S

Temperature: -30°C~200°C





HEXATECH 2100 TYPE

SEAL SIZE	ROTARY OD	ST.OD	TYPE 1	TYPE2	TYPE 3	ST L
14	24	25	15	29	34	6
15	25	26	15	29	34	6
16	26	27	15	29	34	6
18	32	33	20	31.5	39	6
20	34	35	20	31.5	39	6
22	36	37	20	31.5	39	6
24	38	39	20	34	44	6
25	39	40	20	34	44	6
28	42	43	26	36.5	44	6
30	44	45	26	35.5	43	7
32	46	48	26	35.5	48	7
33	47	48	26	35.5	48	7
35	49	50	26	34.5	47	8
38	54	56	30	37	47	8
40	56	58	30	37	47	8
43	59	61	30	37	52	8
45	61	63	30	37	52	8
48	64	66	30	35	50	10
50	66	70	30	37.5	50	10
53	69	73	30	37.5	60	10
55	71	75	30	37.5	60	10
58	78	78	33	42.5	60	10
60	80	80	33	40.5	58	12
63	83	83	33	40.5	58	12
65	85	85	33	40.5	68	12
68	88	90	33	40.5	68	12
70	90	92	33	48	68	12
75	99	97	40	48	68	12
80	104	105	40	47.5	77.5	12.5
85	109	110	40	47.5	77.5	12.5
90	114	115	40	52.5	77.5	12.5
95	119	120	40	52.5	77.5	12.5
100	124	125	40	52.5	77.5	12.5



HEXATECH

TRADING CO.

Mfg. Water Pump Seals

■ Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / VITON
2	Stationary ring	Alumina ceramic/SIC
3	Rotary ring	Graphite carbon/SIC
4	Bellows	NBR / VITON
5	Retainer	SUS304
6	Spring	SUS304

■ Application:

Pressure : 0~1.2MPa

Speed : ≤ 15m/s

Temperature : -40℃ ~ 150℃

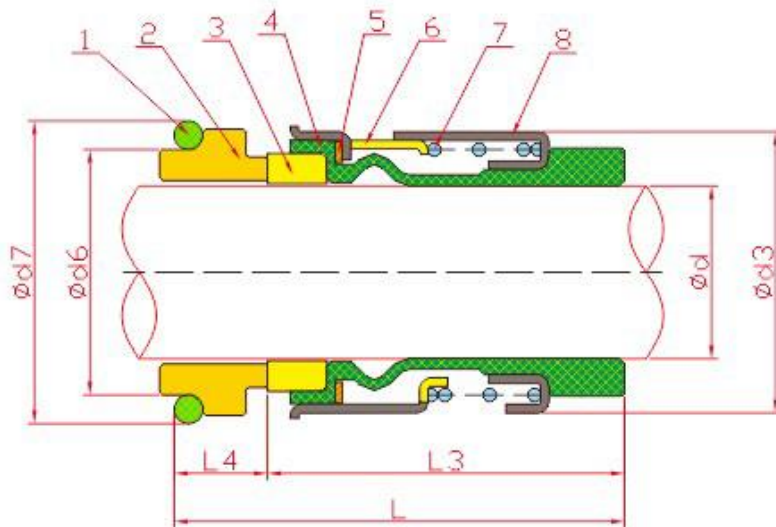


TYPE-3



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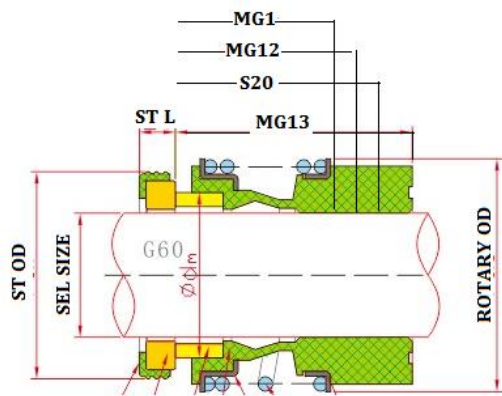
Mfg. Water Pump Seals



■ Specification:

No.	DESCRIPTION	MATERIAL
1	O ring	NBR / VITON
2	Stationary ring	Graphite carbon/SIC/TC
3	Rotary ring	SIC/TC
4	Bellows	NBR / HNBR
5	Closing ring	SUS304
6	Retainer	SUS304
7	Spring	SUS304
8	Spring seat	SUS304

Model	d	d3	d6	d7	L	L3	L4
RM CR-12	12	22	19	23	38	30.3	7.7
RM CR-16	16	26	23	27	39	30.3	8.7



HEXATECH MG TYPE SEAL



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TRADING CO.

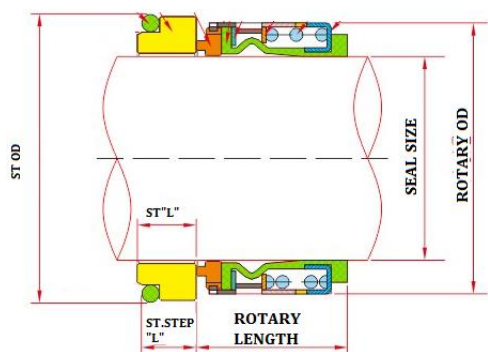
Mfg. Water Pump Seals

■ Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / HNBR / VITON
2	Stationary ring	Alumina ceramic/SIC/TC
3	Rotary ring	Graphite carbon/SIC/TC
4	Bellows	NBR / HNBR / VITON
5	Spring seat A	SUS304
6	Spring	SUS304
7	Spring seat B	SUS304



seal size	ROTARY OD	ST OD	MG1	MG12	MG13	S20	ST. L
12	25	23	15	25.9	33.4	25	6.6
14	28.5	25	17	28.4	33.4	25	6.6
15	28.5	-	17	28.4	33.4	25	-
16	28.5	27	17	28.4	33.4	25	6.6
18	32	33	19.5	30	37.5	25	7.5
19	37	-	21.5	30	37.5	25	-
20	37	35	21.5	30	37.5	25	7.5
22	37	37	21.5	30	37.5	25	7.5
24	42.5	39	22.5	32.5	42.5	25	7.5
25	42.5	40	23	32.5	42.5	25	7.5
28	49	43	26.5	35	42.5	33	7.5
30	49	45	26.5	35	42.5	33	7.5
32	53.5	48	27.5	35	47.5	33	7.5
33	53.5	48	27.5	35	47.5	33	7.5
35	57	50	28.5	35	47.5	33	7.5
38	59	56	30	36	46	33	9
40	62	58	30	36	46	33	9
42	65.5	-	30	36	51	41	-
43	65.5	61	30	36	51	41	9
45	68	63	30	36	51	41	9
48	70.5	66	30.5	36	51	41	9
50	74	70	30.5	38	50.5	41	9.5
53	78.5	73	33	36.5	59	41	11
55	81	75	35	36.5	59	41	11
58	85.5	78	37	41.5	59	41	11
60	88.5	80	38	41.5	59	41	11
65	93.5	85	40	41.5	69	49	11
68	96.5	90	40	41.2	68.7	49	11.3
70	99.5	92	40	48.7	68.7	49	11.3
75	107	97	40	48.7	68.7	52	11.3
80	112	105	40	48	78	56	12
85	120	110	41	46	76	56	14
90	127	115	45	51	76	59	14
95	132	120	46	51	76	59	14
100	137	125	47	51	76	62	14



HEXATECH 502



HEXATECH

TRADING CO.

Mfg. Water Pump Seals



■ Specification:

No.	DESCRIPTION	MATERIAL
1	O ring	NBR / VITON
2	Stationary ring	Alumina ceramic/SIC
3	Rotary ring	Graphite carbon/SIC
4	Retainer	SUS304
5	Bellows	NBR / VITON
6	Closing ring A	SUS304
7	Closing ring B	SUS304
8	Spring	SUS304
9	Spring seat	SUS304

■ Application:

Pressure: 2.8MPa

Speed: 13M/S

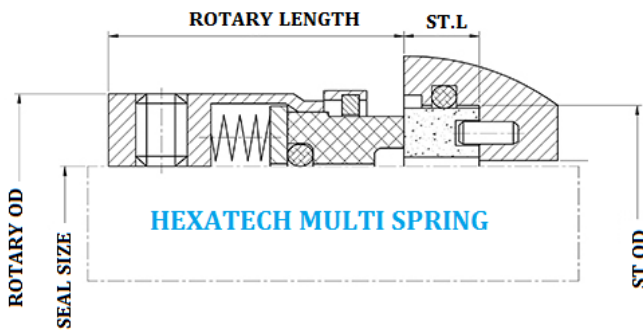
Temperature: -30℃ ~ 180℃

SEAL SIZE	ROTARY OD	ST.OD	ROTARY L	ST L(STEP)	ST LENGTH
14	24	25	23	12	12.8
16	26	27	23	12	12.8
18	32	33	24	13.5	14.5
20	34	35	24	13.5	14.5
22	36	37	24	13.5	14.5
24	38	39	26.7	13.3	14.3
25	39	40	27	13	14
28	42	43	30	12.5	13.5
30	44	45	30.5	12	13
32	46	48	30.5	12	13
33	47	48	30.5	12	13
35	49	50	30.5	12	13
38	54	56	32	13	14
40	56	58	32	13	14
43	59	61	32	13	14
45	61	63	32	13	14
48	64	66	32	13	14
50	66	70	34	13.5	14.5
53	69	73	34	13.5	14.5
55	71	75	34	13.5	14.5
58	78	78	39	13.5	14.2
60	80	80	39	13.5	14.2
63	83	83	39	13.5	14.2
65	85	85	39	13.5	14.2
68	88	90	39	13.5	14.2
70	89	92	45.5	14.5	15.2
75	96	97	45.5	14.5	15.2
80	104	105	45	15	15.7
85	108	110	45	15	15.7
90	114	115	50	15	15.7
95	118	120	50	15	15.7
100	124	125	50	15	15.7



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Mfg. Water Pump Seals



SIZE (INCHES)	SIZE (MM)	ROTARY OD	ST OD	ROTARY LENGTH	ST "L"
0.5	12.7	26.19	25.6	20.62	7.92
0.625	15.8	30.15	31.95	19.05	10.31
0.75	19	33.32	35.12	22.23	10.31
0.875	22.2	36.5	38.3	23.8	10.31
1	25.4	39.67	41.48	25.4	11.1
1.125	28.5	42.85	44.65	26.97	11.1
1.25	31.7	47.63	47.83	26.97	11.1
1.375	34.9	50.8	51	28.58	11.1
1.5	38.1	53.98	54.18	28.58	11.1
1.625	41.2	60.33	60.53	34.93	12.7
1.75	44.4	63.5	63.7	34.93	12.7
1.875	47.6	66.68	66.88	34.93	12.7
2	50.8	69.85	70.05	34.93	12.7
2.125	53.9	76.2	76.4	42.85	14.27
2.25	57.1	79.38	79.58	42.85	14.27
2.375	60.3	82.55	82.75	42.85	14.27
2.5	63.5	85.73	85.93	42.85	14.27
2.625	66.6	88.9	85.93	42.85	15.88
2.75	69.8	92.08	89.1	42.85	15.88
2.875	73	95.25	95.45	42.85	15.88
3	76.2	96.82	98.63	42.85	15.88
3.125	79.3	100	101.8	42.85	19.84
3.25	82.5	104.78	104.98	42.85	19.84
3.375	85.7	107.95	108.15	42.85	19.84
3.5	88.9	111.13	111.33	42.85	19.84
3.625	92	114.3	114.5	42.85	19.84
3.75	95.2	117.48	117.68	42.85	19.84
3.875	98.4	120.65	120.85	42.85	19.84
4	101.6	123.83	124.03	42.85	19.84



Structure Description:

Equivalent to AES M01S, John Crane Type 8-1
Multiple spring design, Unbalanced seal

Operating Limits:

Temperature: -40-160°C

Speed: 25m/s

Pressure: 22bar

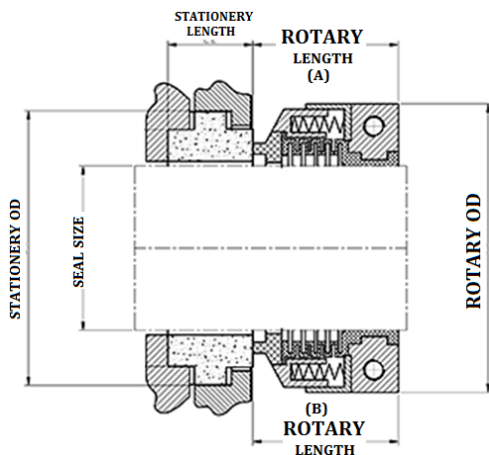
Standard Size: 0.5"-4.0"

Material:

Seal ring: Car, Sic, Ssic, Ceramic, TC

Secondary seal: NBR, Viton, EPDM etc.

Spring and metal parts: 304, 316, HAST.C



TEFLONE BELLOW



HEXATECH
TRADING CO.
 Mfg. Water Pump Seals

SEAL SIZE	ROTARY OD	D6	ST OD	ROTARY LENGTH(A)	ROTARY LENGTH(A)	ST LENGTH
1	60	42.86	54	42	45	17.5
1.125	67	46.03	60	42	45	27
1.25	69	50.8	65	42	45	27
1.375	72	53.98	68	42	45	27
1.5	76	57.15	71	42	45	27
1.625	80	63.5	78	42	45	27
1.75	84	66.68	81	44	46	27
1.875	86	69.85	84	44	46	27
2	90	73.03	87	46	46	27
2.125	95	79.38	97	46	46	33.5
2.25	98	82.55	100	46	46	33.5
2.375	100	85.73	103	46	46	33.5



Structure Description:

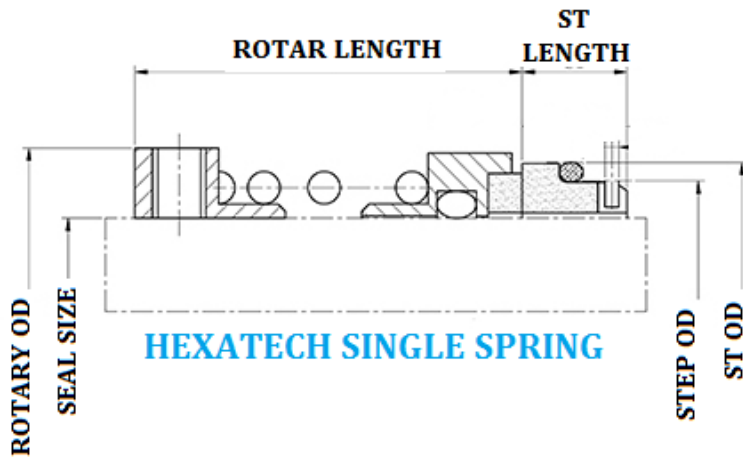
Equivalent to John Crane WB2 seal
 PTFE bellows design, Outside mounted, used in strong corrosive chemical occasions

Operating Limits:

Temperature: -20--120°C
 Speed: 10m/s
 Pressure: 5bar
 Standard size: 1"--2.375"

Material:

Seal ring: Car, Sic, Ssic, Ceramic ,PTFE, Glassfill
 Secondary seal: PTFE
 Spring and metal parts: 304,316



Size	ROTARY OD	ST OD	ROTARY LENGTH	ST LENGTH
18	32	33	35	17
20	34	35	35	17
22	36	37	35	17
24	38	39	40	17
25	39	40	40	17
28	42	43	40	17
30	44	45	40	17
32	46	48	45	17
33	47	48	45	17
35	49	50	45	17
38	54	56	44	18
40	56	58	44	18
43	59	61	49	18
45	61	63	49	18
48	64	66	49	18
50	66	70	47	20
53	69	73	57	20
55	71	75	57	20
58	78	78	57	20
60	80	80	57	20
63	83	83	57	20
65	85	85	67	20
68	88	90	64.7	20
70	90	92	64.7	20
75	99	97	64.7	20
80	104	105	74.3	22.5
85	109	110	74.3	22.5
90	114	115	74.3	22.5
95	119	120	74.3	22.5
100	124	125	74.3	22.5



Structure Description:

Equivalent to Bergman 1527

Single spring design

Operating Limits:

Temperature:-20---180°C

Speed:15m/s

Pressure:10bar

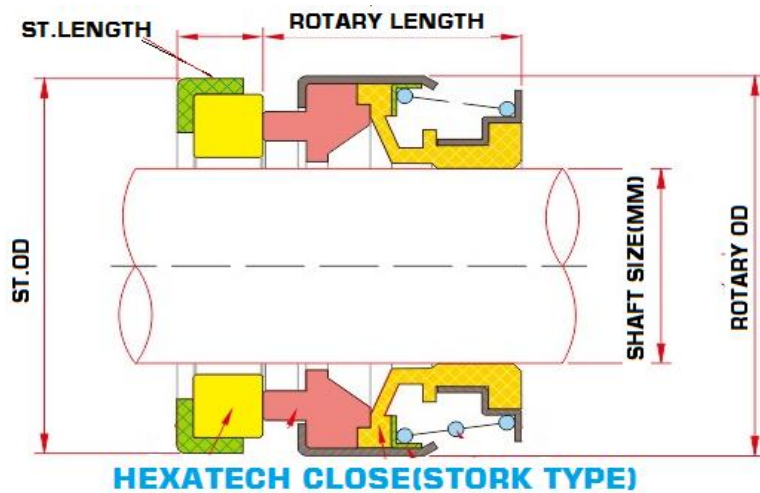
Standard Size:18-100mm

Material:

Seal Ring: Car、Sic、Ssic、TC

Secondary seal:NBR, Viton, EPDM etc.

Spring and metal parts:304, 316, HAST.C



HEXATECH
TRADING CO.
Mfg. Water Pump Seals

SHAFT SIZE	ROTARY OD	ST. OD	ROTARY LENGTH	ST. LENGTH
12	24	26	11	8
12	24	26	12.8	8
1 1/2"	24	25.4	12.8	7.5
13	24	26	12.8	8
14S	28	28.5	12.8	7.5
14L	28	28.5	15.3	7.5
14	32	29.5	12.8	8
15	32	29.5	12.8	8
16R	32	29.5	12.8	8
16	39	38	12.8	8
16	39	42	12.8	8
17	39	42	12.8	8
18	39	42	12.8	8
19	39	42	12.8	8
20	39	42	12.8	8
20S	42	45	12.8	10
22	42	45	12.8	10
23	47	50	13.5	10
24	47	50	13.5	10
25R	42	50	13.5	10
25	47	50	13.5	10
26	47	50	13.5	10
27	47	50	13.5	10
28	54	57	15	10
30	54	57	15	10
32	54	57	15	10
35	60	63	16	10
38	65	68	18	12
40	65	68	18	12
45	70	73	20	12
50	85	88	23	15



■ Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / HNBR / VITON
2	Stationary ring	Alumina ceramic/SIC
3	Rotary ring	Graphite carbon/SIC
4	Retainer	SUS304
5	Bellows	NBR / HNBR / VITON
6	Closing ring	SUS304
7	Spring	SUS304
8	Spring seat	SUS304

■ Application:

Pressure: 0.6MPa
Speed: 10M/S
Temperature: -30℃ ~ 200℃



HEXATECH
TRADING CO.
Mfg. Water Pump Seals



HEXA MG-1-12-13 SEAL



ROBIN TYPE SEAL



OPEN TYPE SEAL



DOUBLE ROBIN



CLOSE TYPE



J1 TYPE SEAL



SUBMERSIBLE



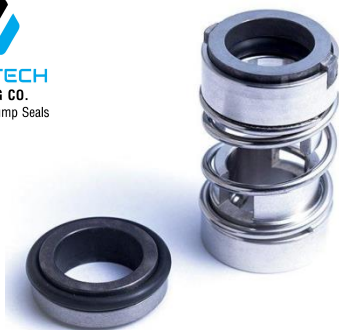
GRUNDFOS



STORK TYPE SEAL



GRUNFOUS SEAL



GRUNDFOS



GRUNDFOS



GRUNDFOS



CNP PUMP SEAL



MODI TYPE



CRAN TYPE SEAL



SINGLE SPRING



CONICLE SEAL



2100 TYPE SEAL



TEFLONE BELLOW



502 SEAL



MULTISPRING





HEXATECH
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