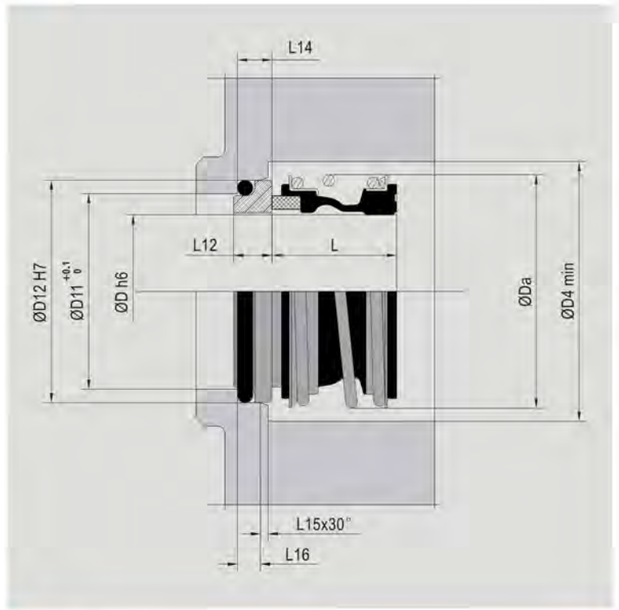
LYMG1-LYG4

◆ xxxx. LYMG1-LYG4
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1=10~100 mm
◆ t=-20 ... 120°C
◆ p1=16 bar
◆ Vg=10 m/s

◆ Combination of materials (En12756):
◆ Seal face:A; B;U2;Q1
◆ Stationary seat:Q1;V
◆ O-ring & bellows: P;V;E
◆ Spring: G;
◆ Construction: G;



产品技术特点：
单端面非平衡型，无旋向要求橡胶波纹管密封。由弹簧及L型卡环提供可靠的扭矩传动。橡胶波纹管无轴向磨损、扭曲撕裂之隐患。强烈推荐：水泵、污水泵、潜水泵、管道泵、饮料泵、城市给排水泵上使用。

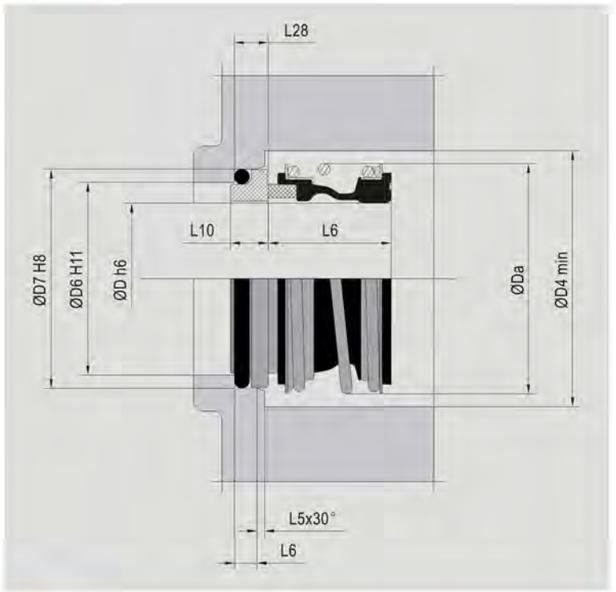
SIZE

D1	Da	D11	D12	D4	L15	L16	L12	L14	L
10	22.5	15.5	19.2	24	1.2	3.8	7.5	6.6	14.5
12	25	17.5	21.6	26	1.2	3.8	6.5	5.6	15
14	28.5	20.5	24.6	30	1.2	3.8	6.5	5.6	17
15	28.5	20.5	24.6	30	1.2	3.8	7.5	6.6	17
16*	28.5	22	28	30	1.5	5	8.5	7.5	17
18	32	24	30	33	1.5	5	9	8	19.5
19	37			38					21.5
20*	37	29.5	35	38	1.5	5	8.5	7.5	21.5
22	37	29.5	35	38	1.5	5	8.5	7.5	21.5
24	42.5	32	38	44	1.5	5	8.5	7.5	22.5
25*	42.5	32	38	44	1.5	5	8.5	7.5	23
28*	49	36	42	50	1.5	5	10	9	26.5
30*	49	39.2	45	50	1.5	5	11.5	10.5	26.5
32	53.5	42.2	48	55	1.5	5	11.5	10.5	27.5
33*	53.5	42.2	50	55	1.5	5	12	11	27.5
35*	57	46.2	52	59	1.5	5	12	11	28.5
38	59	49.2	55	61	1.5	5	11.3	10.3	30
40*	62	52.2	58	64	1.5	5	11.8	10.8	30
42	65.5			67	2	6	13.2	12	30
43	65.5	53.3	62	67	2	6	13.2	12	30
45*	68	55.3	64	70	2	6	12.8	11.6	30
48	70.5	59.7	68.4	74	2	6	12.8	11.6	30.5
50*	74	60.8	69.3	77	2	6	12.8	11.6	30.2
53	78.5	63.8	72.3	81	2	6	13.5	12.3	33
55*	81	66.5	75.4	83	2	6	14.5	13.3	35
58	85.5	69.5	78.4	88	2	6	14.5	13.3	37
60*	88.5	71.5	80.4	91	2	6	14.5	13.3	38
65*	93.5	76.5	85.4	96	2	6	14.2	13	40
68	96.5	82.7	91.5	100	2	6	14.9	13.7	40
70*	99.5	83	92	103	2	6	14.2	13	40
75*	107	90.2	99	110	2	6	15.2	14	40
80*	112	95.2	104	116	2	6	16.2	15	40
85*	120	100.2	109	124	2	6	16	14.8	41
90*	127	105.2	114	131	2	6	16	14.8	45
95*	132	111.6	120.3	136	2	6	17	15.8	46
100*	137	114.5	123.3	140	2	6	17	15.8	47

LYMG1-LYG6

◆ xxxx. LYMG1-LYG6
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =10~100 mm
◆ t =-20 ... 120°C
◆ p1 =16 bar
◆ Vg =10 m/s

◆ Combination of materials (En12756):
◆ Seal face:A; B;U2;Q1
◆ Stationary seat:Q1;V
◆ O-ring & bellows: P;V;E
◆ Spring: G;
◆ Construction: G;

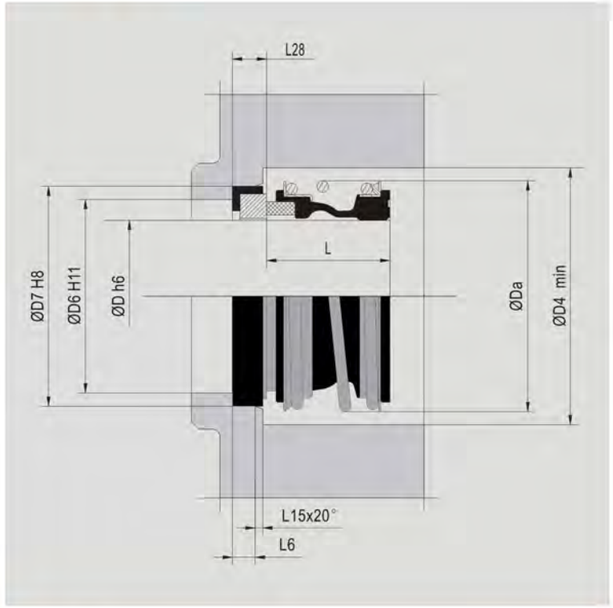


产品技术特点：
EN 12756标准。单端面非平衡型，无旋向要求橡胶波纹管密封。由弹簧及L型卡环提供可靠的扭矩传动。橡胶波纹管无轴向磨损、扭曲撕裂之隐患。强烈推荐：水泵、污水泵、潜水泵、管道泵、饮料泵、城市给排水泵上使用。

SIZE

D1	Da	D6	D7	D4	L5	L6	L10	L28	L
10	22.5	17	21	24	1.5	4	7.5	6.6	14.5
12	25	19	23	26	1.5	4	7.5	6.6	15
14	28.5	21	25	30	1.5	4	7.5	6.6	17
15	28.5			30					17
16*	28.5	23	27	30	1.5	4	7.5	6.6	17
18	32	27	33	33	2	5	8.5	7.5	19.5
19	37			38					21.5
20*	37	29	35	38	2	5	8.5	7.5	21.5
22	37	31	37	38	2	5	8.5	7.5	21.5
24	42.5	33	39	44	2	5	8.5	7.5	22.5
25*	42.5	34	40	44	2	5	8.5	7.5	23
28*	49	37	43	50	2	5	8.5	7.5	26.5
30*	49	39	45	50	2	5	8.5	7.5	26.5
32	53.5	42	48	55	2	5	8.5	7.5	27.5
33*	53.5	42	48	55	2	5	8.5	7.5	27.5
35*	57	44	50	59	2	5	8.5	7.5	28.5
38	59	49	56	61	2	6	10	9	30
40*	62	51	58	64	2	6	10	9	30
42	65.5			67					30
43	65.5	54	61	67	2	6	10	9	30
45*	68	56	63	70	2	6	10	9	30
48	70.5	59	66	74	2	6	10	9	30.5
50*	74	62	70	77	2.5	6	10.5	9.5	30.5
53	78.5	65	73	81	2.5	6	12	11	33
55*	81	67	75	83	2.5	6	12	11	35
58	85.5	70	78	88	2.5	6	12	11	37
60*	88.5	72	80	91	2.5	6	12	11	38
65*	93.5	77	85	96	2.5	6	12	11	40
68	96.5	81	90	100	2.5	7	12.5	11.3	40
70*	99.5	83	92	103	2.5	7	12.5	11.3	40
75*	107	88	97	110	2.5	7	12.5	11.3	40
80*	112	95	105	116	3	7	13	12	40
85*	120	100	110	124	3	7	15	14	41
90*	127	105	115	131	3	7	15	14	45
95*	132	110	120	136	3	7	15	14	46
100*	137	115	125	140	3	7	15	14	47

LYMG1-LYCG60



◆LYMG1-LYCG60
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =10~100 mm
◆ t =-20 ... 120°C
◆ p1 =16 bar
◆ Vg =10 m/s

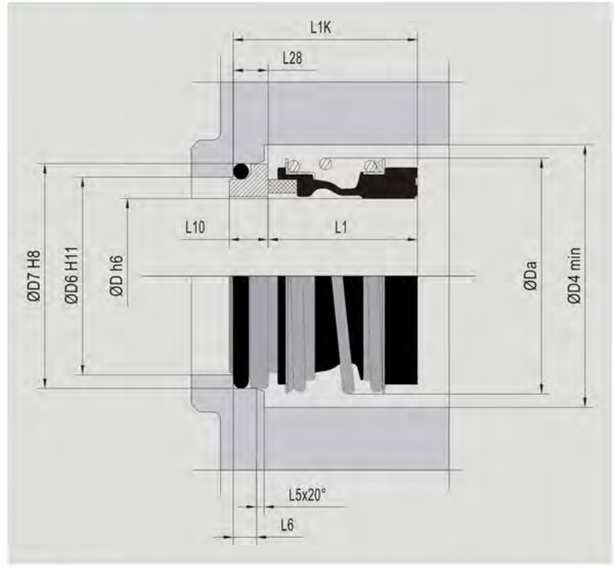
◆ Combination of materials (En12756):
◆ Seal face:A; B;U2;Q1
◆ Stationary seat:Q1;V
◆ Cup rubber & bellows: P;V;E
◆ Spring: G;
◆ Construction: G;

产品技术特点：
EN 12756标准。单端面非平衡型，无旋向要求橡胶波纹管密封。由弹簧及L型卡环提供可靠的扭矩传动。橡胶波纹管无轴向磨损、扭曲撕裂之隐患。强烈推荐：水泵、污水泵、潜水泵、管道泵、饮料泵、城市给排水泵上使用。

SIZE

D1	Da	D6	D7	D4	L5	L6	L28	L
10	22.5	17	21	24	1.5	4	6.6	14.5
12	25	19	23	26	1.5	4	6.6	15
14	28.5	21	25	30	1.5	4	6.6	17
15	28.5			30				17
16*	28.5	23	27	30	1.5	4	6.6	17
18	32	27	33	33	2	5	7.5	19.5
19	37			38				21.5
20*	37	29	35	38	2	5	7.5	21.5
22	37	31	37	38	2	5	7.5	21.5
24	42.5	33	39	44	2	5	7.5	22.5
25*	42.5	34	40	44	2	5	7.5	23
28*	49	37	43	50	2	5	7.5	26.5
30*	49	39	45	50	2	5	7.5	26.5
32	53.5	42	48	55	2	5	7.5	27.5
33*	53.5	42	48	55	2	5	7.5	27.5
35*	57	44	50	59	2	5	7.5	28.5
38	59	49	56	61	2	6	9	30
40*	62	51	58	64	2	6	9	30
42	65.5			67				30
43	65.5	54	61	67	2	6	9	30
45*	68	56	63	70	2	6	9	30
48	70.5	59	66	74	2	6	9	30.5
50*	74	62	70	77	2.5	6	9.5	30.5
53	78.5	65	73	81	2.5	6	11	33
55*	81	67	75	83	2.5	6	11	35
58	85.5	70	78	88	2.5	6	11	37
60*	88.5	72	80	91	2.5	6	11	38
65*	93.5	77	85	96	2.5	6	11	40
68	96.5	81	90	100	2.5	7	11.3	40
70*	99.5	83	92	103	2.5	7	11.3	40
75*	107	88	97	110	2.5	7	11.3	40
80*	112	95	105	116	3	7	12	40
85*	120	100	110	124	3	7	14	41
90*	127	105	115	131	3	7	14	45
95*	132	110	120	136	3	7	14	46
100*	137	115	125	140	3	7	14	47

LYMG12-LYG6



◆LYMG12-LYG6
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =10~100 mm
◆ t =-20 ... 120°C
◆ p1 =16 bar
◆ Vg =10 m/s

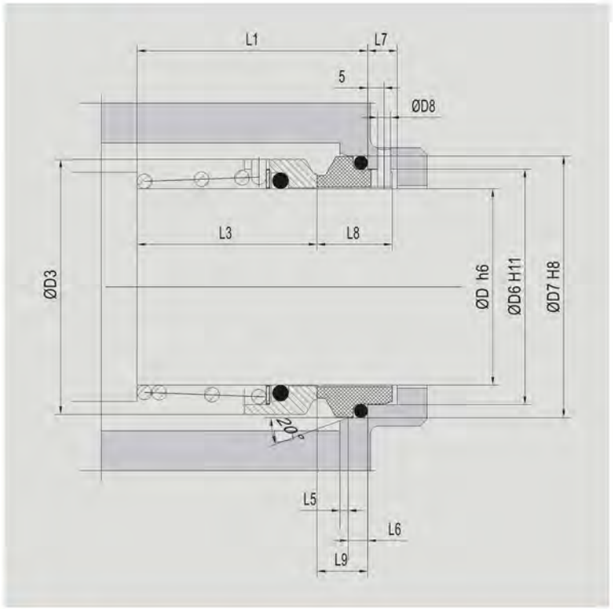
◆ CCombination of materials (En12756):
◆ Seal face:A; B;U2;Q1
◆ Stationary seat:Q1;V
◆ O-ring & bellows: P;V;E
◆ Spring: G;
◆ Construction: G;

产品技术特点：
EN 12756 标准。单端面非平衡型，无旋向要求橡胶波纹管密封。由弹簧及L型卡环提供可靠的扭矩传动。橡胶波纹管无轴向磨损、扭曲撕裂之隐患。强烈推荐：水泵、污水泵、潜水泵、管道泵、饮料泵、城市给排水泵上使用。

SIZE

D1	Da	D6	D7	D4	L5	L6	L10	L28	L1	L1K
10	22.5	17	21	24	1.5	4	7.5	6.6	25.9	32.5
12	25	19	23	26	1.5	4	7.5	6.6	25.9	32.5
14	28.5	21	25	30	1.5	4	7.5	6.6	28.4	35
15	28.5			30					28.4	
16	28.5	23	27	30	1.5	4	7.5	6.6	28.4	35
18	32	27	33	33	2	5	8.5	7.5	30	37.5
19	37			38					30	
20	37	29	35	38	2	5	8.5	7.5	30	37.5
22	37	31	37	38	2	5	8.5	7.5	30	37.5
24	42.5	33	39	44	2	5	8.5	7.5	32.5	40
25	42.5	34	40	44	2	5	8.5	7.5	32.5	40
28	49	37	43	50	2	5	8.5	7.5	35	42.5
30	49	39	45	50	2	5	8.5	7.5	35	42.5
32	53.5	42	48	55	2	5	8.5	7.5	35	42.5
33	53.5	42	48	55	2	5	8.5	7.5	35	42.5
35	57	44	50	59	2	5	8.5	7.5	35	42.5
38	59	49	56	61	2	6	10	9	36	45
40	62	51	58	64	2	6	10	9	36	45
42	65.5			67					36	
43	65.5	54	61	67	2	6	10	9	36	45
45	68	56	63	70	2	6	10	9	36	45
48	70.5	59	66	74	2	6	10	9	36	45
50	74	62	70	77	2.5	6	10.5	9.5	38	47.5
53	78.5	65	73	81	2.5	6	12	11	36.5	47.5
55	81	67	75	83	2.5	6	12	11	36.5	47.5
58	85.5	70	78	88	2.5	6	12	11	41.5	52.5
60	88.5	72	80	91	2.5	6	12	11	41.5	52.5
65	93.5	77	85	96	2.5	6	12	11	41.5	52.5
68	96.5	81	90	100	2.5	7	12.5	11.3	41.2	52.5
70	99.5	83	92	103	2.5	7	12.5	11.3	48.7	60
75	107	88	97	110	2.5	7	12.5	11.3	48.7	60
80	112	95	105	116	3	7	13	12	48	60
85	120	100	110	124	3	7	15	14	46	60
90	127	105	115	131	3	7	15	14	51	65
95	132	110	120	136	3	7	15	14	51	65
100	137	115	125	140	3	7	15	14	51	65

LYM3N-LYG92



◆ xxxx.LYM3N-LYG92
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =14~80 mm
◆ t =-20 ... 180°C
◆ p1 =12 bar
◆ Vg =10 m/s
◆ solid contained ⩽7 Wt%
◆ Viscosityto 300 cP

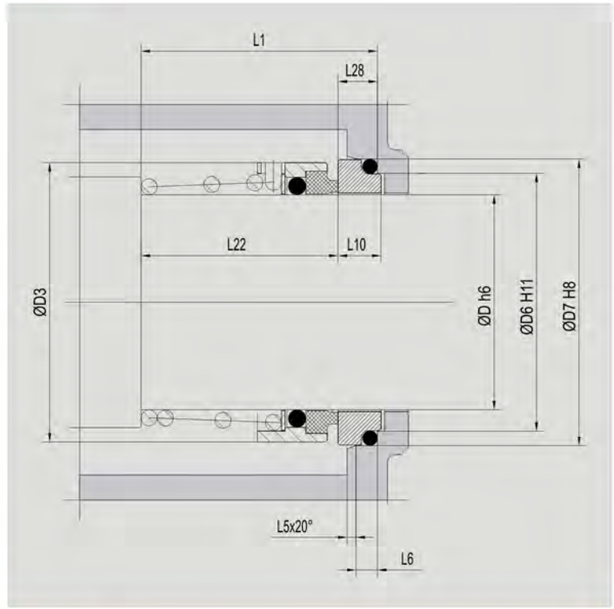
◆ Combination of materials (En12756):
◆ Seal face:S;
◆ Stationary seat:B; A;
◆ O-ring: V; E; K; M5s
◆ Spring: G;
◆ Construction: G; F;

产品技术特点：
EN 12756 标准。单端面非平衡型，有旋向要求的锥形弹簧密封。由锥形弹簧提供可靠的传动及补偿，强烈推荐：油泵、螺杆泵、化工泵上使用。

SIZE

D	D3	D6	D7	D8	L5	L6	L7	L8	L9	L3	L1
14	23	21	25	3	1.5	4	8.5	17.5	10	16.5	26.5
16	26	23	27	3	1.5	4	8.5	17.5	10	18	28
18	29	27	33	3	2	5	9	19.5	11.5	19.5	31
20*	31	29	35	3	2	5	9	19.5	11.5	22	33.5
22	33	31	37	3	2	5	9	19.5	11.5	21.5	33
24	35	33	39	3	2	5	9	19.5	11.5	23.5	35
25*	36	34	40	3	2	5	9	19.5	11.5	26.5	38
28	40	37	43	3	2	5	9	19.5	11.5	26.5	38
30*	43	39	45	3	2	5	9	19.5	11.5	26.5	38
32	46	42	48	3	2	5	9	19.5	11.5	28.5	40
33	47	42	48	3	2	5	9	19.5	11.5	28.5	40
35	49	44	50	3	2	5	9	19.5	11.5	28.5	40
38	53	49	56	4	2	6	9	22	14	33.5	47.5
40*	56	51	58	4	2	6	9	22	14	36	50
43	59	54	61	4	2	6	9	22	14	38.5	52.5
45*	61	56	63	4	2	6	9	22	14	39.5	53.5
48	64	59	66	4	2	6	9	22	14	46	60
50*	66	62	70	4	2.5	6	9	23	15	45	60
53	69	65	73	4	2.5	6	9	23	15	47	62
55*	71	67	75	4	2.5	6	9	23	15	49	64
58	76	70	78	4	2.5	6	9	23	15	55	70
60*	78	72	80	4	2.5	6	9	23	15	55	70
63	83	75	83	4	2.5	6	9	23	15	55	70
65*	84	77	85	4	2.5	6	9	23	15	55	70
68	88	81	90	4	2.5	7	9	26	18	55	73
70	90	83	92	4	2.5	7	9	26	18	57	75
75	98	88	97	4	2.5	7	9	26	18	62	80
80*	100	95	105	4	3	7	9	26.2	18.2	61.8	80

LYM32-LYG6



◆ xxxx.LYM32-LYG6
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =10~80 mm
◆ t =-20 ... 180°C
◆ p1 =16 bar
◆ Vg =10 m/s
◆ solid contained ≤7 Wt%
◆ Viscosityto 300 cP

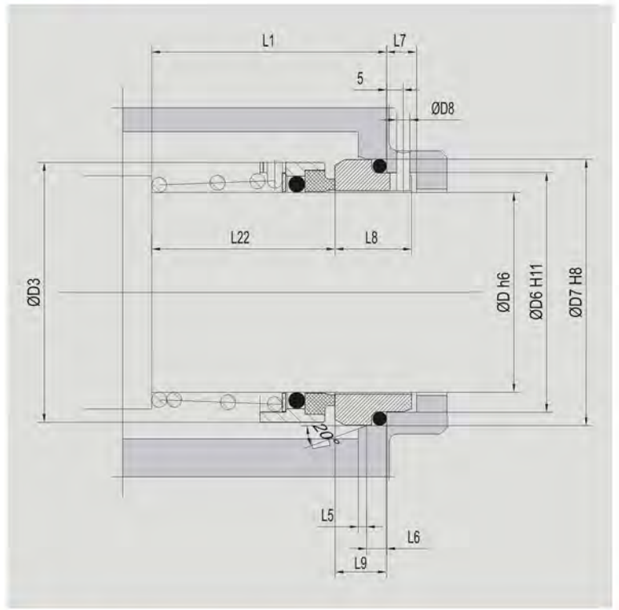
◆ Combination of materials (En12756):
◆ Seal face:A; B
◆ Stationary seat:Q1;
◆ O-ring: V; E; K; M5s
◆ Spring: G; M
◆ Construction: G; F; M...

产品技术特点：
EN 12756 标准。单端面非平衡型，有旋向要求的锥形弹簧密封。由锥形弹簧提供可靠的传动及补偿，强烈推荐：水泵、油泵、螺杆泵、化工泵上使用。

SIZE

D1	D3	D6	D7	L5	L6	L28	L22	L1	L10
10	20	17	21	1.5	4	6.6	16.9	23.5	7.5
12	22	19	23	1.5	4	6.6	17.4	24	7.5
14	24	21	25	1.5	4	6.6	17.4	24	7.5
16	26	23	27	1.5	4	6.6	19.5	26.1	7.5
18	31	27	33	2	5	7.5	20.5	28	8.5
20	34	29	35	2	5	7.5	22	29.5	8.5
22	36	31	37	2	5	7.5	23.5	31	8.5
24	38	33	39	2	5	7.5	25	32.5	8.5
25	39	34	40	2	5	7.5	26.5	34	8.5
28*	42	37	43	2	5	7.5	26.5	34	8.5
30*	44	39	45	2	5	7.5	25	32.5	8.5
32	46	42	48	2	5	7.5	28.5	36	8.5
33	47	42	48	2	5	7.5			8.5
35	49	44	50	2	5	7.5	28.5	36	8.5
38	54	49	56	2	6	9	32.2	41.2	10
40	56	51	58	2	6	9	34.7	43.7	10
43	59	54	61	2	6	9			10
45	61	56	63	2	6	9	39.2	48.2	10
48	64	59	66	2	6	9	44.7	53.7	10
50*	66	62	70	2.5	6	9.5	45.7	55.2	10.5
53	69	65	73	2.5	6	11			12
55	71	67	75	2.5	6	11	49	60	12
58	78	70	78	2.5	6	11	52	63	12
60*	79	72	80	2.5	6	11	53	64	12
63	83	75	83	2.5	6	11			12
65	85	77	85	2.5	6	11	54.3	65.3	12
68	88	81	90	2.5	7	11.3	55.3	66.6	12.5
70*	90	83	92	2.5	7	11.3	56.3	67.6	12.5
75	98	88	97	2.5	7	11.3	56.3	67.6	12.5
80*	103	95	105	3	7	12	59.3	71.3	13

LYM32-LYG9



◆ xxxx.LYM32-LYG9
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =10~80 mm
◆ t =-20 ... 180°C
◆ p1 =25 bar
◆ Vg =10 m/s
◆ solid contained ≤7 Wt%
◆ Viscosityto 300 cP

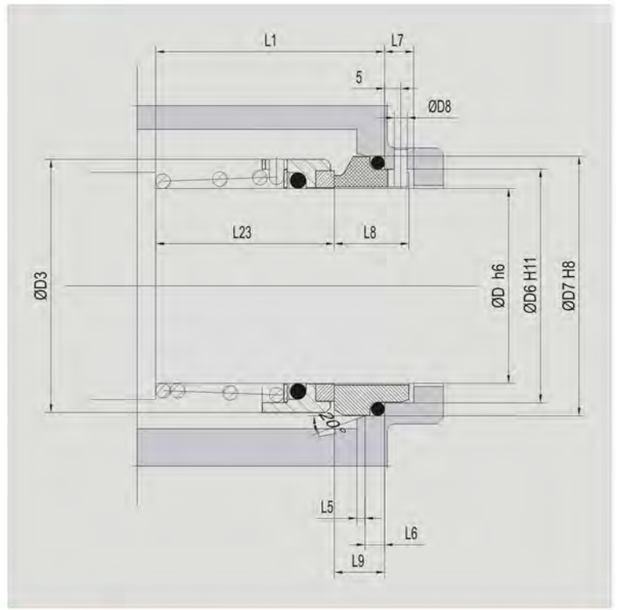
◆ Combination of materials (En12756):
◆ Seal face:A; B
◆ Stationary seat:Q1;
◆ O-ring: V; E; K; M5s
◆ Spring: G; M
◆ Construction: G; F; M...

产品技术特点：
EN 12756 标准。单端面非平衡型，有旋向要求的锥形弹簧密封。由锥形弹簧提供可靠的传动及补偿，强烈推荐：水泵、油泵、螺杆泵、化工泵上使用。

SIZE

D1	D3	D6	D7	D8	L5	L6	L7	L8	L9	L22	L1
10	20	17	21	3	1.5	4	8.5	17.5	10	16.9	26.9
12	22	19	23	3	1.5	4	8.5	17.5	10	17.4	27.4
14	24	21	25	3	1.5	4	8.5	17.5	10	17.4	27.4
16	26	23	27	3	1.5	4	8.5	17.5	10	19.5	29.5
18	31	27	33	3	2	5	9	19.5	11.5	20.5	32
20	34	29	35	3	2	5	9	19.5	11.5	22	33.5
22	36	31	37	3	2	5	9	19.5	11.5	23.5	35
24	38	33	39	3	2	5	9	19.5	11.5	25	36.5
25	39	34	40	3	2	5	9	19.5	11.5	26.5	38
28*	42	37	43	3	2	5	9	19.5	11.5	26.5	38
30*	44	39	45	3	2	5	9	19.5	11.5	25	36.5
32	46	42	48	3	2	5	9	19.5	11.5	28.5	40
33	47	42	48	3	2	5	9	19.5	11.5		11.5
35	49	44	50	3	2	5	9	19.5	11.5	28.5	40
38	54	49	56	4	2	6	9	22	14	32.2	46.2
40	56	51	58	4	2	6	9	22	14	34.7	48.7
43	59	54	61	4	2	6	9	22	14		14
45	61	56	63	4	2	6	9	22	14	39.2	53.2
48	64	59	66	4	2	6	9	22	14	44.7	58.7
50*	66	62	70	4	2.5	6	9	23	15	45.7	60.7
53	69	65	73	4	2.5	6	9	23	15		15
55	71	67	75	4	2.5	6	9	23	15	49	64
58	78	70	78	4	2.5	6	9	23	15	52	67
60*	79	72	80	4	2.5	6	9	23	15	53	68
63	83	75	83	4	2.5	6	9	23	15		15
65	85	77	85	4	2.5	6	9	23	15	54.3	69.3
68	88	81	90	4	2.5	7	9	26	18	55.3	73.3
70*	90	83	92	4	2.5	7	9	26	18	56.3	74.3
75	98	88	97	4	2.5	7	9	26	18	56.3	74.3
80*	103	95	105	4	3	7	9	26.2	18.2	59.3	77.5

LYM37G-LYG9



◆ xxxx.LYM37G-LYG9
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =14~80 mm
◆ t =-20 ... 180°C
◆ p1 =16\25 bar
◆ Vg =10 m/s
◆ solid contained ≤7 Wt%
◆ Viscosityto 300 cP

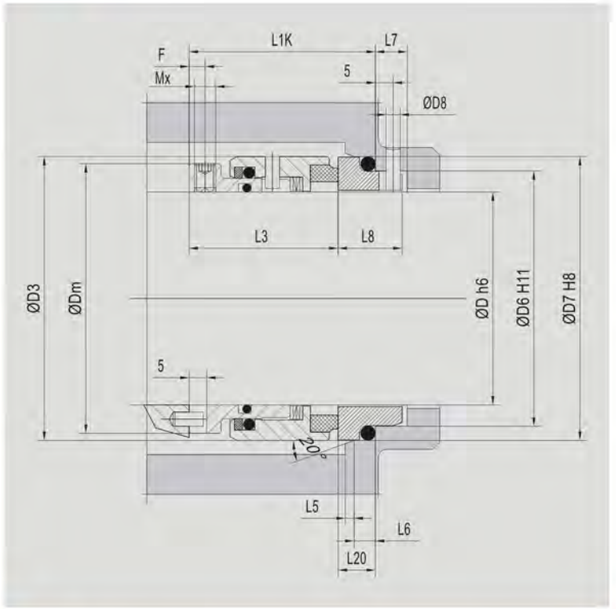
◆ Combination of materials (En12756):
◆ Seal face:Q12;U22;
◆ Stationary seat:B; Q1;
◆ O-ring: V; E; K; M5s
◆ Spring: G; M
◆ Construction: G; F; M...

产品技术特点：
EN 12756 标准。单端面非平衡型，有旋向要求的锥形弹簧密封。由锥形弹簧提供可靠的传动及补偿，强烈推荐：污水泵、油泵、螺杆泵、化工泵上使用。

SIZE

D	D3	D6	D7	D8	L5	L6	L7	L8	L9	L23	L1
14	24	21	25	3	1.5	4	8.5	17.5	10	16.5	26.5
16	26	23	27	3	1.5	4	8.5	17.5	10	16.5	26.5
18	31	27	33	3	2	5	9	19.5	11.5	18	29.5
20	34	29	35	3	2	5	9	19.5	11.5	19	30.5
22	36	31	37	3	2	5	9	19.5	11.5	20.5	32
24	38	33	39	3	2	5	9	19.5	11.5	22	33.5
25	39	34	40	3	2	5	9	19.5	11.5	23.5	35
28*	42	37	43	3	2	5	9	19.5	11.5	24.5	36
30*	44	39	45	3	2	5	9	19.5	11.5	24.5	36
32	46	42	48	3	2	5	9	19.5	11.5	28	39.5
33	47	42	48	3	2	5	9	19.5	11.5		11.5
35	49	44	50	3	2	5	9	19.5	11.5	28	39.5
38	54	49	56	4	2	6	9	22	14	31	45
40	56	51	58	4	2	6	9	22	14	34	48
43	59	54	61	4	2	6	9	22	14		14
45	61	56	63	4	2	6	9	22	14	36.5	50.5
48	64	59	66	4	2	6	9	22	14	42	56
50*	66	62	70	4	2.5	6	9	23	15	43	58
53	69	65	73	4	2.5	6	9	23	15		15
55	71	67	75	4	2.5	6	9	23	15	47	62
58	78	70	78	4	2.5	6	9	23	15	50	65
60*	79	72	80	4	2.5	6	9	23	15	51	66
63	83	75	83	4	2.5	6	9	23	15		15
65	85	77	85	4	2.5	6	9	23	15	52	67
68	88	81	90	4	2.5	7	9	26	18	52.7	70.7
70*	90	83	92	4	2.5	7	9	26	18	54	72
75	98	88	97	4	2.5	7	9	26	18	54	72
80*	103	95	105	4	3	7	9	26.2	18.2	58	76.2

LYHJ92-LYG16



- ◆ xxxx.LYHJ92-LYG16
- ◆ Single Seal
- ◆ Balanced
- ◆ Operating limits:
- ◆ d1 =18~100 mm
- ◆ t =-40 ... 220°C
- ◆ p1 =32 bar
- ◆ Vg =10 m/s
- ◆ solid contained ⩽10 Wt%
- ◆ Viscosityto 500 cP

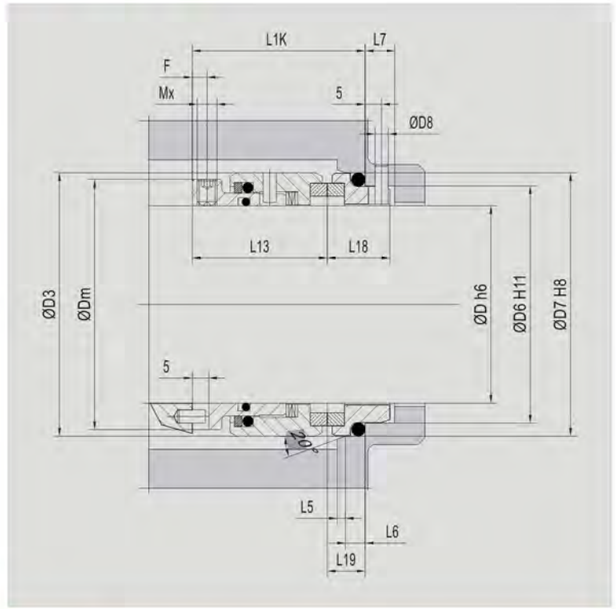
- ◆ Combination of materials (En12756):
- ◆ Seal face:B; A
- ◆ O-ring: V; E; K; M5s
- ◆ Wave spring: G; M
- ◆ Construction: G; F; M...

产品技术特点：
EN 12756 标准。单端面平衡型，无旋向要求，波簧保护型密封。转动环补偿，光洁无淤塞结构。特别适应：淀粉泵、稠油泵、纸浆泵、污水泵、螺杆泵、旋塞泵、转子泵、化工泵上使用。

SIZE

D	D3	D6	D7	D8	Dm	L1K	L3	L5	L6	L7	L8	L20	F	Mx
18	32	27	33	3	26	37.5	30.5	2	5	9	15	7	3	4
20	34	29	35	3	28	37.5	30.5	2	5	9	15	7	3	4
22	36	31	37	3	30	37.5	30.5	2	5	9	15	7	3	4
24	38	33	39	3	32.5	40	33	2	5	9	15	7	3.5	5
25	39	34	40	3	33.5	40	33	2	5	9	15	7	3.5	5
28	42	37	43	3	36.5	42.5	35.5	2	5	9	15	7	3.5	5
30	44	39	45	3	38.5	42.5	35.5	2	5	9	15	7	3.5	5
32	47	42	48	3	41.5	42.5	35.5	2	5	9	15	7	3.5	5
33	47	42	48	3	41.5	42.5	35.5	2	5	9	15	7	3.5	5
35	49	44	50	3	43.5	42.5	35.5	2	5	9	15	7	3.5	5
38	54	49	56	4	47.5	45	37	2	6	9	16	8	4	5
40	56	51	58	4	49.5	45	37	2	6	9	16	8	4	5
43	59	54	61	4	52.5	45	37	2	6	9	16	8	4	5
45	61	56	63	4	54.5	45	37	2	6	9	16	8	4	5
48	64	59	66	4	57.5	45	37	2	6	9	16	8	4	5
50	66	62	70	4	59.5	47.5	38	2.5	6	9	17	9.5	4.5	6
53	69	65	73	4	62.5	47.5	38	2.5	6	9	17	9.5	4.5	6
55	71	67	75	4	64.5	47.5	38	2.5	6	9	17	9.5	4.5	6
58	78	70	78	4	68.5	52.5	42	2.5	6	9	18	10.5	4.5	6
60	80	72	80	4	70.5	52.5	42	2.5	6	9	18	10.5	4.5	6
63	83	75	83	4	73.5	52.5	42	2.5	6	9	18	10.5	4.5	6
65	85	77	85	4	75.5	52.5	42	2.5	6	9	18	10.5	4.5	6
68	88	81	90	4	78.5	52.5	41.5	2.5	7	9	18.5	11	4.5	6
70	90	83	92	4	80.5	60	48.5	2.5	7	9	19	11.5	5	6
75	99	88	97	4	89	60	48.5	2.5	7	9	19	11.5	5.5	8
80	104	95	105	4	94	60	48.5	3	7	9	19	11.5	5.5	8
85	109	100	110	4	99	60	48.5	3	7	9	19	11.5	5.5	8
90	114	105	115	4	104	65	52	3	7	9	20.5	13	5.5	8
95	119	110	120	4	109	65	52	3	7	9	20.5	13	5.5	8
100	124	115	125	4	114	65	52	3	7	9	20.5	13	5.5	8

LYHJ977GN-LYG46



- ◆ xxxx.LYHJ977GN-LYG46
- ◆ Single Seal
- ◆ Balanced
- ◆ Operating limits:
- ◆ d1 =18~100 mm
- ◆ t =-40 ... 220°C
- ◆ p1 =25 bar
- ◆ Vg =10 m/s
- ◆ solid contained ⩽10 Wt%
- ◆ Viscosityto 500 cP

- ◆ Combination of materials (En12756):
- ◆ Seal face:Q12;U22
- ◆ O-ring: V; E; K; M5s
- ◆ Wave spring: G; M
- ◆ Construction: G; F; M...

产品技术特点：
EN 12756 标准。单端面平衡型，无旋向要求，波簧保护型密封。转动环补偿，光洁无淤塞结构。特别适应：淀粉泵、稠油泵、纸浆泵、污水泵、螺杆泵、旋塞泵、转子泵、化工泵上使用。

SIZE

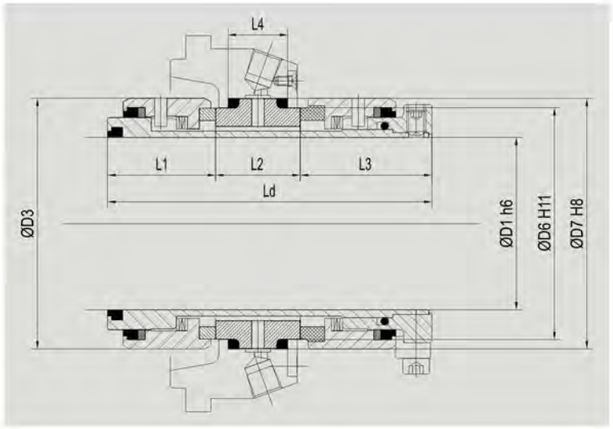
D	D3	D6	D7	D8	Dm	L1K	L13	L5	L6	L7	L18	L19	F	Mx
18	32	27	33	3	26	37.5	28.5	2	5	9	17	9	3	4
20	34	29	35	3	28	37.5	28.5	2	5	9	17	9	3	4
22	36	31	37	3	30	37.5	28.5	2	5	9	17	9	3	4
24	38	33	39	3	32.5	40	31	2	5	9	17	9	3.5	5
25	39	34	40	3	33.5	40	31	2	5	9	17	9	3.5	5
28	42	37	43	3	36.5	42.5	33	2	5	9	17.5	9.5	3.5	5
30	44	39	45	3	38.5	42.5	33	2	5	9	17.5	9.5	3.5	5
32	47	42	48	3	41.5	42.5	33	2	5	9	17.5	9.5	3.5	5
33	47	42	48	3	41.5	42.5	33	2	5	9	17.5	9.5	3.5	5
35	49	44	50	3	43.5	42.5	33	2	5	9	17.5	9.5	3.5	5
38	54	49	56	4	47.5	45	34.5	2	6	9	18.5	10.5	4	5
40	56	51	58	4	49.5	45	34.5	2	6	9	18.5	10.5	4	5
43	59	54	61	4	52.5	45	34.5	2	6	9	18.5	10.5	4	5
45	61	56	63	4	54.5	45	34.5	2	6	9	18.5	10.5	4	5
48	64	59	66	4	57.5	45	34.5	2	6	9	18.5	10.5	4	5
50	66	62	70	4	59.5	47.5	35.5	2.5	6	9	19.5	12	4.5	6
53	69	65	73	4	62.5	47.5	35.5	2.5	6	9	19.5	12	4.5	6
55	71	67	75	4	64.5	47.5	35.5	2.5	6	9	19.5	12	4.5	6
58	78	70	78	4	68.5	52.5	39.5	2.5	6	9	20.5	13	4.5	6
60	80	72	80	4	70.5	52.5	39.5	2.5	6	9	20.5	13	4.5	6
63	83	75	83	4	73.5	52.5	39.5	2.5	6	9	20.5	13	4.5	6
65	85	77	85	4	75.5	52.5	39.5	2.5	6	9	20.5	13	4.5	6
68	88	81	90	4	78.5	52.5	39	2.5	7	9	21	13.5	4.5	6
70	90	83	92	4	80.5	60	46	2.5	7	9	21.5	14	5	6
75	99	88	97	4	89	60	46	2.5	7	9	21.5	14	5.5	8
80	104	95	105	4	94	60	46	3	7	9	21.5	14	5.5	8
85	109	100	110	4	99	60	46	3	7	9	21.5	14	5.5	8
90	114	105	115	4	104	65	49.5	3	7	9	23	15.5	5.5	8
95	119	110	120	4	109	65	49.5	3	7	9	23	15.5	5.5	8
100	124	115	125	4	114	65	49.5	3	7	9	23	15.5	5.5	8

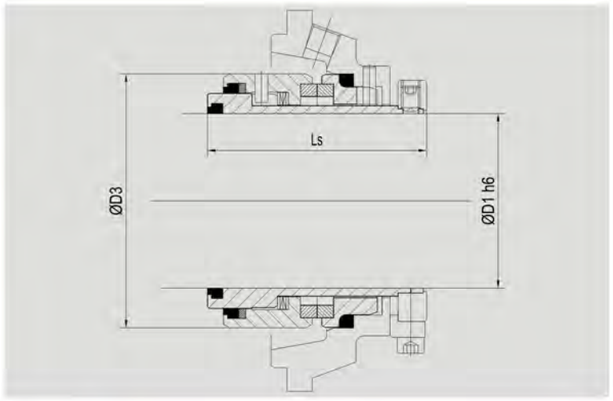
LY671SD

◆ xxxx.LY671SD
◆ xxxx.LY671S
◆ Balanced Seals
◆ Operating limits:
◆ d1 =18~95 mm
◆ t =-40 ... 220°C
◆ p1 =25 bar
◆ Vg =10 m/s
◆ solid contained ≤15 Wt%
◆ Viscosityto 3000 cP

◆ Combination of materials (En12756):
◆ Seal face:Q12;U22
◆ Stationary seat:Q12;U22
◆ O-ring: V; E; K; M5s
◆ Wave spring: G; M
◆ Construction: G; F; M...

产品技术特点：
双(单)端面平衡型，无旋向要求，波簧保护型密封。转动环补偿，光洁无淤塞结构。特别适应：无菌系统(食品、医药)、糖浆泵、纸浆泵、转子泵、等高粘性浆料泵上使用。





SIZE

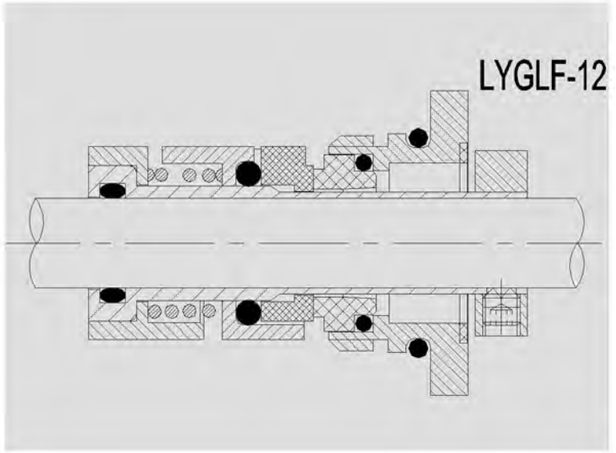
D1	D3	Ls	D6	D7	L1	L2	L3	Ld
18	36	61	31.3	37.3	29.5	25	34.5	89
20	38	63	33.3	39.3	29.5	25	37	91.5
22	39	63	34.3	40.3	29.5	25	37	91.5
24	42	65	37.6	43.6	33.5	25	37	95.5
25	44	65	39.6	45.6	33.5	25	43	101.5
28	47	68	42.6	48.6	33.5	25	43	101.5
30	49	68	44.6	50.6	33.5	25	43	101.5
32	54	70	49.1	55.1	34.5	27	43	104.5
33	54	70	49.1	55.1	34.5	27	43	104.5
35	56	70	51.1	57.1	34.5	27	43	104.5
38	59	70	54.1	60.1	34.5	27	43	104.5
40	61	70	56.1	62.1	34.5	27	43	104.5
43	64	70	59.1	65.1	34.5	27	43	104.5
45	66	71	61.3	67.3	34.5	27	43	104.5
48	69	71	64.3	70.3	34.5	27	43	104.5
50	71	71	66.3	72.3	34.5	27	43	104.5
53	78	75.5	71.8	77.8	38	27	47	112
55	80	75.5	73.8	79.8	38	27	47	112
58	83	75.5	76.8	82.8	38	27	47	112
60	85	75.5	78.8	84.8	38	27	51	116
63	88	75.5	81.8	87.8	38	27	51	116
65	90	85	83.8	89.8	42.5	27	56	125.5
70	99	85	90	99.3	42.5	30	56	128.5
75	104	85	95	104.3	42.5	30	56	128.5
80	109	85	100	109.3	42.5	30	56	128.5
85	114	90	105.4	114.6	46	30	59	135
90	119	90	110.4	119.6	46	30	59	135
95	124	90	115.4	124.6	46	30	59	135

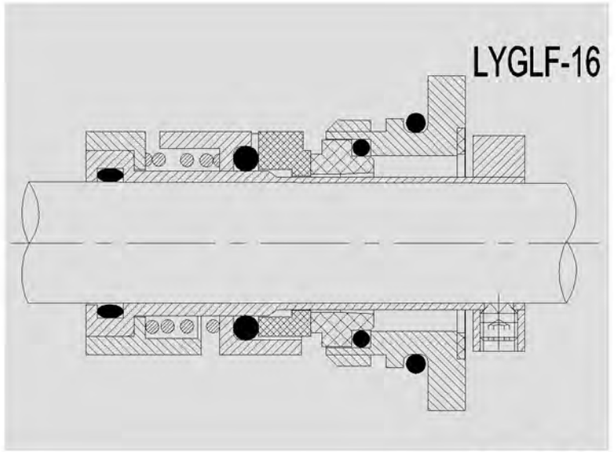
LYGLF

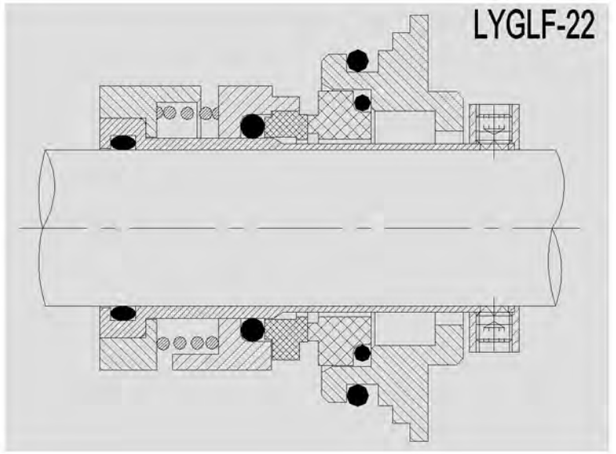
Performance Capabilities:
◆ d1: 12\16\22 mm
◆ p1: 4.0 Mpa
◆ t: -20...+180 ℃
◆ Vg: 20m/s
◆ 介质：清洁水、污水、热水。

◆ Combination of materials(En12756):
◆ Seal face:Q1
◆ Stationary seat:A
◆ O-ring & bellows: V;E
◆ Weve Spring: 17-7ph
◆ Construction: E;F

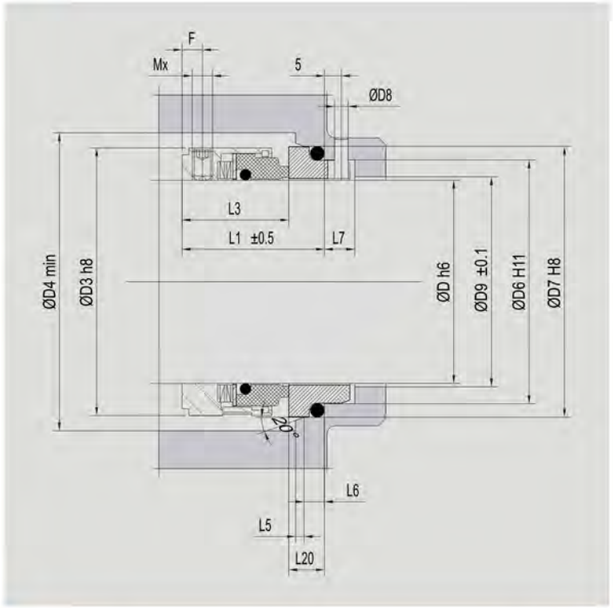
产品技术特点：
按API682标准的技术参数设计。设计寿命：25000 hr。弹簧保护式平衡型密封设计，特别适合含杂质、粘性等介质工况。轴向尺寸短，结构紧凑，适应立式泵轴的运转方式。轴套、压盖等金属部件采用铸造件，降低制造成本。完全满足GRUNFOS泵的任何使用要求。







LY33-LYG16



◆ xxxx.LY33-LYG16
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =10~100...(170) mm
◆ t =-40 ... 220°C
◆ p1 =20 bar
◆ Vg =20 m/s
◆ solid contained ≤0.5 Wt%
◆ Viscosityto 500 cP

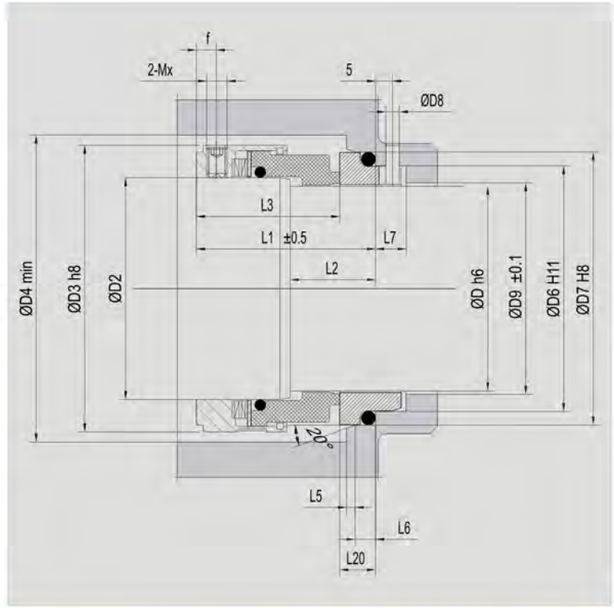
◆ Combination of materials (En12756):
◆ Seal face:B; A; U2
◆ Stationary seat:Q1;
◆ O-ring: V; E; K; M5s
◆ Wave spring: G; M
◆ Construction: G; F; M...

产品技术特点：
EN 12756 标准。单端面非平衡型，无旋向要求，动环补偿波形弹簧密封。轴向超短型结构设计。特别适应：螺杆泵、压缩机、风机上使用。

SIZE

D	D3	D4	D6	D7	D8	D9	L1	L3	L5	L6	L7	L20	F	Mx
14	24	26	21	25	3	14.5	28	22	1.5	4	8.5	6	5	5
16	26	28	23	27	3	16.5	28	22	1.5	4	8.5	6	5	5
18	32	34	27	33	3	18.5	30.5	23.5	2	5	9	7	5	5
20	34	36	29	35	3	20.5	30.5	23.5	2	5	9	7	5	5
22	36	38	31	37	3	22.5	30.5	23.5	2	5	9	7	5	5
24	38	40	33	39	3	24.5	32.5	25.5	2	5	9	7	5	5
25	39	41	34	40	3	25.8	33.5	26.5	2	5	9	7	5	5
28*	42	44	37	43	3	28.8	33.5	26.5	2	5	9	7	5	6
30*	44	46	39	45	3	30.8	34.5	27.5	2	5	9	7	5	6
32	46	48	42	48	3	32.8	34.5	27.5	2	5	9	7	5	6
33	47	49	42	48	3	33.8	34.5	27.5	2	5	9	7	5	6
35	49	51	44	50	3	35.8	34.5	27.5	2	5	9	7	5	6
38	54	58	49	56	4	38.8	38	30	2	6	9	8	5	6
40	56	60	51	58	4	40.8	39	31	2	6	9	8	5	6
43	59	63	54	61	4	43.8	39	31	2	6	9	8	5	6
45	61	65	56	63	4	45.8	39	31	2	6	9	8	5	6
48	64	68	59	66	4	48.8	39	31	2	6	9	8	5	6
50*	66	70	62	70	4	50.8	40	30.5	2.5	6	9	9.5	5	6
53	69	73	65	73	4	53.8	40	30.5	2.5	6	9	9.5	5	6
55	71	75	67	75	4	55.8	40	30.5	2.5	6	9	9.5	5	6
58	78	83	70	78	4	58.8	42	31.5	2.5	6	9	10.5	5	6
60*	80	85	72	80	4	60.8	42	31.5	2.5	6	9	10.5	5	6
63	83	88	75	83	4	63.8	45	34.5	2.5	6	9	10.5	6	8
65	85	90	77	85	4	65.8	45	34.5	2.5	6	9	10.5	6	8
68	88	93	81	90	4	68.8	47	36	2.5	7	9	11	6	8
70*	90	95	83	92	4	70.8	47	35.5	2.5	7	9	11.5	6	8
75	95	104	88	97	4	75.8	47	35.5	2.5	7	9	11.5	6	8
80*	104	109	95	105	4	80.8	48	36.5	3	7	9	11.5	6	8
85	109	114	100	110	4	85.8	48	36.5	3	7	9	11.5	6	8
90	114	119	105	115	4	90.8	54	41	3	7	9	13	6	8
95	119	124	110	120	4	95.8	54	41	3	7	9	13	6	8
100	124	129	115	125	4	100.8	54	41	3	7	9	13	6	8

LY34-LYG16



◆ xxxx.LY34-LYG16
◆ Single Seal
◆ Balanced
◆ Operating limits:
◆ d1 =10~100...(170) mm
◆ t =-40 ... 220°C
◆ p1 =65 bar
◆ Vg =20 m/s
◆ solid contained ≤5 Wt%
◆ Viscosityto 500 cP

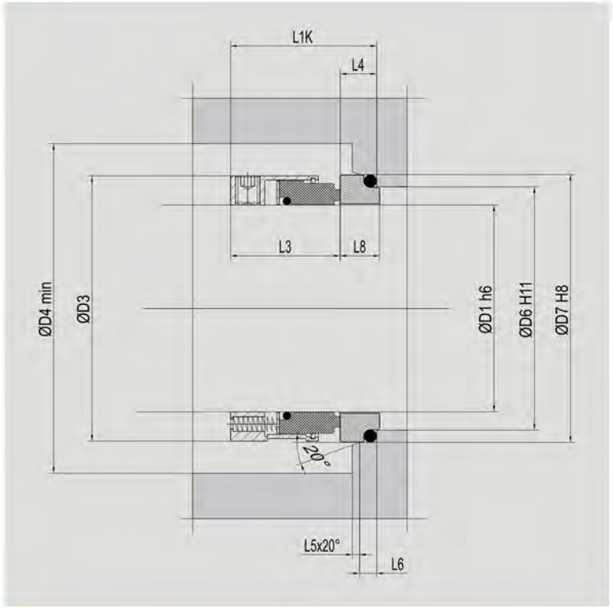
◆ Combination of materials (En12756):
◆ Seal face:B; A;U2
◆ Stationary seat:Q1;
◆ O-ring: V; E; K; M5s
◆ Wave spring: G; M
◆ Construction: G; F; M...

产品技术特点：
EN 12756 标准。单端面平衡型，无旋向要求，动环补偿波形弹簧密封。轴向超短型结构设计。特别适应：螺杆泵、压缩机、风机上使用。

SIZE

D	D2	D3	D4	D6	D7	D8	D9	L1	L2	L3	L5	L6	L7	L20	F	Mx
10	14	24	26	17	21	3	10.5	37.0	18	31.0	1.5	4	8.5	6	5	5
12	16	26	28	19	23	3	12.5	37.0	18	31.0	1.5	4	8.5	6	5	5
14	18	29	24	21	25	3	14.5	37.0	18	31.0	1.5	4	8.5	6	5	5
16	20	34	36	23	27	3	16.5	37.0	18	31.0	1.5	4	8.5	6	5	5
18	22	36	38	27	33	3	18.5	38.5	20	31.5	2	5	9	7	5	5
20	24	38	40	29	35	3	20.5	41.5	20	34.5	2	5	9	7	5	5
22	26	40	42	31	37	3	22.5	42.5	20	35.5	2	5	9	7	5	5
24	28	42	44	33	39	3	24.5	42.5	20	35.5	2	5	9	7	5	6
25	30	44	46	34	40	3	25.8	43.5	20	36.5	2	5	9	7	5	6
28*	33	47	49	37	43	3	28.8	43.5	20	36.5	2	5	9	7	5	6
30*	35	49	51	39	45	3	30.8	43.5	20	36.5	2	5	9	7	5	6
33	38	54	58	42	48	3	33.8	44.5	20	37.5	2	5	9	7	5	6
35	40	56	60	44	50	3	35.8	45.5	20	38.5	2	5	9	7	5	6
38	43	59	63	49	56	4	38.8	49.0	23	41.0	2	6	9	8	5	6
40	45	61	65	51	58	4	40.8	49.0	23	41.0	2	6	9	8	5	6
43	48	63	68	54	61	4	43.8	49.0	23	41.0	2	6	9	8	5	6
45	50	66	70	56	63	4	45.8	49.0	23	41.0	2	6	9	8	5	6
48	53	69	73	59	66	4	48.8	49.0	23	41.0	2	6	9	8	5	6
50*	55	71	75	62	70	4	50.8	51.0	25	41.5	2.5	6	9	9.5	5	6
53	58	78	83	65	73	4	53.8	52.0	25	42.5	2.5	6	9	9.5	5	6
55	60	80	85	67	75	4	55.8	52.0	25	42.5	2.5	6	9	9.5	5	6
58	63	83	88	70	78	4	58.8	55.0	25	44.5	2.5	6	9	10.5	6	8
60*	65	85	90	72	80	4	60.8	55.0	25	44.5	2.5	6	9	10.5	6	8
63	68	88	93	75	83	4	63.8	55.0	25	44.5	2.5	6	9	10.5	6	8
65	70	90	95	77	85	4	65.8	55.0	25	44.5	2.5	6	9	10.5	6	8
70*	75	95	104	83	92	4	70.8	58.0	28	46.5	2.5	7	9	11.5	6	8
75	80	104	109	88	97	4	75.8	59.0	28	47.5	2.5	7	9	11.5	6	8
80*	85	109	114	95	105	4	80.8	59.0	28	47.5	3	7	9	11.5	6	8
85	90	114	119	100	110	4	85.8	66.0	28	54.5	3	7	9	11.5	6	8
90	95	119	124	105	115	4	90.8	66.0	28	53.0	3	7	9	13	6	8
95	100	124	129	110	120	4	95.8	66.0	28	53.0	3	7	9	13	6	8
100	105	129	135	115	125	4	100.8	66.0	28	53.0	3	7	9	13	6	8

LY58U-LYBO



- ◆ xxxx. LY58U-LYBO
- ◆ Single Seal
- ◆ Unbalanced
- ◆ Operating limits:
- ◆ d1 =14~100 mm
- ◆ t =-40 ... 260°C
- ◆ p1 =17 bar
- ◆ Vg =25 m/s
- ◆ solid contained ≤0.5 Wt%
- ◆ Viscosityto 500 cP

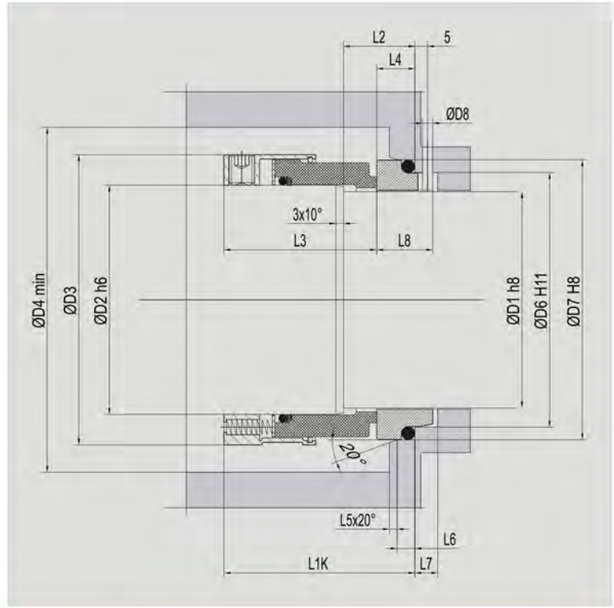
- ◆ Combination of materials (En12756):
- ◆ Seal face:B; A
- ◆ Stationary seat:Q1;
- ◆ O-ring: V; E; N; K; M5s
- ◆ Spring: M
- ◆ Construction: G; F; M...

产品技术特点：
EN 12756标准。单端面非平衡型，无旋向要求，动环补偿式密封。特别适应：化工泵、化工流程泵上使用。

SIZE

Size (mm)	D1	D3	D4	L1K	L3	D6	D7	L4	L5	L6	L8
14	14	24	26	35	23	21	25	12	1.5	4	12.8
16	16	26	28	35	23	23	27	12	1.5	4	12.8
18	18	32	34	37.5	24	27	33	13.5	2	5	14.5
20	20	34	36	37.5	24	29	35	13.5	2	5	14.5
22	22	36	38	37.5	24	31	37	13.5	2	5	14.5
24	24	38	40	40	26.7	33	39	13.3	2	5	14.3
25	25	39	41	40	27	34	40	13	2	5	14
28	28	42	44	42.5	30	37	43	12.5	2	5	13.5
30	30	44	46	42.5	30.5	39	45	12	2	5	13
32*	32	46	48	42.5	30.5	42	48	12	2	5	13
33	33	47	49	42.5	30.5	42	48	12	2	5	13
35	35	49	51	42.5	30.5	44	50	12	2	5	13
38	38	54	58	45	32	49	56	13	2	6	14
40*	40	56	60	45	32	51	58	13	2	6	14
43	43	59	63	45	32	54	61	13	2	6	14
45*	45	61	65	45	32	56	63	13	2	6	14
48	48	64	68	45	32	59	66	13	2	6	14
50	50	66	70	47.5	34	62	70	13.5	2.5	6	14.5
53	53	69	73	47.5	34	65	73	13.5	2.5	6	14.5
55	55	71	75	47.5	34	67	75	13.5	2.5	6	14.5
58	58	78	83	52.5	39	70	78	13.5	2.5	6	14.2
60*	60	80	85	52.5	39	72	80	13.5	2.5	6	14.2
63	63	83	88	52.5	39	75	83	13.5	2.5	6	14.2
65	65	85	90	52.5	39	77	85	13.5	2.5	6	14.2
68	68	88	93	52.5	39	81	90	13.5	2.5	7	14.2
70	70	90	95	60	45.5	83	92	14.5	2.5	7	15.2
75*	75	95	104	60	45.5	88	97	14.5	2.5	7	15.2
80	80	104	109	60	45	95	105	15	3	7	15.7
85	85	109	114	60	45	100	110	15	3	7	15.7
90	90	114	119	65	50	105	115	15	3	7	15.7
95	95	119	124	65	50	110	120	15	3	7	15.7
100	100	124	129	65	50	115	125	15	3	7	15.7

LY58B-LYBP



- ◆ xxxx. LY58B-LYBP
- ◆ Single Seal
- ◆ Balanced
- ◆ Operating limits:
- ◆ d1 =14~100 mm
- ◆ t =-40 ... 260°C
- ◆ p1 =62 bar
- ◆ Vg =25 m/s
- ◆ solid contained ≤0.5 Wt%
- ◆ Viscosityto 500 cP

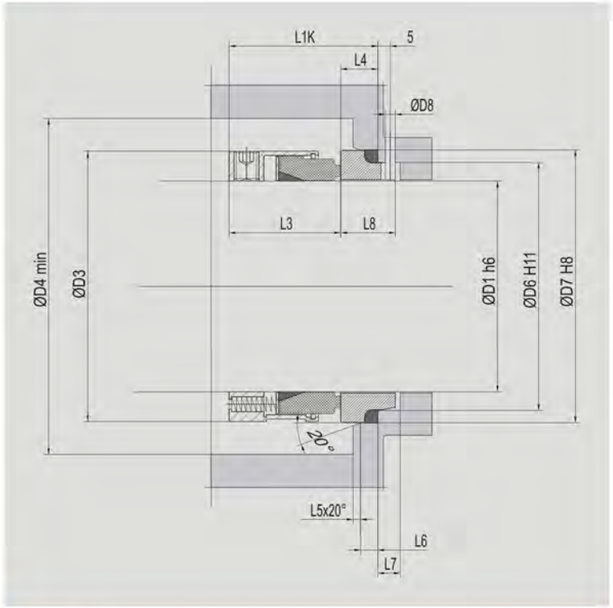
- ◆ Combination of materials (En12756):
- ◆ Seal face:B; A
- ◆ Stationary seat:Q1;
- ◆ O-ring: V; E; K; M5s
- ◆ Spring: M
- ◆ Construction: G; F; M...

产品技术特点：
EN 12756标准。单端面平衡型，无旋向要求，动环补偿式密封。特别适应：各种化工流程泵、API标准流程泵上使用。

SIZE

Size (mm)	D1	D2	D3	D4	L1K	L2	L3	D6	D7	D8	L4	L5	L6	L7	L8
14	14	18	32	34	42.5	18	30.5	21	25	3	12	1.5	4	8.5	18.5
16	16	20	34	36	42.5	18	30.5	23	27	3	12	1.5	4	8.5	18.5
18	18	22	36	38	45	20	31.5	27	33	3	13.5	2	5	9	20.5
20	20	24	38	40	45	20	31.5	29	35	3	13.5	2	5	9	20.5
22	22	26	40	42	45	20	31.5	31	37	3	13.5	2	5	9	20.5
24	24	28	42	44	47.5	20	34.2	33	39	3	13.3	2	5	9	20.3
25	25	30	44	46	47.5	20	34.5	34	40	3	13	2	5	9	20
28	28	33	47	49	50	20	37.5	37	43	3	12.5	2	5	9	19.5
30	30	35	49	51	50	20	38	39	45	3	12	2	5	9	19
32	32	38	54	58	50	20	38	42	48	3	12	2	5	9	19
33	33	38	54	58	50	20	38	42	48	3	12	2	5	9	19
35	35	40	56	60	50	20	38	44	50	3	12	2	5	9	19
38	38	43	59	63	52.5	23	39.5	49	56	4	13	2	6	9	20
40	40	45	61	65	52.5	23	39.5	51	58	4	13	2	6	9	20
43	43	48	64	68	52.5	23	39.5	54	61	4	13	2	6	9	20
45	45	50	66	70	52.5	23	39.5	56	63	4	13	2	6	9	20
48	48	53	69	73	52.5	23	39.5	59	66	4	13	2	6	9	20
50	50	55	71	75	57.5	25	44	62	70	4	13.5	2.5	6	9	20.5
53	53	58	78	83	57.5	25	44	65	73	4	13.5	2.5	6	9	20.5
55	55	60	80	85	57.5	25	44	67	75	4	13.5	2.5	6	9	20.5
58	58	63	83	88	62.5	25	49	70	78	4	13.5	2.5	6	9	20.5
60	60	65	85	90	62.5	25	49	72	80	4	13.5	2.5	6	9	20.5
63	63	68	88	93	62.5	25	49	75	83	4	13.5	2.5	6	9	20.5
65	65	70	90	95	62.5	25	49	77	85	4	13.5	2.5	6	9	20.5
70	70	75	95	104	70	28	55.5	83	92	4	14.5	2.5	7	9	21.5
75	75	80	104	109	70	28	55.5	88	97	4	14.5	2.5	7	9	21.5
80	80	85	109	114	70	28	55	95	105	4	15	3	7	9	22
85	85	90	114	119	75	28	60	100	110	4	15	3	7	9	22
90	90	95	119	124	75	28	60	105	115	4	15	3	7	9	22
95	95	100	124	129	75	28	60	110	120	4	15	3	7	9	22
100	100	105	129	134	75	28	60	115	125	4	15	3	7	9	22

LY59U-LYBP



◆ xxxx.LY59U-LYBP
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =14~100 mm
◆ t =-100 ... 100°C
◆ p1 =17 bar
◆ Vg =25 m/s
◆ solid contained ⩽0.5 Wt%
◆ Viscosityto 500 cP

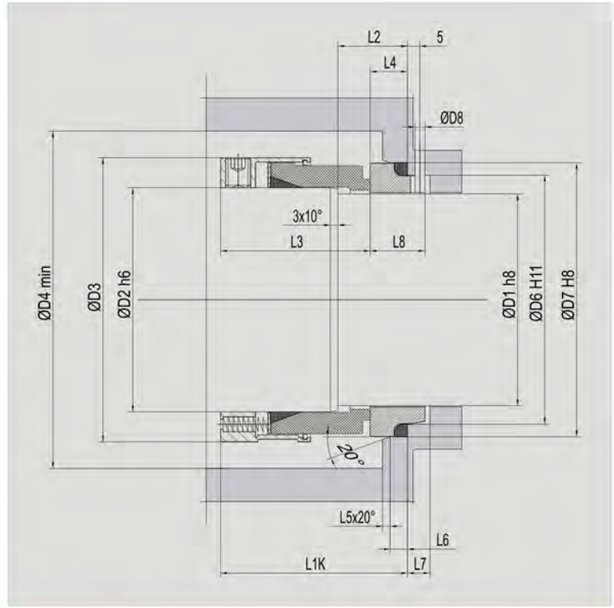
◆ Combination of materials (En12756):
◆ Seal face:B; A
◆ Stationary seat:Q1;
◆ O-ring: T
◆ Spring: M
◆ Construction: G; F; M...

产品技术特点：
EN 12756标准。单端面非平衡型，无旋向要求，动环补偿式密封。特别适应：化工泵、化工流程泵、API标准流程泵、低温泵上使用。

SIZE

Size (mm)	D1	D3	D4	L1K	L3	D6	D7	D8	L4	L5	L6	L7	L8
14	14	24	26	35	23	21	25	3	12	1.5	4	8.5	18.5
16	16	26	28	35	23	23	27	3	12	1.5	4	8.5	18.5
18	18	32	34	37.5	24	27	33	3	13.5	2	5	9	20.5
20	20	34	36	37.5	24	29	35	3	13.5	2	5	9	20.5
22	22	36	38	37.5	24	31	37	3	13.5	2	5	9	20.5
24	24	38	40	40	26.7	33	39	3	13.3	2	5	9	20.3
25	25	39	41	40	27	34	40	3	13	2	5	9	20
28	28	42	44	42.5	30	37	43	3	12.5	2	5	9	19.5
30	30	44	46	42.5	30.5	39	45	3	12	2	5	9	19
32	32	46	48	42.5	30.5	42	48	3	12	2	5	9	19
33	33	47	49	42.5	30.5	42	48	3	12	2	5	9	19
35	35	49	51	42.5	30.5	44	50	3	12	2	5	9	19
38	38	54	58	45	32	49	56	4	13	2	6	9	20
40	40	56	60	45	32	51	58	4	13	2	6	9	20
43	43	59	63	45	32	54	61	4	13	2	6	9	20
45	45	61	65	45	32	56	63	4	13	2	6	9	20
48	48	64	68	45	32	59	66	4	13	2	6	9	20
50	50	66	70	47.5	34	62	70	4	13.5	2.5	6	9	20.5
53	53	69	73	47.5	34	65	73	4	13.5	2.5	6	9	20.5
55	55	71	75	47.5	34	67	75	4	13.5	2.5	6	9	20.5
58	58	78	83	52.5	39	70	78	4	13.5	2.5	6	9	20.5
60	60	80	85	52.5	39	72	80	4	13.5	2.5	6	9	20.5
63	63	83	88	52.5	39	75	83	4	13.5	2.5	6	9	20.5
65	65	85	90	52.5	39	77	85	4	13.5	2.5	6	9	20.5
68	68	88	93	52.5	39	81	90	4	13.5	2.5	7	9	20.5
70	70	90	95	60	45.5	83	92	4	14.5	2.5	7	9	21.5
75	75	95	104	60	45.5	88	97	4	14.5	2.5	7	9	21.5
80	80	104	109	60	45	95	105	4	15	3	7	9	22
85	85	109	114	60	45	100	110	4	15	3	7	9	22
90	90	114	119	65	50	105	115	4	15	3	7	9	22
95	95	119	124	65	50	110	120	4	15	3	7	9	22
100	100	124	129	65	50	115	125	4	15	3	7	9	22

LY59B-LYBP



◆ xxxx.LY59B-LYBP
◆ Single Seal
◆ Balanced
◆ Operating limits:
◆ d1 =14~100 mm
◆ t =-100 ... 100°C
◆ p1 =62 bar
◆ Vg =25 m/s
◆ solid contained ≤0.5 Wt%
◆ Viscosityto 500 cP

◆ Combination of materials (En12756):
◆ Seal face:B; A
◆ Stationary seat:Q1;
◆ O-ring: T
◆ Spring: M
◆ Construction: G; F; M...

产品技术特点：
EN 12756标准。单端面平衡型，无旋向要求，动环补偿式密封。特别适应：化工泵、化工流程泵、API标准流程泵、低温泵上使用。

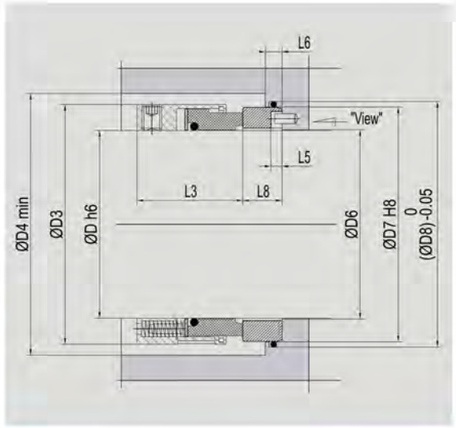
SIZE

Size (mm)	D1	D2	D3	D4	L1K	L2	L3	D6	D7	D8	L4	L5	L6	L7	L8
14	14	18	32	34	42.5	18	30.5	21	25	3	12	1.5	4	8.5	18.5
16	16	20	34	36	42.5	18	30.5	23	27	3	12	1.5	4	8.5	18.5
18	18	22	36	38	45	20	31.5	27	33	3	13.5	2	5	9	20.5
20	20	24	38	40	45	20	31.5	29	35	3	13.5	2	5	9	20.5
22	22	26	40	42	45	20	31.5	31	37	3	13.5	2	5	9	20.5
24	24	28	42	44	47.5	20	34.2	33	39	3	13.3	2	5	9	20.3
25	25	30	44	46	47.5	20	34.5	34	40	3	13	2	5	9	20
28	28	33	47	49	50	20	37.5	37	43	3	12.5	2	5	9	19.5
30	30	35	49	51	50	20	38	39	45	3	12	2	5	9	19
32	32	38	54	58	50	20	38	42	48	3	12	2	5	9	19
33	33	38	54	58	50	20	38	42	48	3	12	2	5	9	19
35	35	40	56	60	50	20	38	44	50	3	12	2	5	9	19
38	38	43	59	63	52.5	23	39.5	49	56	4	13	2	6	9	20
40	40	45	61	65	52.5	23	39.5	51	58	4	13	2	6	9	20
43	43	48	64	68	52.5	23	39.5	54	61	4	13	2	6	9	20
45	45	50	66	70	52.5	23	39.5	56	63	4	13	2	6	9	20
48	48	53	69	73	52.5	23	39.5	59	66	4	13	2	6	9	20
50	50	55	71	75	57.5	25	44	62	70	4	13.5	2.5	6	9	20.5
53	53	58	78	83	57.5	25	44	65	73	4	13.5	2.5	6	9	20.5
55	55	60	80	85	57.5	25	44	67	75	4	13.5	2.5	6	9	20.5
58	58	63	83	88	62.5	25	49	70	78	4	13.5	2.5	6	9	20.5
60	60	65	85	90	62.5	25	49	72	80	4	13.5	2.5	6	9	20.5
63	63	68	88	93	62.5	25	49	75	83	4	13.5	2.5	6	9	20.5
65	65	70	90	95	62.5	25	49	77	85	4	13.5	2.5	6	9	20.5
70	70	75	95	104	70	28	55.5	83	92	4	14.5	2.5	7	9	21.5
75	75	80	104	109	70	28	55.5	88	97	4	14.5	2.5	7	9	21.5
80	80	85	109	114	70	28	55	95	105	4	15	3	7	9	22
85	85	90	114	119	75	28	60	100	110	4	15	3	7	9	22
90	90	95	119	124	75	28	60	105	115	4	15	3	7	9	22
95	95	100	124	129	75	28	60	110	120	4	15	3	7	9	22
100	100	105	129	134	75	28	60	115	125	4	15	3	7	9	22

LY8-1-LYN

- ◆ xxxx. LY8-1-LYN
- ◆ Single Seal
- ◆ Unbalanced
- ◆ Operating limits:
- ◆ d1 =0.500"...6.000" mm
- ◆ t =-40 ... 260°C
- ◆ p1 =24 bar
- ◆ Vg =25 m/s
- ◆ solid contained ≤0.5 Wt%
- ◆ Viscosityto 300 cP

- ◆ Combination of materials (En12756):
- ◆ Seal face:B; A;U2
- ◆ Stationary seat:Q1;
- ◆ O-ring: V; E; K; M5s
- ◆ Spring: M
- ◆ Construction: G; F; M...



产品技术特点：
ANSI标准。单端面非平衡型密封。无旋向要求，动环补偿、弹簧防剪切式结构。轴向安装尺寸允差达+/-4 mm超标准设计。特别适应：各种化工流程泵、API标准流程泵、ANSI标准流程泵上使用。

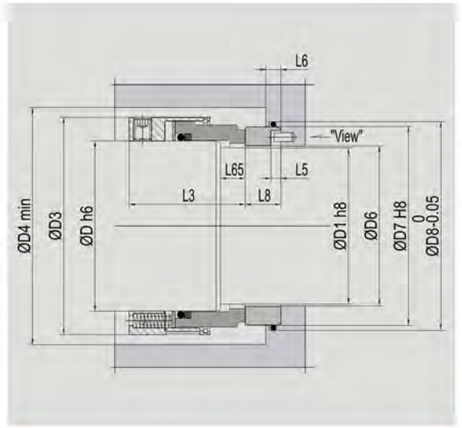
SIZE

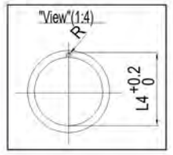
Sealsize inches	D	D3	D4	L3	D6	D7	L6	L8	D8	L5xR	O-RingBS4518
0.5	12.7	26.7	30	21	14.5	25.6	6.75	7.9	31.6	4xR3	25x3.53
0.625	15.87	30.7	34	19	17.5	31.95	6.75	10.3	37.95	4xR3	31.34x3.53
0.75	19.05	34	37	22	21	35.12	6.75	10.3	41.12	4xR3	34.52x3.53
0.875	22.22	37.2	40	24	24	38.3	6.75	10.3	44.3	4xR3	37.7x3.53
1	25.4	40.3	43	25	27.5	41.48	6.75	11.15	47.48	4xR3	40.87x3.53
1.125	28.57	43.5	46	27	30.5	44.65	6.75	11.15	50.65	4xR3	44.05x3.53
1.25	31.75	48.3	51	27	33.5	47.83	6.75	11.15	53.83	4xR3	47.23x3.53
1.375	34.92	51.5	54	29	37	51	6.75	11.15	57	4xR3	50.4x3.53
1.5	38.1	54.6	58	29	40	54.18	6.75	11.15	60.18	4xR3	53.57x3.53
1.625	41.27	61	64	35	43.5	60.53	6.75	12.75	66.53	5xR4	59.92x3.53
1.75	44.45	64.2	67	35	46.5	63.7	6.75	12.75	69.7	5xR4	63.1x3.53
1.875	47.62	67.3	70	35	49.5	66.88	6.75	12.75	72.88	5xR4	66.27x3.53
2	50.8	70.5	73	35	53	70.05	6.75	12.75	76.05	5xR4	69.44x3.53
2.125	53.97	76.9	80	43	56	76.4	6.75	14.33	82.4	5xR4	75.8x3.53
2.25	57.15	80	83	43	59	79.58	6.75	14.33	85.58	5xR4	78.97x3.53
2.375	60.32	83.2	86	43	62.5	82.75	6.75	14.33	88.75	5xR4	82.14x3.53
2.5	63.5	86.4	89	43	65.5	85.93	6.75	14.33	91.93	5xR4	85.32x3.53
2.625	66.67	89.6	92	43	68.5	85.93	6.75	15.93	91.93	5xR4	85.32x3.53
2.75	69.85	92.7	96	43	72	89.1	6.75	15.93	95.1	5xR4	88.5x3.53
2.875	73.02	95.9	99	43	75	95.45	6.75	15.93	101.45	5xR4	94.84x3.53
3	76.2	97.5	100	43	78.5	98.63	6.75	15.93	104.63	5xR4	98.02x3.53
3.125	79.37	100.7	104	43	81.5	101.8	6.75	19.84	107.8	5xR4	101.2x3.53
3.25	82.55	105.4	108	43	84.5	104.98	6.75	19.84	110.98	5xR4	104.37x3.53
3.375	85.72	108.6	111	43	88	108.15	6.75	19.84	114.15	5xR4	107.54x3.53
3.5	88.9	111.8	115	43	91	111.33	6.75	19.84	117.33	5xR4	110.72x3.53
3.625	92.07	115	118	43	94	114.5	6.75	19.84	120.5	5xR4	113.9x3.53
3.75	95.25	118.1	121	43	97.5	117.68	6.75	19.84	123.68	5xR4	117.07x3.53
3.875	98.42	121.3	124	43	100.5	120.85	6.75	19.84	126.85	5xR4	120.24x3.53
4	101.6	124.5	127	43	103.5	124.03	6.75	19.84	130.03	5xR4	123.42x3.53
4.125	104.78	130.2	134	42.9	107	130.38	6.75	19.84	136.38	5xR4	129.77x3.53
4.25	107.95	133.4	137	42.9	110	133.55	6.75	19.84	139.55	5xR4	132.94x3.53
4.375	111.13	136.5	140	42.9	113.5	136.72	6.75	19.84	142.72	5xR4	136.12x3.53
4.5	114.3	139.7	143	42.9	116.5	139.9	6.75	19.84	145.9	5xR4	139.3x3.53
4.625	117.48	142.9	146	42.9	119.5	143.08	6.75	19.84	149.08	5xR4	142.47x3.53
4.75	120.65	146.1	149	42.9	122.5	146.25	6.75	19.84	152.25	5xR4	145.65x3.53
4.875	123.83	149.2	153	42.9	126	149.43	6.75	19.84	155.43	5xR4	148.82x3.53
5	127	152.4	156	42.9	129	152.6	7.75	19.84	161.9	5xR4	151.77x5.33
5.125	130.18	155.6	159	42.9	132	155.77	7.75	19.84	165.07	5xR4	155x5.33
5.25	133.35	165.1	168	50.8	135.5	158.95	7.75	19.84	168.25	5xR4	158.12x5.33
5.375	136.53	168.3	165	50.8	138.5	162.12	7.75	19.84	171.42	5xR4	161.3x5.33
5.5	139.7	171.5	175	50.8	141.5	165.3	7.75	19.84	174.6	5xR4	164.47x5.33
5.625	142.88	174.6	178	50.8	145	168.47	7.75	19.84	177.77	5xR4	167.7x5.33
5.75	146.05	177.8	181	50.8	149	177.23	12.17	25.4	189.53	6xR5	177.17x6.99
5.875	149.23	181	184	50.8	152.5	180.41	12.17	25.4	192.71	6xR5	181x6.99
6	152.4	184.2	188	50.8	155.5	183.59	12.17	25.4	195.89	6xR5	183.52x6.99

LY8B1-LYN

- ◆ xxxx. LY8B1-LYN
- ◆ Single Seal
- ◆ Balanced
- ◆ Operating limits:
- ◆ d1 =0.625"...6.000" mm
- ◆ t =-40 ... 260°C
- ◆ p1 =83 bar
- ◆ Vg =25 m/s
- ◆ solid contained ≤0.5 Wt%
- ◆ Viscosityto 300 cP

- ◆ Combination of materials (En12756):
- ◆ Seal face:B; A;
- ◆ Stationary seat:Q1;
- ◆ O-ring: V; E; K; M5s
- ◆ Spring: M
- ◆ Construction: G; F; M...





产品技术特点：
ANSI标准。单端面平衡型密封。无旋向要求，动环补偿、弹簧防剪切式结构。轴向安装尺寸允差达+/-4 mm超标准设计。特别适应：各种化工流程泵、API标准流程泵、ANSI标准流程泵上使用。

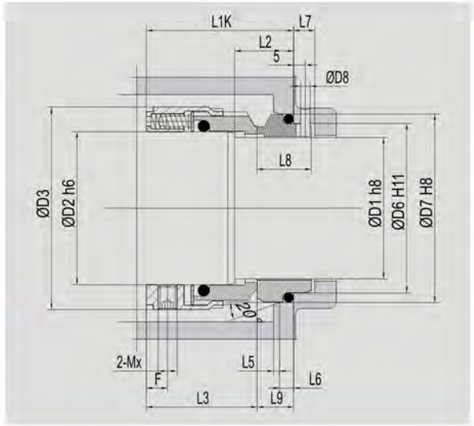
SIZE

Sealsize inches	D	D1	D3	D4	L3	L65	D6	D7	L6	L8	D8	L5xR	O-Ring BS4518
0.625	15.87	12.7	30.8	34	27	7.5	14.5	25.6	6.75	7.9	31.6	4xR3	25x3.53
0.75	19.05	15.9	34	37	30	7.8	17.5	31.95	6.75	10.3	37.95	4xR3	31.34x3.53
0.875	22.22	19.1	37.2	40	32	8	21	35.12	6.75	10.3	41.12	4xR3	34.52x3.53
1	25.4	22.2	40.3	43	33	8	24	38.3	6.75	10.3	44.3	4xR3	37.7x3.53
1.125	28.58	25.4	43.4	46	35	7.9	27.5	41.48	6.75	11.15	47.48	4xR3	40.87x3.53
1.25	31.75	28.6	48.3	51	35	7.9	30.5	44.65	6.75	11.15	50.65	4xR3	44.05x3.53
1.375	34.93	28.6	51.3	54	37	8.7	30.5	44.65	6.75	11.15	53.83	4xR3	47.23x3.53
1.5	38.1	31.8	54.5	58	37	8.7	33.5	47.83	6.75	11.15	53.83	4xR3	47.23x3.53
1.625	41.28	34.9	60.8	64	45	8.7	37	51	6.75	11.15	57	4xR3	50.4x3.53
1.75	44.45	38.1	64	67	45	9.5	40	54.18	6.75	11.15	60.18	4xR3	53.57x3.53
1.875	47.63	41.3	67.2	70	45	9.5	43.5	60.53	6.75	12.75	66.53	5xR4	59.92x3.53
2	50.8	44.5	70.4	73	45	9.5	46.5	63.7	6.75	12.75	69.7	5xR4	63.1x3.53
2.125	53.98	47.6	76.7	80	52	11.1	49.5	66.88	6.75	12.75	72.88	5xR4	66.27x3.53
2.25	57.15	50.8	79.9	83	52	11.1	53	70.05	6.75	12.75	76.05	5xR4	69.44x3.53
2.375	60.33	54	83.1	86	52	11.1	56	76.4	6.75	14.33	82.4	5xR4	75.8x3.53
2.5	63.5	57.2	86.2	89	52	11.1	59	79.58	6.75	14.33	85.58	5xR4	78.97x3.53
2.625	66.68	60.3	89.4	92	52	11.1	62.5	82.75	6.75	14.33	88.75	5xR4	82.14x3.53
2.75	69.85	63.5	92.6	96	52	11.1	65.5	85.93	6.75	14.33	91.93	5xR4	85.32x3.53
2.875	73.03	66.7	95.8	99	52	11.1	68.5	85.93	6.75	15.93	91.93	5xR4	85.32x3.53
3	76.2	69.9	97.3	100	52	11.1	72	89.1	6.75	15.93	95.1	5xR4	88.5x3.53
3.125	79.38	73	100.5	104	52	11.1	75	95.45	6.75	15.93	101.45	5xR4	94.84x3.53
3.25	82.55	76.2	105.3	108	52	14.3	78.5	98.63	6.75	15.93	104.63	5xR4	98.02x3.53
3.375	85.73	79.4	108.3	111	52	14.3	81.5	101.8	6.75	19.84	107.8	5xR4	101.2x3.53
3.5	88.9	82.6	111.6	115	52	14.3	84.5	104.98	6.75	19.84	110.98	5xR4	104.37x3.53
3.625	92.08	85.7	114.8	118	52	14.3	88	108.15	6.75	19.84	114.15	5xR4	107.54x3.53
3.75	95.25	88.9	118	121	52	14.3	91	111.33	6.75	19.84	117.33	5xR4	110.72x3.53
3.875	98.43	92.1	121.2	124	52	14.3	94	114.5	6.75	19.84	120.5	5xR4	113.9x3.53
4	101.6	95.3	124.03	127	52	14.3	97.5	117.68	6.75	19.84	123.68	5xR4	117.07x3.53
4.125	104.78	98.4	130.2	134	52.4	14.3	100.5	120.85	6.75	19.84	126.85	5xR4	120.24x3.53
4.25	107.95	101.6	133.4	137	52.4	14.3	103.5	124.3	6.75	19.84	130.03	5xR4	123.42x3.53
4.375	111.13	104.8	136.5	140	52.4	14.3	107	130.38	6.75	19.84	136.38	5xR4	129.77x3.53
4.5	114.3	107.9	139.7	143	52.4	14.3	110	133.55	6.75	19.84	139.55	5xR4	132.94x3.53
4.625	117.48	111.1	142.9	146	52.4	15.8	113.5	136.72	6.75	19.84	142.72	5xR4	136.12x3.53
4.75	120.65	114.3	146.1	149	52.4	15.8	116.5	139.9	6.75	19.84	145.9	5xR4	139.3x3.53
4.875	123.83	117.4	149.2	153	52.4	15.8	119.5	143.08	6.75	19.84	149.08	5xR4	142.47x3.53
5	127	120.6	152.4	156	52.4	15.8	122.5	146.25	6.75	19.84	152.25	5xR4	145.65x3.53
5.125	130.18	123.8	155.6	159	52.4	15.8	126	149.43	6.75	19.84	155.43	5xR4	148.82x3.53
5.25	133.35	127	165.1	168	60.3	15.8	129	152.6	7.75	19.84	161.9	5xR4	151.77x5.33
5.375	136.53	130.2	168.3	165	60.3	15.8	132	155.77	7.75	19.84	165.07	5xR4	155x5.33
5.5	139.7	133.3	171.5	175	60.3	15.8	135.5	158.95	7.75	19.84	168.25	5xR4	158.12x5.33
5.625	142.88	136.5	174.6	178	60.3	15.8	138.5	162.12	7.75	19.84	171.42	5xR4	161.3x5.33
5.75	146.05	139.7	177.8	181	60.3	15.8	141.5	165.3	7.75	19.84	174.6	5xR4	164.47x5.33
5.875	149.23	142.9	181	184	60.3	15.8	145	168.47	7.75	19.84	177.77	5xR4	167.7x5.33
6	152.4	146	184.2	188	60.3	15.8	149	177.23	12.17	25.4	189.53	6xR5	177.17x6.99

LYH75-LYG9

- ◆ xxxx. LYH75-LYG9
- ◆ Single Seal
- ◆ Balanced
- ◆ Operating limits:
- ◆ d1 =28~200 mm
- ◆ t =-50 ... 220°C
- ◆ p1 =25 bar
- ◆ Vg =20 m/s
- ◆ solid contained ≤0.5 Wt%
- ◆ Viscosityto 500 cP

- ◆ Combination of materials (En12756):
- ◆ Seal face:Q1;
- ◆ Stationary seat:A;B;Q1;
- ◆ O-ring: V; E; K; M5s
- ◆ Spring: M
- ◆ Construction: G; F; M...



产品技术特点：
EN 12756 、API682标准。单端面平衡型密封。无旋向要求，动环补偿、弹簧防剪切式结构。轴向安装尺寸允差达+/-4 mm超标准设计。特别适应：各种化工流程泵、API标准流程泵上使用。

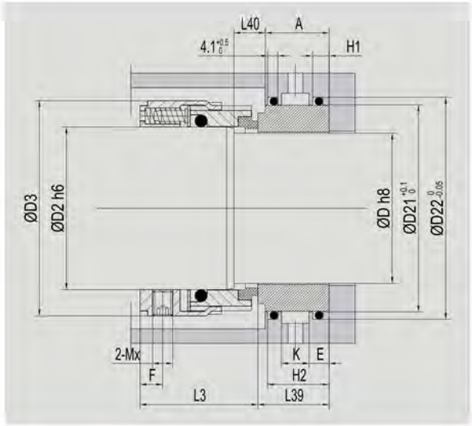
SIZE

D1	D2	D3	D6	D7	D8	L1K	L2	L3	L5	L6	L7	L8	L9	F	Mx
28	33	48	37	43	3	50	20	38.5	2	5	9	19.5	11.5	8	6
30	35	50	39	45	3	50	20	38.5	2	5	9	19.5	11.5	8	6
32	38	55	42	48	3	50	20	38.5	2	5	9	19.5	11.5	8	6
33	38	55	42	48	3	50	20	38.5	2	5	9	19.5	11.5	8	6
35	40	57	44	50	3	50	20	38.5	2	5	9	19.5	11.5	8	6
38	43	60	49	56	4	52.5	23	38.5	2	6	9	22	14	8	6
40	45	62	51	58	4	52.5	23	38.5	2	6	9	22	14	8	6
43	48	65	54	61	4	52.5	23	38.5	2	6	9	22	14	8	6
45	50	67	56	63	4	52.5	23	38.5	2	6	9	22	14	8	6
48	53	70	59	66	4	52.5	23	38.5	2	6	9	22	14	8	6
50	55	72	62	70	4	57.5	25	42.5	2.5	6	9	23	15	8	6
53	58	79	65	73	4	57.5	25	42.5	2.5	6	9	23	15	9	8
55	60	81	67	75	4	57.5	25	42.5	2.5	6	9	23	15	9	8
58	63	84	70	78	4	62.5	25	47.5	2.5	6	9	23	15	9	8
60	65	86	72	80	4	62.5	25	47.5	2.5	6	9	23	15	9	8
63	68	89	75	83	4	62.5	25	47.5	2.5	6	9	23	15	9	8
65	70	91	77	85	4	62.5	25	47.5	2.5	6	9	23	15	9	8
70	75	99	83	92	4	70	28	52	2.5	7	9	26	18	10	8
75	80	104	88	97	4	70	28	52	2.5	7	9	26	18	10	8
80	85	109	95	105	4	70	28	51.8	3	7	9	26.2	18.2	10	8
85	90	114	100	110	4	75	28	56.8	3	7	9	26.2	18.2	10	8
90	95	119	105	115	4	75	28	56.8	3	7	9	26.2	18.2	10	8
95	100	124	110	120	4	75	28	57.8	3	7	9	25.2	17.2	10	8
100	105	129	115	125	4	75	28	57.8	3	7	9	25.2	17.2	10	8
105	115	148	122.2	134.3	5	73	32	53	2	10		30	20	10	8
110	120	153	128.2	140.3	5	73	32	53	2	10		30	20	10	8
115	125	158	136.2	148.3	5	73	32	53	2	10		30	20	10	8
120	130	163	138.2	150.3	5	73	32	53	2	10		30	20	10	8
125	135	168	142.2	154.3	5	73	32	53	2	10		30	20	10	8
130	140	173	146.2	158.3	5	73	32	53	2	10		30	20	10	8
135	145	178	152.2	164.3	5	73	32	53	2	10		30	20	10	8
140	150	183	156.2	168.3	5	73	32	53	2	10		30	20	10	8
145	155	191	161.2	173.3	5	83	34	63	2	10		30	20	12	8
150	160	196	168.2	180.3	5	85	36	63	2	10		32	22	12	8
155	165	201	173.2	185.3	5	87	38	63	2	12		34	24	12	8
160	170	206	178.2	190.3	5	87	38	63	2	12		34	24	12	8
165	175	211	183.2	195.3	5	87	38	63	2	12		34	24	12	8
170	180	216	188.2	200.3	5	87	38	63	2	12		34	24	12	8
175	185	221	193.2	205.3	5	87	38	63	2	12		34	24	12	8
180	190	226	207.5	219.3	5	91	42	63	2	12		38	28	12	8
185	195	231	212.5	224.3	5	91	42	63	2	12		38	28	12	8
190	200	236	217.5	229.3	5	91	42	63	2	12		38	28	12	8
195	205	245	222.5	234.2	5	94	43	66	2	12		38	28	14	10
200	210	250	227.5	239.3	5	94	43	66	2	12		38	28	14	10

LYH75-LYG115

- ◆ xxxx. LYH75-LYG115
- ◆ Single Seal
- ◆ Balanced
- ◆ Operating limits:
- ◆ d1 =28~200 mm
- ◆ t =-50 ... 220°C
- ◆ p1 =45 bar
- ◆ Vg =20 m/s
- ◆ solid contained ≤0.5 Wt%
- ◆ Viscosityto 500 cP

- ◆ Combination of materials (En12756):
- ◆ Seal face:A;
- ◆ Stationary seat:Q1;
- ◆ O-ring: V; E; K
- ◆ Spring: M
- ◆ Construction: G; F; E

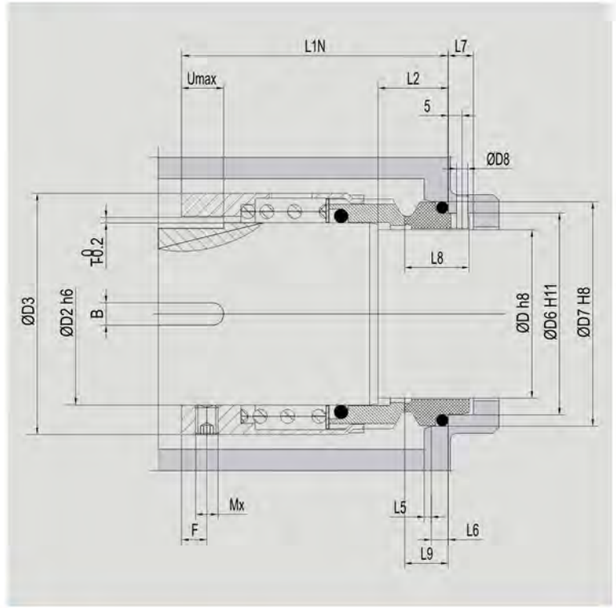


产品技术特点：
API682标准。单端面平衡型密封。无旋向要求，动环补偿、弹簧防剪切式结构。轴向安装尺寸允差达+/-4 mm超标准设计。静环双O形圈带水冷夹套。特别适应：热水泵、电站用泵、API标准流程泵上使用。

SIZE

D1	D2	D3	D21	D22	L3	L39	L40	A	E	H1	H2	K	F	Mx
28	33	48	44.65	50.57	38.5	24	8.5	24	8	6.6	22.6	9	8	6
30	35	50	47.83	53.75	38.5	24.5	9	24	8	6.6	22.6	9	8	6
32	38	55	47.83	53.75	38.5	24.5	9	24	8	6.6	22.6	9	8	6
33	38	55	47.83	53.75	38.5	24.5	9	24	8	6.6	22.6	9	8	6
35	40	57	51	56.92	38.5	24.5	9	24	8	6.6	22.6	9	8	6
38	43	60	54.18	60.1	38.5	26	11	24	8	6.6	22.6	9	8	6
40	45	62	60.53	66.45	38.5	26	11	24	8	6.6	22.6	9	8	6
43	48	65	63.7	69.62	38.5	26	11	24	8	6.6	22.6	9	8	6
45	50	67	63.7	69.62	38.5	26	11	24	8	6.6	22.6	9	8	6
48	53	70	66.88	72.8	38.5	26	11	24	8	6.6	22.6	9	8	6
50	55	72	70.05	75.97	42.5	26.5	12.5	24	8	6.6	22.6	9	8	6
53	58	79	76.4	82.32	42.5	26.5	12.5	24	8	6.6	22.6	9	9	8
55	60	81	76.4	82.32	42.5	28.5	12.5	26	8	6.6	24.6	11	9	8
58	63	84	79.58	85.5	47.5	28.5	12.5	26	8	6.6	24.6	11	9	8
60	65	86	82.75	88.67	47.5	28.5	12.5	26	8	6.6	24.6	11	9	8
63	68	89	85.93	91.85	47.5	28.5	12.5	26	8	6.6	24.6	11	9	8
65	70	91	85.93	91.85	47.5	28.5	12.5	26	8	6.6	24.6	11	9	8
70	75	99	89.1	95.02	52	30.5	14.5	26	8	6.6	24.6	11	10	8
75	80	104	98.63	104.55	52	30.5	14.5	26	8	6.6	24.6	11	10	8
80	85	109	101.8	107.72	51.8	30.2	14	26	8	6.6	24.6	11	10	8
85	90	114	108.15	114.07	56.8	30.2	14	26	8	6.6	24.6	11	10	8
90	95	119	114.5	120.42	56.8	30.2	14	26	8	6.6	24.6	11	10	8
95	100	124	117.68	123.6	57.8	29.2	14	26	8	6.6	24.6	11	10	8
100	105	129	124.03	129.95	57.8	29.2	14	26	8	6.6	24.6	11	10	8
105	115	148	128.98	134.9	53	29.2	15.2	26	8	6.6	24.6	11	10	8
110	120	153	135.3	141.2	53	32.5	14.5	30	9.5	6.6	28.6	13	10	8
115	125	158	140.3	146.2	53	32.5	14.5	30	9.5	6.6	28.6	13	10	8
120	130	163	145.3	151.2	53	32.5	14.5	30	9.5	6.6	28.6	13	10	8
125	135	168	150.3	156.2	53	32.5	14.5	30	9.5	6.6	28.6	13	10	8
130	140	173	155.3	161.2	53	32.5	14.5	30	9.5	6.6	28.6	13	10	8
135	145	178	160.3	166.2	53	32.5	14.5	30	9.5	6.6	28.6	13	10	8
140	150	183	165.3	171.2	53	32.5	14.5	30	9.5	6.6	28.6	13	10	8
145	155	191	172.3	178.2	63	34.5	16.5	32	10	7.1	30.1	14	12	8
150	160	196	177.3	183.2	63	34.5	16.5	32	10	7.1	30.1	14	12	8
155	165	201	182.3	188.2	63	34.5	16.5	32	10	7.1	30.1	14	12	8
160	170	206	187.3	193.2	63	34.5	16.5	32	10	7.1	30.1	14	12	8
165	175	211	192.3	198.2	63	34.5	16.5	32	10	7.1	30.1	14	12	8
170	180	216	197.3	203.2	63	37	16.5	34.5	10	7.1	32.1	16	12	8
175	185	221	202.3	208.2	63	37	16.5	34.5	10	7.1	32.1	16	12	8
180	190	226	207.3	213.2	63	37	16.5	34.5	10	7.1	32.1	16	12	8
185	195	231	212.3	218.2	63	37	16.5	34.5	10	7.1	32.1	16	12	8
190	200	236	217.3	223.2	63	37	16.5	34.5	10	7.1	32.1	16	12	8
195	205	245	225.3	231.2	66	37	17.5	34.5	10	7.1	32.1	16	14	10
200	210	250	230.3	236.2	66	37	17.5	34.5	10	7.1	32.1	16	14	10

LYH76-LYG92



◆ xxxx.LYH76-LYG92
◆ Single Seal
◆ Balanced
◆ Operating limits:
◆ d1 =14~100 mm
◆ t =-50 ... 220°C
◆ p1 =25 bar
◆ Vg =20 m/s
◆ solid contained ≤7 Wt%
◆ Viscosityto 500 cP

◆ Combination of materials (En12756):
◆ Seal face:Q1; U2
◆ Stationary seat:A; B
◆ O-ring: V; E; K; M5s
◆ Spring: G
◆ Construction: G; F

产品技术特点：
EN 12756 、API682标准。单端面平衡型，无旋向要求，动环补偿、单弹簧密封。轴向安装尺寸允差达+/-4 mm结构设计。特别适应：各种化工流程泵、API标准流程泵、沥青泵上使用。

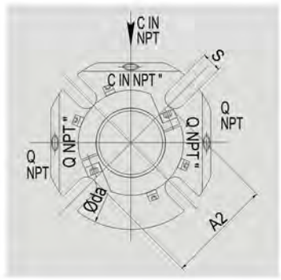
SIZE

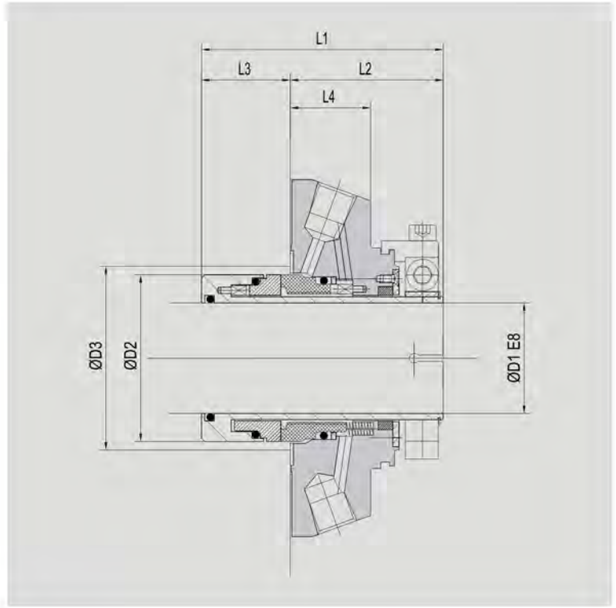
D1	D2	D3	D6	D7	D8	L1N	L2	L5	L6	L7	L8	L9	B	U max	T	F	Mx
14	18	33	21	25	3		18	1.5	4	8.5	17.5	10	5	9	1.1	6	5
16	20	35	23	27	3		18	1.5	4	8.5	17.5	10	5	9	1.1	6	5
18	22	37	27	33	3	55	20	2	5	9	19.5	11.5	6	9	1.5	7	5
20	24	39	29	35	3	60	20	2	5	9	19.5	11.5	6	9	1.5	5.5	5
22	26	41	31	37	3	60	20	2	5	9	19.5	11.5	6	9	1.5	8	5
24	28	43	33	39	3	60	20	2	5	9	19.5	11.5	6	9	1.5	5.5	6
25	30	45	34	40	3	60	20	2	5	9	19.5	11.5	6	9	1.5	5.5	6
28	33	48	37	43	3	65	20	2	5	9	19.5	11.5	6	12	1.5	8	6
30	35	50	39	45	3	65	20	2	5	9	19.5	11.5	6	12	1.5	8	6
32	38	55	42	48	3	65	20	2	5	9	19.5	11.5	6	12	1.5	8	6
33	38	55	42	48	3	65	20	2	5	9	19.5	11.5	6	12	1.5	8	6
35	40	57	44	50	3	65	20	2	5	9	19.5	11.5	6	12	1.5	8	6
38	43	60	49	56	4	75	23	2	6	9	22	14	6	12	1.5	8	6
40	45	62	51	58	4	75	23	2	6	9	22	14	6	12	1.5	8	6
43	48	65	54	61	4	75	23	2	6	9	22	14	6	12	1.5	8	6
45	50	67	56	63	4	75	23	2	6	9	22	14	6	12	1.5	8	6
48	53	70	59	66	4	85	23	2	6	9	22	14	6	12	1.5	8	6
50	55	72	62	70	4	85	25	2.5	6	9	23	15	6	12	1.5	8	6
53	58	79	65	73	4	85	25	2.5	6	9	23	15	8	12	1.9	9	8
55	60	81	67	75	4	85	25	2.5	6	9	23	15	8	12	1.9	9	8
58	63	84	70	78	4	85	25	2.5	6	9	23	15	8	15	1.9	9	8
60	65	86	72	80	4	95	25	2.5	6	9	23	15	8	15	1.9	9	8
63	68	89	75	83	4	95	25	2.5	6	9	23	15	8	14	1.9	9	8
65	70	91	77	85	4	95	25	2.5	6	9	23	15	8	15	1.9	9	8
70	75	99	83	92	4	95	28	2.5	7	9	26	18	8	15	1.9	10	8
75	80	104	88	97	4	105	28	2.5	7	9	26	18	8	15	1.9	10	8
80	85	109	95	105	4	105	28	3	7	9	26.2	18.2	8	15	1.9	10	8
85	90	114	100	110	4	105	28	3	7	9	26.2	18.2	10	18	2.3	10	8
90	95	119	105	115	4	105	28	3	7	9	26.2	18.2	10	18	2.3	10	8
95	100	124	110	120	4	105	28	3	7	9	25.2	17.2	10	18	2.3	10	8
100	105	129	115	125	4	105	28	3	7	9	25.2	17.2	10	18	2.3	10	8

LYIPPS

◆ xxxx.LYIPPS
◆ API PLAN: 11\13\14\21\31\32
◆ Operating limits:
◆ d1 =25 ... 100 mm
◆ t =-40 ... 200°C
◆ p1 =25 bar
◆ vg =16 m/s
◆ △p ≤ −7 bar
◆ Viscosity =300cp
◆ Slurry =7 wt%

◆ Combination of materials(En12756):
◆ Seal face:Q1
◆ Stationary seat:Q3;A;B
◆ O-ring: V;E;K;M5s
◆ Spring: M
◆ Construction: G;F;...





产品技术特点：
双向平衡式，单端面集装标准密封。模块化、经济型设计。带急冷结构。剖分式卡盘传动方式。安装尺寸适合现存的所有密封填料函标准。可替换急用的故障密封，并降低最终用户的库存。应用范围广，特别适应：化工泵、化工流程泵、污水泵、纸浆泵、杂质泵上使用。

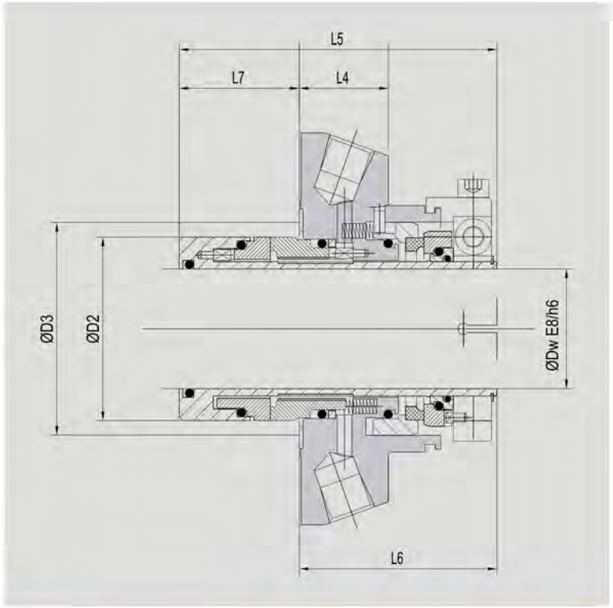
SIZE

D1	D2	D3 Min	D3 Max	L1	L2	L3	L4	L5	L6	L7	A2	Da	S	C/Q
25	42.8	44	51.5	76.5	48.4	28.1	25.4	87.5	54.4	33.1	62	105	14	NPT1/4"
28	45.8	47	52	76.5	48.4	28.1	25.4	87.5	54.4	33.1	62	105	14	NPT1/4"
30*	47.5	49	56	76.5	48.4	28.1	25.4	87.5	54.4	33.1	67	105	14	NPT1/4"
32	48.5	51	57	76.5	48.4	28.1	25.4	87.5	54.4	33.1	70	108	14	NPT1/4"
33*	50.5	51	57	76.5	48.4	28.1	25.4	87.5	54.4	33.1	70	108	14	NPT1/4"
35*	52.8	54	61.5	76.5	48.4	28.1	25.4	87.5	54.4	33.1	72	113	14	NPT1/4"
38*	55.8	57	66	77	48.9	28.1	25.4	88	54.9	33.1	75	123	14	NPT1/4"
40*	57.8	59	68	77	48.9	28.1	25.4	88	54.9	33.1	77	123	16	NPT1/4"
42	59.8	61.5	69.5	77	48.9	28.1	25.4	88	54.9	33.1	80	133	16	NPT1/4"
43*	60.8	61.5	70.5	77	48.9	28.1	25.4	88	54.9	33.1	80	133	16	NPT1/4"
45*	62.3	64	73	77	48.9	28.1	25.4	88	54.9	33.1	82	138	16	NPT1/4"
48	65.4	67	75	77	48.9	28.1	25.4	88	54.9	33.1	85	138	16	NPT1/4"
50*	67.8	69	78	77	48.9	28.1	25.4	88	54.9	33.1	87	148	16	NPT1/4"
53*	70.8	73	87	77	48.9	28.1	25.4	88	54.9	33.1	97	148	18	NPT1/4"
55*	72.8	74	83	77	48.9	28.1	25.4	88	54.9	33.1	92	148	18	NPT1/4"
60*	77.8	79	91	77	48.9	28.1	25.4	88	54.9	33.1	102	157	18	NPT1/4"
65*	82.8	85.7	98.5	77	48.9	28.1	25.4	88	54.9	33.1	109	163	18	NPT1/4"
70*	87.8	95	108	77	48.9	28.1	25.4	88	54.9	33.1	118	178	18	NPT1/4"
75*	100.6	101.6	118	92.7	61.7	31	28	110	65.9	44.1	129	190	18	NPT3/8"
80*	105.6	108	124	92.7	61.7	31	28	110	65.9	44.1	135	195	18	NPT3/8"
85	110.6	111.1	128	92.7	61.7	31	28	110	65.9	44.1	139	198	22	NPT3/8"
90	115.6	117.5	135	92.7	61.7	31	28	110	65.9	44.1	145	205	22	NPT3/8"
95	120.6	120.7	138	92.7	61.7	31	28	110	65.9	44.1	148	208	22	NPT3/8"
100	124.6	127	144	92.7	61.7	31	28	110	65.9	44.1	154	218	22	NPT3/8"

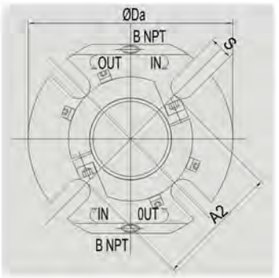
LYIPPS-D

◆ xxxx.LYIPPS-D
◆ API PLAN:52\53\54
◆ Operating limits:
◆ d1 =25 ... 100 mm
◆ t =-40 ... 200°C
◆ p1 =25 bar
◆ vg =16 m/s
◆ △p ≤ −7 bar
◆ Viscosity =500cp
◆ Slurry Content=7wt%

◆ Combination of materials(En12756):
◆ Seal face:Q1;U2
◆ Stationary seat:Q3;A;B
◆ O-ring: V;E;K;M5s
◆ Spring: M
◆ Construction: G;F;...



产品技术特点：
双向平衡式，双端面集装标准密封。模块化、经济型设计。剖分式卡盘传动方式。安装尺寸适合现存的所有密封填料函标准。可替换急用的故障密封，并降低最终用户的库存。应用范围广，特别适应：化工泵、化工流程泵、污水泵、纸浆泵、杂质泵上使用。



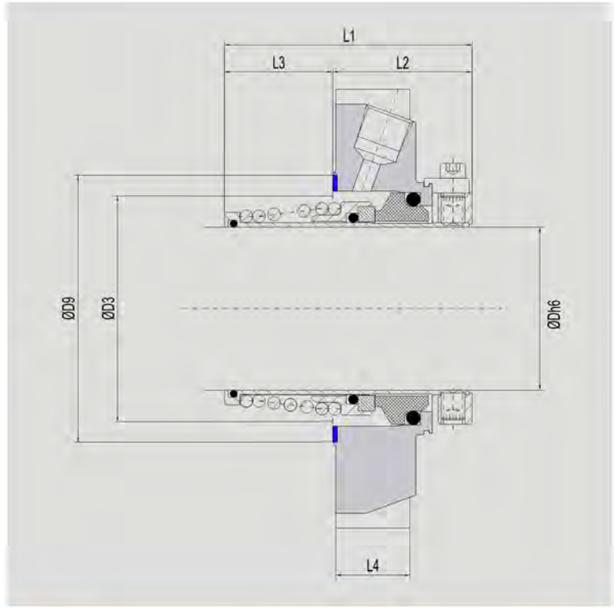
SIZE

Dw	D2	D3 Min	D3 Max	L1	L2	L3	L4	L5	L6	L7	A2	Da	S	C/Q
25	42.8	44	51.5	76.5	48.4	28.1	25.4	87.5	54.4	33.1	62	105	14	NPT1/4"
28	45.8	47	52	76.5	48.4	28.1	25.4	87.5	54.4	33.1	62	105	14	NPT1/4"
30	47.5	49	56	76.5	48.4	28.1	25.4	87.5	54.4	33.1	67	105	14	NPT1/4"
32	48.5	51	57	76.5	48.4	28.1	25.4	87.5	54.4	33.1	70	108	14	NPT1/4"
33	50.5	51	57	76.5	48.4	28.1	25.4	87.5	54.4	33.1	70	108	14	NPT1/4"
35	52.8	54	61.5	76.5	48.4	28.1	25.4	87.5	54.4	33.1	72	113	14	NPT1/4"
38	55.8	57	66	77	48.9	28.1	25.4	88	54.9	33.1	75	123	14	NPT1/4"
40	57.8	59	68	77	48.9	28.1	25.4	88	54.9	33.1	77	123	16	NPT1/4"
42	59.8	61.5	69.5	77	48.9	28.1	25.4	88	54.9	33.1	80	133	16	NPT1/4"
43	60.8	61.5	70.5	77	48.9	28.1	25.4	88	54.9	33.1	80	133	16	NPT1/4"
45	62.3	64	73	77	48.9	28.1	25.4	88	54.9	33.1	82	138	16	NPT1/4"
48	65.4	67	75	77	48.9	28.1	25.4	88	54.9	33.1	85	138	16	NPT1/4"
50	67.8	69	78	77	48.9	28.1	25.4	88	54.9	33.1	87	148	16	NPT1/4"
53	70.8	73	87	77	48.9	28.1	25.4	88	54.9	33.1	97	148	18	NPT1/4"
55	72.8	74	83	77	48.9	28.1	25.4	88	54.9	33.1	92	148	18	NPT1/4"
60	77.8	79	91	77	48.9	28.1	25.4	88	54.9	33.1	102	157	18	NPT1/4"
65	82.8	85.7	98.5	77	48.9	28.1	25.4	88	54.9	33.1	109	163	18	NPT1/4"
70	87.8	95	108	77	48.9	28.1	25.4	88	54.9	33.1	118	178	18	NPT1/4"
75	100.6	101.6	118	92.7	61.7	31	28	110	65.9	44.1	129	190	18	NPT3/8"
80	105.6	108	124	92.7	61.7	31	28	110	65.9	44.1	135	195	18	NPT3/8"
85	110.6	111.1	128	92.7	61.7	31	28	110	65.9	44.1	139	198	22	NPT3/8"
90	115.6	117.5	135	92.7	61.7	31	28	110	65.9	44.1	145	205	22	NPT3/8"
95	120.6	120.7	138	92.7	61.7	31	28	110	65.9	44.1	148	208	22	NPT3/8"
100	124.6	127	144	92.7	61.7	31	28	110	65.9	44.1	154	218	22	NPT3/8"

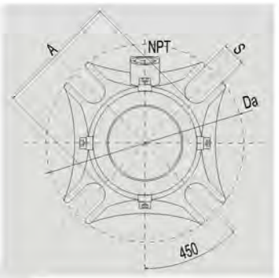
LYUPPS

◆ xxxx.LYUPPS
◆ Single Seal
◆ Unbalanced
◆ Operating limits:
◆ d1 =25~75 mm,1.000"~2.625"
◆ t =-20 ... 180°C
◆ p1 =16 bar
◆ Vg =10 m/s
◆ solid contained ≤7 Wt%
◆ Viscosityto 300 cP

◆ Combination of materials (En12756):
◆ Seal face:Q12;U22
◆ Stationary seat:A;B
◆ O-ring: V; E; K; M5s
◆ Spring: G
◆ Construction: G; F;



产品技术特点：
非平衡式，单弹簧单端面集装标准密封。模块化、经济型设计。剖分式卡盘传动方式。安装尺寸适合现存的所有密封填料函标准。可替换急用的故障密封，并降低最终用户的库存。应用范围广，特别适应：水泵、化工泵、化工流程泵、污水泵上使用。



SIZE

Size (mm)	D	D3 Min	D3 Max	D9	Da	A	S	L1	L2	L3	L4	NPT
25*	25	41.5	51.5	60	105	62	13.2	65.5	41	24.5	23	1/4"
28*	28	44.5	52	60	105	62	13.2	68	41.5	26.5	23	1/4"
30*	30	45.5	56	63	105	67	13.2	68	41.5	26.5	23	1/4"
33*	33	48	57	65	110	67	13.2	69.5	42	27.5	23	1/4"
35*	35	50.8	61.5	68	107	70	13.2	72.5	44	28.5	26	1/4"
38	38	54.5	66	73	123	75	14.7	72.5	44	28.5	26	1/4"
40*	40	57.5	68	75	123	77	14.7	75.5	44.5	31	26	1/4"
43*	43	59.5	70.5	78	133	80	14.7	76.5	44.5	32	26	1/4"
45*	45	63	73	79	130	82	14.7	76.5	44.5	32	26	1/4"
48	48	65	75	82	130	84	14.7	78	45	33	26	1/4"
50*	50	68	78	85	148	87	14.7	80.5	47	33.5	28	3/8"
53*	53	70	87	95	148	97	17.5	81.5	47	34.5	28	3/8"
55*	55	73	83	90	148	92	17.5	83.5	47	36.5	28	3/8"
60*	60	79	91	100	157	102	17.5	85.5	47	38.5	28	3/8"
65*	65	85.7	98.5	108	162	110	17.5	89	49.5	39.5	28	3/8"
70*	70	94	108	116	178	118	17.5	93	49.5	43.5	28	3/8"
75*	75	98.4	118	125	190	127	17.5	94.5	50	44.5	28	3/8"
Size (inches)	**D**	**D3 Min**	**D3 Max**	**D9**	**Da**	**A**	**S**	**L1**	**L2**	**L3**	**L4**	**NPT**
1	25.4	1.634	2.000	2.362	4.134	2.440	0.520	2.579	1.614	0.965	0.906	1/4"
1.125	28.575	1.750	2.050	2.362	4.134	2.441	0.520	2.677	1.634	1.043	0.906	1/4"
1.25	31.75	1.890	2.250	2.559	4.331	2.638	0.520	2.737	1.654	1.083	0.906	1/4"
1.375	34.925	2.000	2.420	2.677	4.213	2.756	0.520	2.854	1.732	1.122	1.024	1/4"
1.5	38.1	2.146	2.625	2.874	4.843	2.950	0.579	2.854	1.732	1.122	1.024	1/4"
1.75	44.45	2.480	2.812	3.110	5.118	3.230	0.559	3.012	1.752	1.260	1.024	1/4"
1.875	47.625	2.559	2.940	3.228	5.118	3.307	0.559	3.071	1.772	1.299	1.024	1/4"
2	50.8	2.677	3.190	3.346	5.827	3.430	0.579	3.169	1.850	1.319	1.102	3/8"
2.125	53.975	2.875	3.437	3.740	5.512	3.820	0.689	3.287	1.850	1.437	1.102	3/8"
2.25	57.15	2.992	3.560	3.780	6.181	3.858	0.689	3.287	1.850	1.437	1.102	3/8"
2.375	60.325	3.110	3.590	3.937	6.181	4.020	0.689	3.366	1.850	1.516	1.102	3/8"
2.5	63.5	3.287	3.800	4.173	6.693	4.252	0.689	3.456	1.909	1.555	1.102	3/8"
2.625	66.675	3.374	3.937	4.252	6.378	4.331	0.689	3.456	1.909	1.555	1.102	3/8"

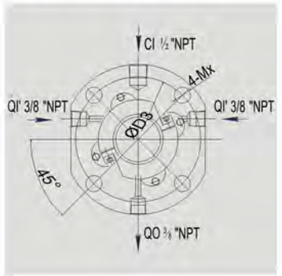
LYAPPS

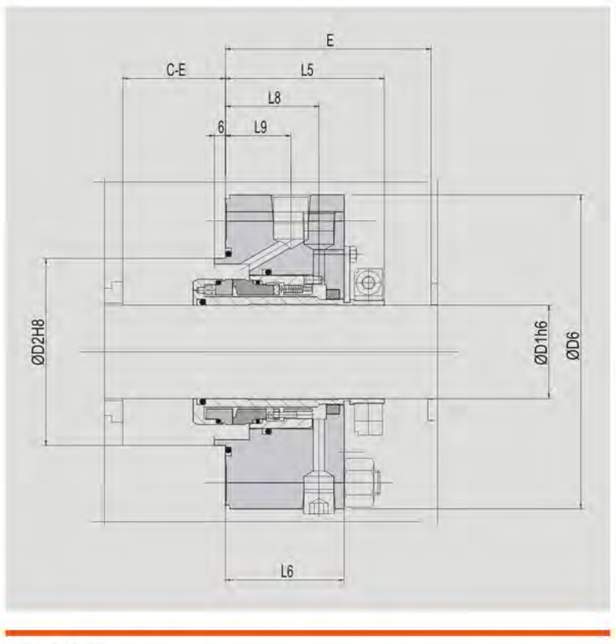
Operating limits:
- ◆ d1 =20 ... 110 mm
- ◆ t =-40 ... 200℃
- ◆ p1 =45 bar
- ◆ vg =23 m/s
- ◆ △p ≤7 bar
- ◆ Axial movement max.± 3mm

Materials of construction:
- ◆ EN12756;GB6556
- ◆ Seal face:Q3,U2,A,B
- ◆ Rotating seat:Q1,U2
- ◆ O-ring:V, E, K
- ◆ Matal components:G...
- ◆ Spring:M
- ◆ Solid contain:7~15 wt%

- ◆ Sealing Systems
- ◆ According to
- ◆ API 610 th10
- ◆ API 682\ISO 21049
- ◆ API plan 11\13\14\21\31\32

- ◆ NPT\Rp\G
- ◆ Pipe Threads Adaptable





产品技术特点：
API682标准。双向平衡，单端面集装式密封。模块化、经济型设计。带急冷的结构。剖分式卡盘传动方式。安装尺寸完全符合API610th10版泵密封腔标准。适应：API610th10版泵上使用。

SIZE

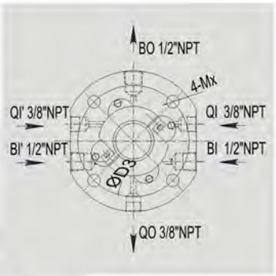
D1	D2	D3	Mx	D6	E	C-E	L5	L8	L9	L6
20	70	105	M12	138	100	50	77	46.9	35	59
30	80	115	M12	148	100	55	77	46	35	59
40	90	125	M12	158	100	60	80	46	35	59
50	100	140	M16	168	110	55	85	50	35	63.5
60	120	160	M16	188	110	60	85	50	35	63.5
70	130	170	M16	198	110	65	88	49	35	63.5
80	140	180	M16	208	110	70	88	49	35	63.5
90	160	205	M20	238	120	65	88	50	35	63.5
100	170	215	M20	248	120	70	88	47.5	35	63.5
110	180	225	M20	258	120	75	88	47.5	35	63.5

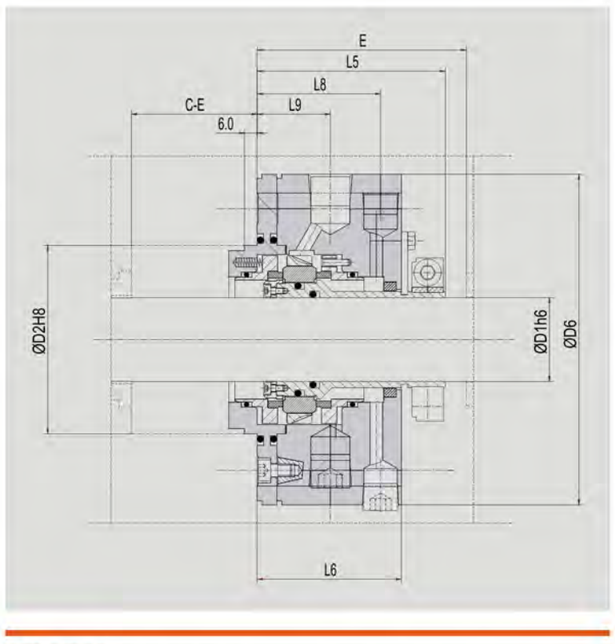
LYAPPS-D

Operating limits:
- ◆ d1 =20 ... 110 mm
- ◆ t =-40 ... 200℃
- ◆ p1 =45 bar
- ◆ vg =23 m/s
- ◆ △p ≤7 bar
- ◆ Axial movement max.± 3mm

Materials of construction:
- ◆ EN12756;GB6556
- ◆ Seal face: Q3,U2,A,B
- ◆ Rotating seat:Q1,U2
- ◆ O-ring:V, E, K
- ◆ Matal components:G...
- ◆ Spring:M
- ◆ Solid contain:7~15 wt%

- ◆ Combination of materials(En12756):
- ◆ Seal face:Q1
- ◆ Stationary seat:A;B
- ◆ O-ring: V;E;K;M5s
- ◆ Spring: M
- ◆ Construction: G;F





产品技术特点：
API682标准。双向平衡，双端面集装式密封。模块化、经济型设计。带密封液强制循环的结构。剖分式卡盘传动方式。安装尺寸完全符合API610th10版泵密封腔标准。适应：API610th10版泵上使用。

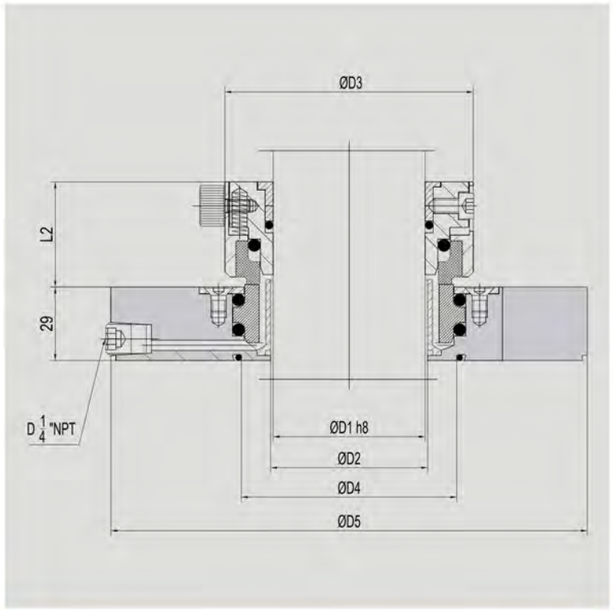
SIZE

D1	D2	D3	Mx	D6	E	C-E	L5	L8	L9	L6
20	70	105	M12	138	100	50	90	60	35	72
30	80	115	M12	148	100	55	90	60	35	72
40	90	125	M12	158	100	60	90	59	35	69
50	100	140	M16	168	110	55	100	64.5	35	78.5
60	120	160	M16	188	110	60	100	65.5	35	78.5
70	130	170	M16	198	110	65	100	62	35	75.5
80	140	180	M16	208	110	70	100	61.5	35	75.5
90	160	205	M20	238	120	65	105	66	35	80.5
100	170	215	M20	248	120	70	105	64.5	35	80.5
110	180	225	M20	258	120	75	105	64.5	35	80.5

LYA-Mix

Performance Capabilities:
- ◆ d1 = 25 ... 160 mm
- ◆ p1 = vacuum ... 6 bar
- ◆ t1 = -20 ... +200 °C
- ◆ Vg= 2 m/s

- ◆ Combination of materials(En12756):
- ◆ Seal face:B
- ◆ Stationary seat:Q1
- ◆ O-ring: V;E;K;M5s
- ◆ Spring: M
- ◆ Construction: G;F;E



产品设计特点：
单端面、外装式平衡型干运转搅拌釜用密封。无旋向要求。密封具备予装功能，无需调节轴向尺寸。密封面在正、负压下均能自动调节，保证贴合。密封法兰带防污、排污功能。

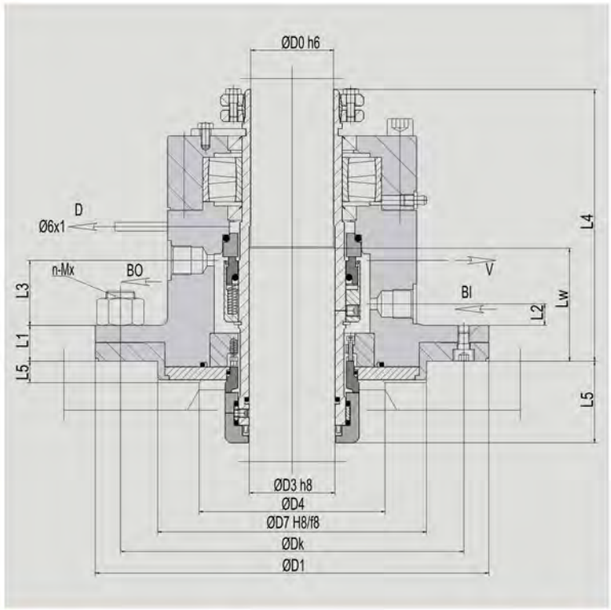
SIZE

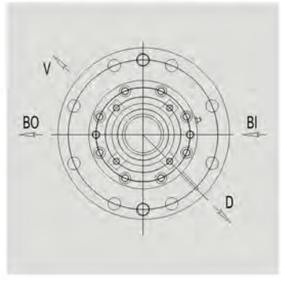
D1	D2	D3	D4	D5	L2	A1 min	A1 max	S
25	34	68		148	41.5	100	132	11
28	34	68	55	148	41.5	100	132	11
30	34	68	55	148	41.5	100	132	11
32	39	73	60	153	41.5	105	137	11
35	39	73	60	153	41.5	105	137	11
38	44	78	65	158	41.5	110	142	11
40*	44	78	65	158	41.5	110	142	11
45	49	83	68	163	41.5	120	152	11
48	54	88	73	178	41.5	125	160	14
50*	54	88	73	178	41.5	125	160	14
55	59	93	78	183	41.5	130	165	14
60*	64	98	85	188	41.5	135	170	14
65	69	103	90	193	44.5	140	175	14
70	74	108	95	198	44.5	145	180	14
75	79	113	100	203	44.5	150	185	14
80*	84	118	105	208	44.5	155	190	14
85	89	123	110	213	44.5	160	195	14
90*	94	128	115	218	44.5	165	200	14
95*	99	133	120	223	44.5	170	205	14
100*	104	138	125	228	44.5	175	210	14
105	109	143	130	233	44.5	180	215	14
110	114	148	135	238	44.5	185	220	14
115	119	153	140	267	44.5	196	243	18
125*	129	163	150	277	44.5	206	253	18
140*	144	178	165	297	44.5	221	273	18
160*	164	198	185	317	44.5	241	293	18

LYA810-BD

Performance Capabilities:
- ◆ d1 = 40...220 mm
- ◆ p1 = Vacuum to 16 bar
- ◆ Seal Pressure = Max 24 bar
- ◆ t = -40...+ 200 ℃
- ◆ Vg = ...10 m/s

- ◆ Combination of materials(En12756):
- ◆ Seal face:Q1
- ◆ Stationary seat:Q3;A;B;U2
- ◆ O-ring: V;E;K;M5s
- ◆ Spring: M
- ◆ Construction: M;G1;G6;G;F;E





产品技术特点：
双向平衡型搅拌釜用集装式密封。特别适合底、侧部驱动方式。无旋向要求。带排污、排气功能。模块化经济型设计。联接法兰符合DIN标准。双向平衡设计适应：API PLAN 52\53\54密封系统模式。

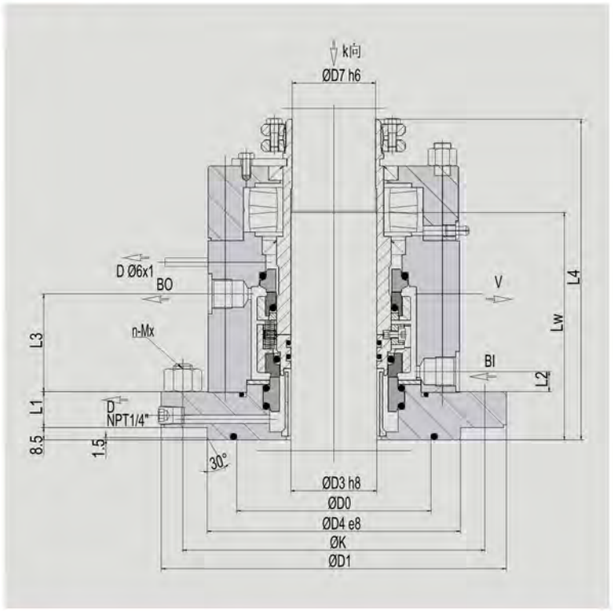
SIZE

D3	D0	D1	D7	D4	K	L1	L2	L3	Lw	L4	L5	n-Mx	B,V
40	38	175	110	110	145	25	15	38		144	57	4-M16	G3/8"
50	48	240	176	120	210	25	15	40		167	57	8-M16	G3/8"
60	58	275	204	130	240	25	15	45		190	57	8-M20	G3/8"
80	78	305	234	155	270	30	17	51		221	59	8-M20	G1/2"
100	98	395	313	175	350	30	17	53		246	59	12-M20	G1/2"
125	120	505	422	210	460	30	17	53		257	59	8-M20	G1/2"
140	135	505	422	230	460	30	17	80		297	63	8-M20	G1/2"
160	150	505	422	255	460	30	17	80		308	63	8-M20	G1/2"
180	170	505	422	280	460	30	17	84		320	63	8-M24	G1/2"
200	190	635	475	300	550	30	17	84		327	63	8-M24	G1/2"
220	210	635	475	320	550	30	17	84		352	63	8-M24	G1/2"

LYA771-BD22

Performance Capabilities:
- ◆ d1 = 40 ...220 mm
- ◆ p1 = vacuum ... 16 bar
- ◆ t1 = -40 ... +200 °C
- ◆ Vg = 5 m/s

- ◆ Combination of materials(En12756):
- ◆ Seal face:B;A
- ◆ Stationary seat:Q1
- ◆ O-ring: V;E;K;M5s
- ◆ Spring: M
- ◆ Construction: G;F;E



产品技术特点：
非平衡型集装式反应釜密封。无旋向要求。介质端为防负压式结构。带泄漏保护、排污、排气功能。模块化经济型设计。联接法兰符合DIN标准。

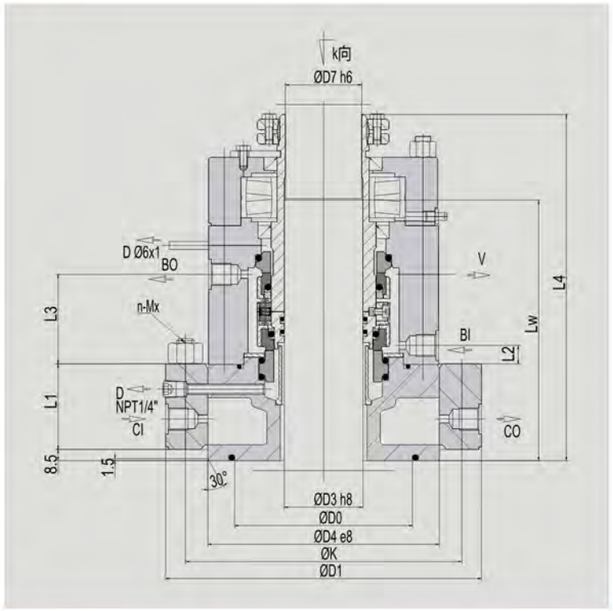
SIZE

D3	D7	D1	D4	D0	K	Lw	L1	L2	L3	L4	n-Mx	B,V
40	38	175	110	90	145	143	25	14	63	215	4-M16	G 3/8"
50	48	240	176	135	210	148	25	14	63	219	8-M16	G 3/8"
60	58	240	176	135	210	158	25	14	68	223	8-M16	G 3/8"
80	78	275	204	155	240	168	25	17	71	245	8-M20	G 1/2"
100	98	305	234	190	270	178	25	17	75	259	8-M20	G 1/2"
125	120	330	260	215	295	203	25	17	77	275	8-M20	G 1/2"
140	135	395	313	250	350	208	25	17	86	293	12-M20	G 1/2"
160	150	395	313	265	350	213	25	17	88	301	12-M20	G 1/2"
180	170	445	364	310	400	233	25	20	87	313	12-M20	G 1/2"
200	190	445	364	310	400	243	25	20	89	320	12-M20	G 1/2"
220	210	505	422	340	460	263	25	20	95	345	16-M20	G 1/2"

LYA771-BD24

Performance Capabilities:
- ◆ d1 = 40 ...220 mm
- ◆ p1 = vacuum ... 16 bar
- ◆ t1 = -40 ... +350 °C
- ◆ Vg = 5 m/s

- ◆ Combination of materials(En12756):
- ◆ Seal face:B;A
- ◆ Stationary seat:Q1
- ◆ O-ring: V;E;K;M5s
- ◆ Spring: M
- ◆ Construction: G;F;E



产品技术特点：
非平衡型集装式反应釜密封。无旋向要求。介质端为防负压式结构。带泄漏保护、排污、排气功能。模块化经济型设计。带水冷却腔的联接法兰，法兰符合DIN标准。

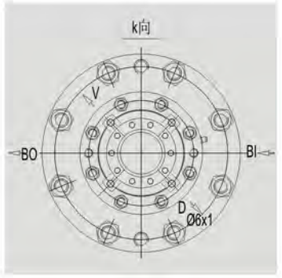
SIZE

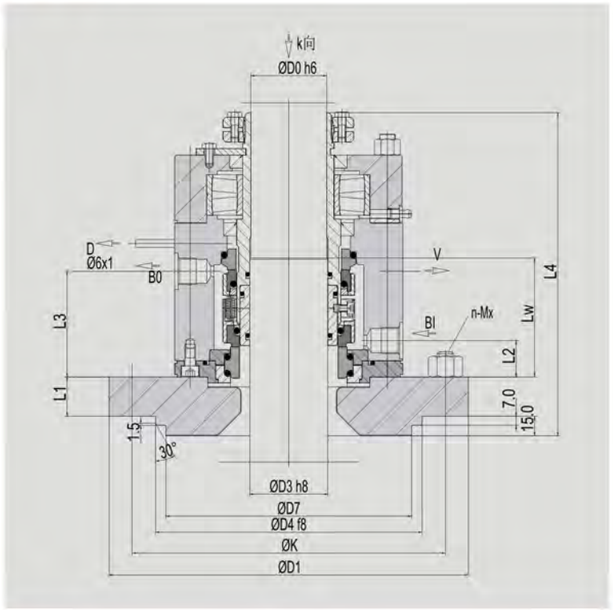
D3	D7	D1	D4	D0	K	Lw	L1	L2	L3	L4	n-Mx	B,C,V
40	38	175	110	90	145	183	56	14	63	255	4-M16	G 3/8"
50	48	240	176	135	210	188	56	14	63	259	8-M16	G 3/8"
60	58	240	176	135	210	198	56	14	68	263	8-M16	G 3/8"
80	78	275	204	155	240	216	56	17	71	293	8-M20	G 1/2"
100	98	305	234	190	270	226	56	17	75	307	8-M20	G 1/2"
125	120	330	260	215	295	251	56	17	77	323	8-M20	G 1/2"
140	135	395	313	250	350	256	56	17	86	341	12-M20	G 1/2"
160	150	395	313	265	350	261	56	17	88	349	12-M20	G 1/2"
180	170	445	364	310	400	281	56	20	87	361	12-M20	G 1/2"
200	190	445	364	310	400	291	56	20	89	368	12-M20	G 1/2"
220	210	505	422	340	460	311	56	20	95	393	16-M20	G 1/2"

LYA761-BD20

Performance Capabilties:
- ◆ d1 = 40 ...160... mm
- ◆ p1 = vacuum ... 16 bar
- ◆ t1 = -30 ... +200 °C -
- ◆ Vg = 5 m/s

- ◆ Combination of materials(En12756):
- ◆ Seal face:B;A
- ◆ Stationary seat:Q1
- ◆ O-ring: V;E;K;M5s
- ◆ Spring: M
- ◆ Construction: G;F;E





产品技术特点：
非平衡型集装式搪玻璃搅拌釜用密封。无旋向要求。介质端为防负压式结构。带排污、排气功能。模块化经济型设计。联接法兰符合DIN标准。

SIZE

D3	D0	flange	D1	D4	D7	K	L1	L2	L3	Lw	L4	n-Mx	B,V
40	38	E125	175	110	102	145	25	14	63		183	4-M16	G3/8"
50	48	E200	240	176	138	210	25	14	63		194	8-M16	G3/8"
60	58	E250	275	204	188	240	25	14	68		198	8-M20	G3/8"
80	78	E300	305	234	212	270	30	17	71		225	8-M20	G1/2"
100	98	E400	395	313	268	350	30	17	75		238	12-M20	G1/2"
100	98	E500	395	313	268	350	30	17	77		238	12-M20	G1/2"
125	120	E700	505	422	306	460	30	17	86		255	4-M20	G1/2"
140	135	E700	505	422	306	460	30	17	88		273	4-M20	G1/2"
160	150	E700	505	422	306	460	30	20	87		281	4-M20	G1/2"
160	150	E900	505	422	306	460	30	20	89		281	4-M20	G1/2"
160	150	E901	565	474	356	515	30	20	95		281	4-M24	G1/2"

SPS2030

- ◆ 容量Volume (liters): 12
- ◆ 压力Pressure (bar): 30
- ◆ 温度Temperature (℃): +200
- ◆ 材料Material: 316/304

- ◆ SPS2030/A01: 螺纹联接 Thread
- ◆ SPS2030/A03: 法兰联接 Flange
- ◆ SPS2030/A03-H: 法兰/漏斗 (Flange/Hopper)

SPS5020

- ◆ 容量Volume (liters): 11
- ◆ 压力Pressure (bar): 20
- ◆ 温度Temperature (℃): +200
- ◆ 材料Material: 316/304

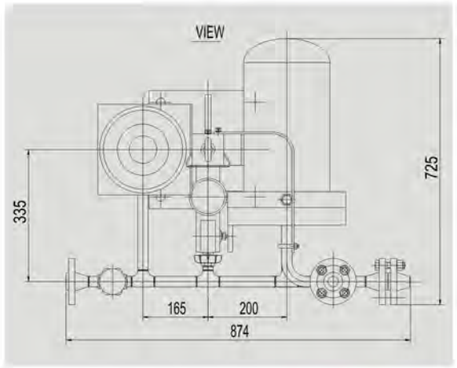
- ◆ SPS5020/A01: 螺纹联接 Thread
- ◆ SPS5020/A03: 法兰联接 Flange
- ◆ SPS5020/A03-H: 法兰/漏斗 (Flange/Hopper)

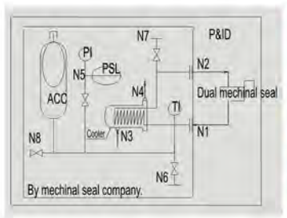
SPS6042

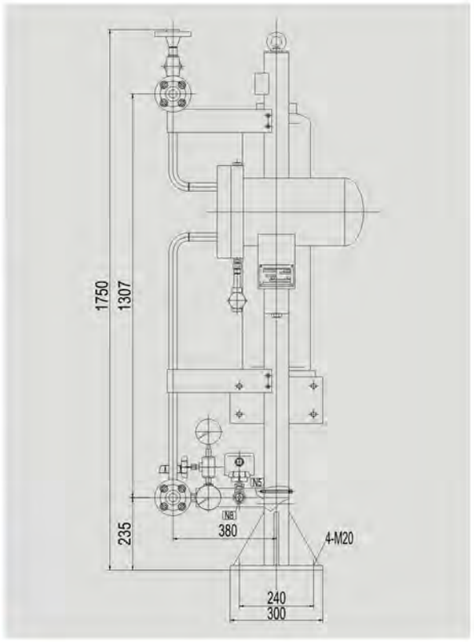
- ◆ 容量Volume (liters): 20
- ◆ 压力Pressure (bar): 42
- ◆ 温度Temperature (℃): +200
- ◆ 材料Material: 316/304

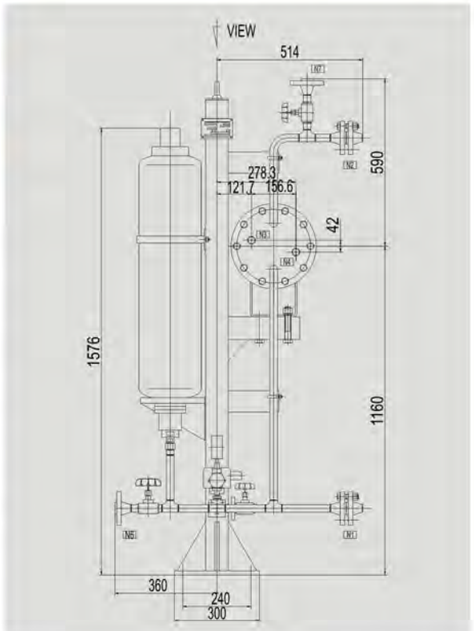
- ◆ SPS6042/A01: 螺纹联接 Thread
- ◆ SPS6042/A03: 法兰联接 Flange
- ◆ SPS6042/A03-H: 法兰/漏斗 (Flange/Hopper)

A-HEC-53B







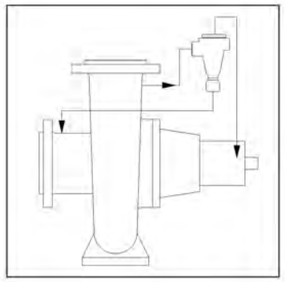


技术参数

SPECIFICATION	DESCRIPTION
3/4"600 LB RF	隔离液进口
3/4"600 LB RF	隔离液出口
3/4"RC	冷却水进口
3/4"RC	冷却水出口
	压力开关按口
3/4"600 LB RF	排液口
3/4"600 LB RF	排气口
1/2"NPT	补液口
API PLAN	**53B**
设计标准	GB 150-1998
设计压力	8.5 Mpag (不含仪表、冷却水系统)
设计温度	-20~+100°C (隔离液系统)
腐蚀余量	
接头焊接系数	0.85
测试压力	10.2 Mpag(常温)

CPS100/A01

- ◆ 压 力Pressure (bar): 64
- ◆ 温 度Temperature (℃): +200
- ◆ 接 口Connection：NPT 1/2"; G 1/2"
- ◆ 材 料Material: 316
- ◆ 螺 纹 联 接Thread



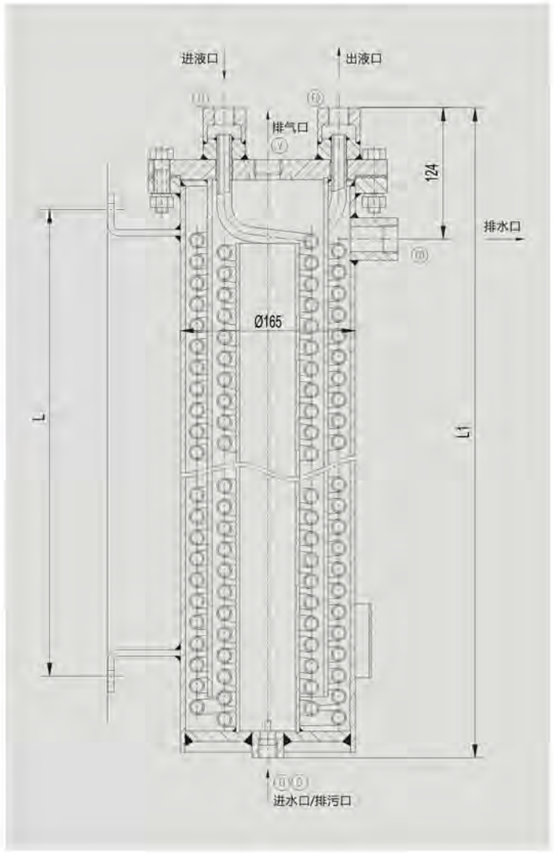
FIT100/A01

- ◆ 过 滤Filter mesh: 100μm
- ◆ 压 力Pressure (bar): 64
- ◆ 温 度Temperature (℃): +150
- ◆ 接 口Connection：NPT 1/2"; G 1/2"
- ◆ 材 料Material: 316
- ◆ 螺 纹 联 接Thread

SHEC

技术参数

项 目	壳 程	管 程
设计压力	1.1Mpa	7.04MPa
最高工作压力	1Mpa	6.4MPa
设计温度	150°C	300 °C
最高工作温度	<100°C	<250°C
工作介质	水	
换热面积	0.4m²\0.6m²\0.8 m²	
焊缝系数	0.85	0.85
主体材料		316
腐蚀裕量	1.0mm	0mm
计算壁厚	3mm	1mm
平底封头计算壁厚	7.98mm	
水压实验	1.38Mpa	8.75Mpa



管接口

符号	公称尺寸	连接尺寸标准	连接面型式	用途或名称
C1	NPT 1"	GB/T12716-2002	螺纹	进水口
C0	NPT 1"	GB/T12716-2002	螺纹	排水口
F1	NPT 1/2"	GB/T12716-2002	螺纹	进液口
F0	NPT 1/2"	GB/T12716-2002	螺纹	出液口
D	NPT 1"	GB/T12716-2002	螺纹	排污口

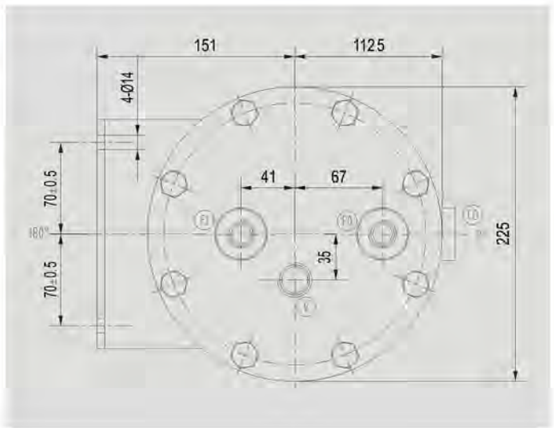


Table of Materials

Item	Code EN 12756	Description
Item 1、2 Face	A	浸锑碳石墨\Carbon graphite,antimony impreg.
	B	浸树脂石墨\Carbon graphite,resin impreg.
	B3	食品级浸树脂石墨\Carbon graphite,resin impreg.
	B5	树脂碳\Carbon resin bonded
	C	浸锑人造石墨\Electrographite,antimony impreg.
	E	铬钢\Cr-steel
	S	特殊铬钼铸钢\Cast CrMo-Steel
	U1	钴基硬质合金\Tungten Carbide,Co-binder
	U2	镍基硬质合金\Tungten Carbide,Ni-binder
	U22	镍基硬质合金，镶装结构Tungten Carbide,Ni-binder
	U3	镍铬钼基硬质合金\Tungten Carbide,NiCoMo-binder
	Q1	S-SiC, 无压烧结碳化硅
	Q12	S-SiC, 无压烧结碳化硅，镶装结构
	Q2	SiC-Si, 反应烧结碳化硅
	Q22	SiC-Si, 反应烧结碳化硅，镶装结构
	Q3	SiC-C-Si, 加碳反应烧结碳化硅
	Q32	SiC-C-Si, 加碳碳化硅，镶装结构
	Q6	SiC-C-SiC, 加碳无压烧结碳化硅
	Q4	C-SiC, 硅化石墨
	Q19	SIC, DLC-Coated, 金钢石镀膜碳化硅
	V	>99%氧化铝陶瓷\Al-Oxide
	V2	>95%氧化铝陶瓷\Al-Oxide
	Y1	PTFE, glassfibre reinforced\填充玻璃纤维
	Y2	PTFE, carbon reinforced\填充碳纤维
Item 3 Secondary seal parts	B	丁基橡胶\Butly rubber
	E	乙丙橡胶\EPDM
	K	全氟化橡胶\FFKM
	N	氯丁橡胶\Chloroprene rubber
	P	丁腈橡胶\NBR
	S	硅橡胶\Sillicone rubber
	V	氟橡胶\FKM
	X	氢化丁腈橡胶\HNBR
	X	半氟化乙丙橡胶\FEPM
	M5s	Teflon-FEP,wrapped sillicone rubber\包覆硅胶圈
	U1=K/M5	全氟化橡胶 FFKM/ Teflon-FEP 包覆O形圈
	G	膨胀石墨\Pure graphite
	T	PTFE
	T2	PTFE,glassfibre reinforced\填充玻璃纤维
	T3	PTFE,carbon reinforced\填充碳纤维
	Y1	无石棉垫板\Static seal,non-asbestos
Item 4 Spring	G	316Ti
	M	Hast.C4 哈氏C
Item 5 Constrction	D	碳钢\C-steel
	E	铬钢\Cr-steel
	F	不锈钢(如:304)
	F3	304L
	G	不锈钢 (如:316\316Ti)
	G1	双相钢 (如:1.4462/S31803)
	G3	904L
	G6	316L
	M	Hast.C4 哈氏C
	M1	Hast.B2 哈氏B
	M5	Hast.C-276
	M6	Incon. 718
	T2	纯钛\Pure titanium
	T4	Carpenter 42