NingBo ABEX Seal Technology Co.,Ltd

2026

CONTENTS

Cartridge seals

Metal Bellow Seals

Mixer and Agitator Seals

Split Seals

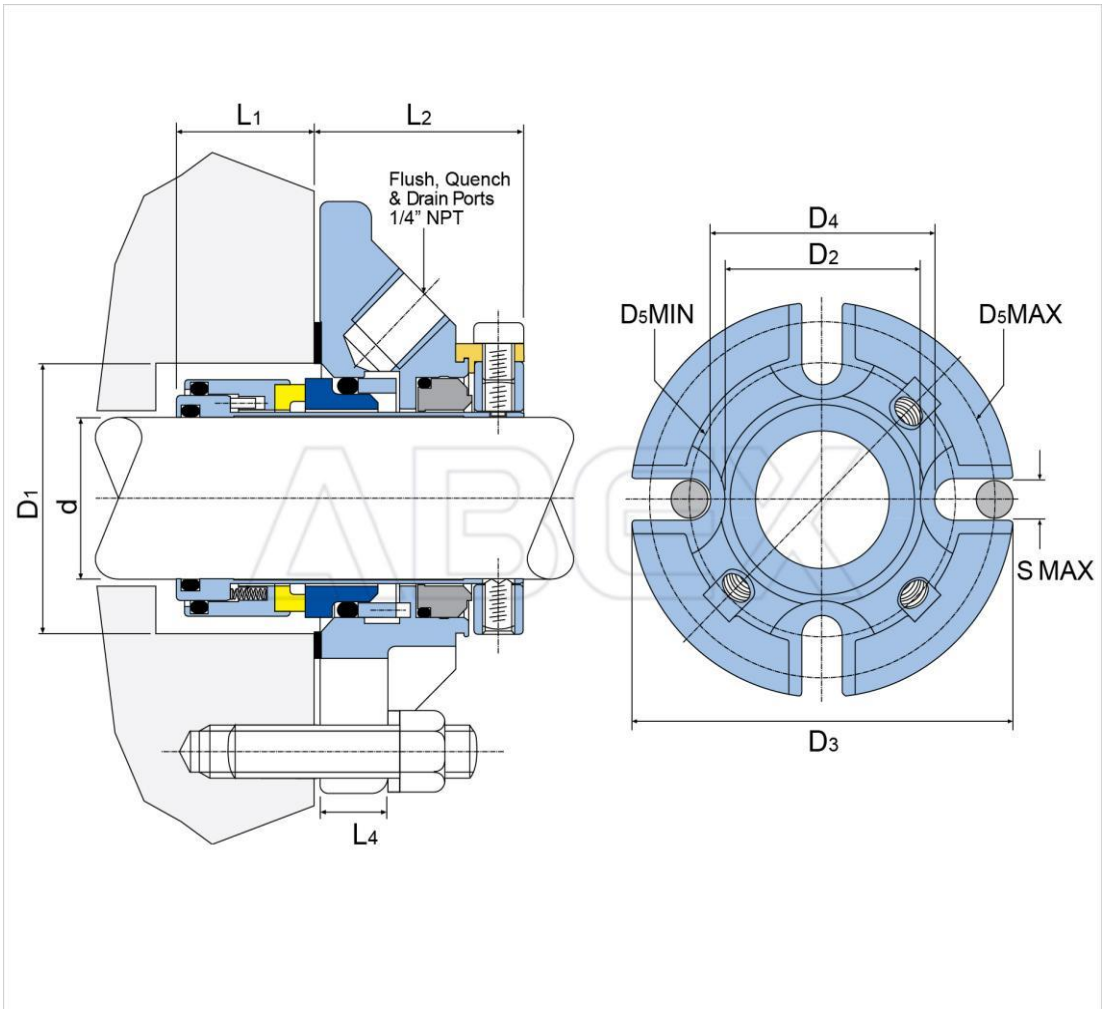
Dry Gas Seals 137

Seal Supply System

Cartridge seals

BXCS-A01(CURC)

Type:	Single Cartridge Seal
Replacement:	AES CURC
Temperature:	-20℃ to +210℃
Pressure:	≤2.5Mpa
Speed:	≤15m/s
Material:	A,Q1,V1,U2,E,V,Alfas,Karle,F,G,M

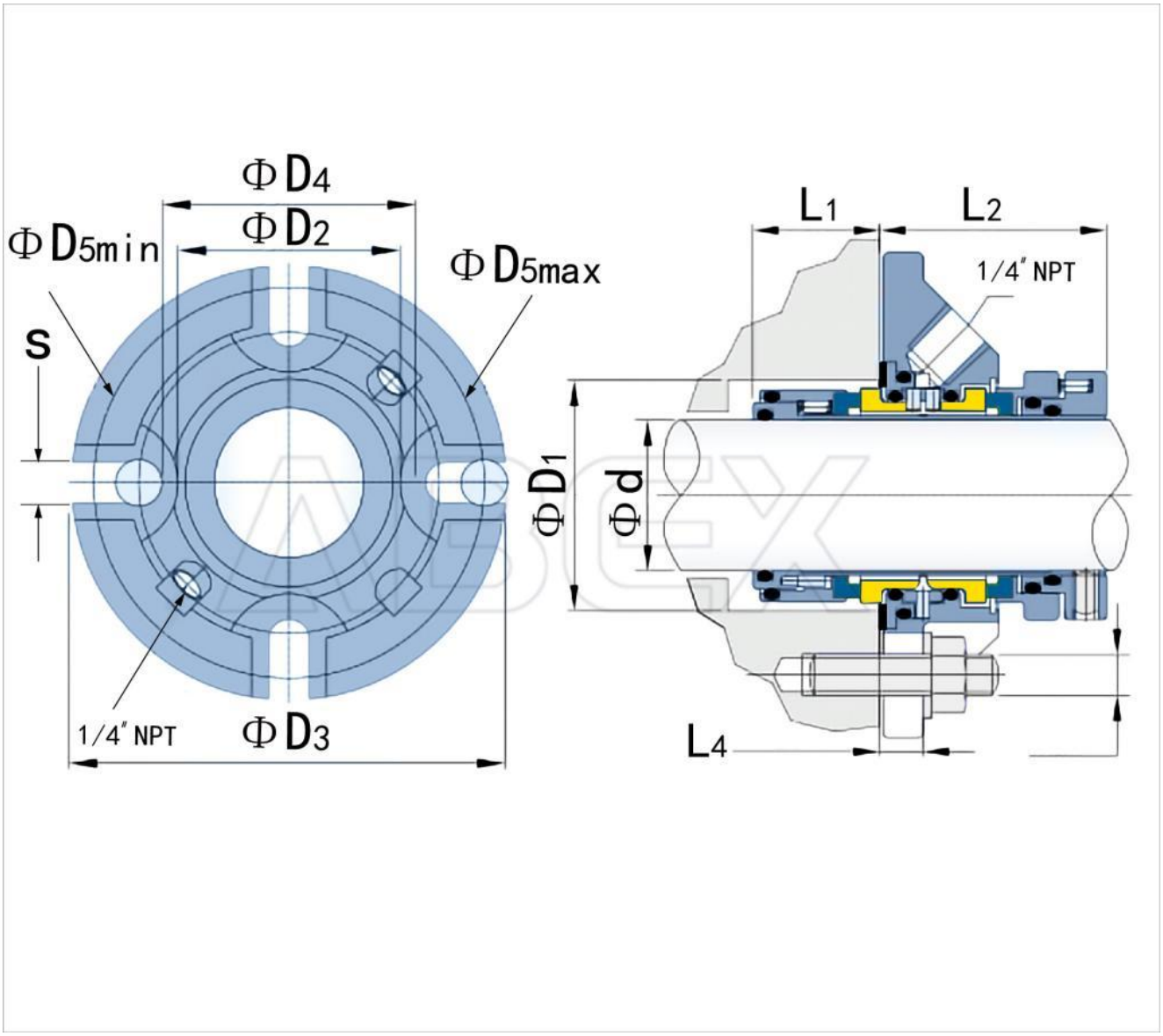


d	D1		D2	D3	D4	D5		L1	L2	L4	S
mm	min	max				min	max				
24	40	46	49.2	104.8	54	67	90.5	28.6	40.5	13.2	12
25	41	49	49.2	104.8	54	67	90.5	28.6	40.5	13.2	12
28	44	52.3	52.4	108	57	70.3	93.6	28.6	40.5	13.2	12
30	46	55.5	55.6	111	60.4	73.5	96.8	28.6	40.5	13.2	12
32	48	55.5	55.6	111	60.4	73.5	96.8	28.6	40.5	13.2	12
33	49	55.5	55.6	111	60.4	73.5	96.8	28.6	40.5	13.2	12
35	51	57.5	58.8	111	63.5	76.6	96.8	28.6	40.5	13.2	12
38	57.2	60.4	65	127	71.5	85.7	114.3	28.6	44.5	16.4	12
40	58	60.4	65	127	71.5	85.7	114.3	28.6	44.5	16.4	12
43	61	69.9	71.4	139.7	81	95.3	127	28.6	44.5	16.4	12
45	63.5	69.9	71.4	139.7	81	95.3	127	28.6	44.5	16.4	12
48	66.7	73	71.4	139.7	81	95.3	127	28.6	44.5	16.4	12
50	68	76.2	77.8	152.4	90.5	104.8	139.7	28.6	44.5	16.4	12
53	71	76.2	77.8	152.4	90.5	104.8	139.7	28.6	44.5	16.4	12
55	74	82.5	84.1	165.1	96.8	114.3	149.2	28.6	44.5	16.4	16
58	76.2	82.6	84.1	165.1	96.8	114.3	149.2	28.6	44.5	16.4	16
60	79.4	85.7	84.1	165.1	96.8	114.3	149.2	28.6	44.5	16.4	16
63	85.8	92.1	96.8	177.8	109.5	127	160.3	31.8	47.7	19.6	16
65	88.9	95.3	96.8	177.8	109.5	127	160.3	31.8	47.7	19.6	16
68	92.1	98.4	96.8	177.8	109.5	127	160.3	31.8	47.7	19.6	16
70	92.1	98.4	96.8	177.8	109.5	127	160.3	31.8	47.7	19.6	16
75	98.5	108	108	190.5	125.4	142.9	173	31.8	47.7	19.6	16
80	101.6	111.1	108	190.5	125.4	142.9	173	31.8	47.7	19.6	16
85	108	117.5	117.5	203.2	135	155.6	182.5	31.8	47.7	19.6	20
90	114.3	127	127	215.9	150.8	171.5	195.2	31.8	47.7	19.6	20
95	117.5	130.2	127	215.9	150.8	171.5	195.2	31.8	47.7	19.6	20

d	D1		D2	D3	D4	D5		L1	L2	L4	S
mm	min	max				min	max				
100	123.9	139.7	136.5	228.6	168.3	188.9	207.9	31.8	47.7	19.6	20
105	130.1	149.2	136.5	228.6	168.3	189	208	31.8	47.7	19.6	20
110	136.5	158.8	146.1	241.3	177.8	198.4	220.6	31.8	47.7	19.6	20
115	142.9	168.3	155.6	254	186.6	211.1	230.2	31.8	47.7	19.6	22
120	142.9	168.3	155.6	254	186.6	211.1	230.2	31.8	47.7	19.6	22
125	142.9	168.3	155.6	254	186.6	211.1	230.2	31.8	47.7	19.6	22

BXCS-A02(CDSA)

Type:	Double Cartridge Seal
Replacement:	AES CDSA
Temperature:	-30℃ to +205℃
Pressure:	≤2.1Mpa/1.3Mpa
Speed:	≤25m/s
Material:	Q1,Q2,U2,T,P,M1,F,G,M

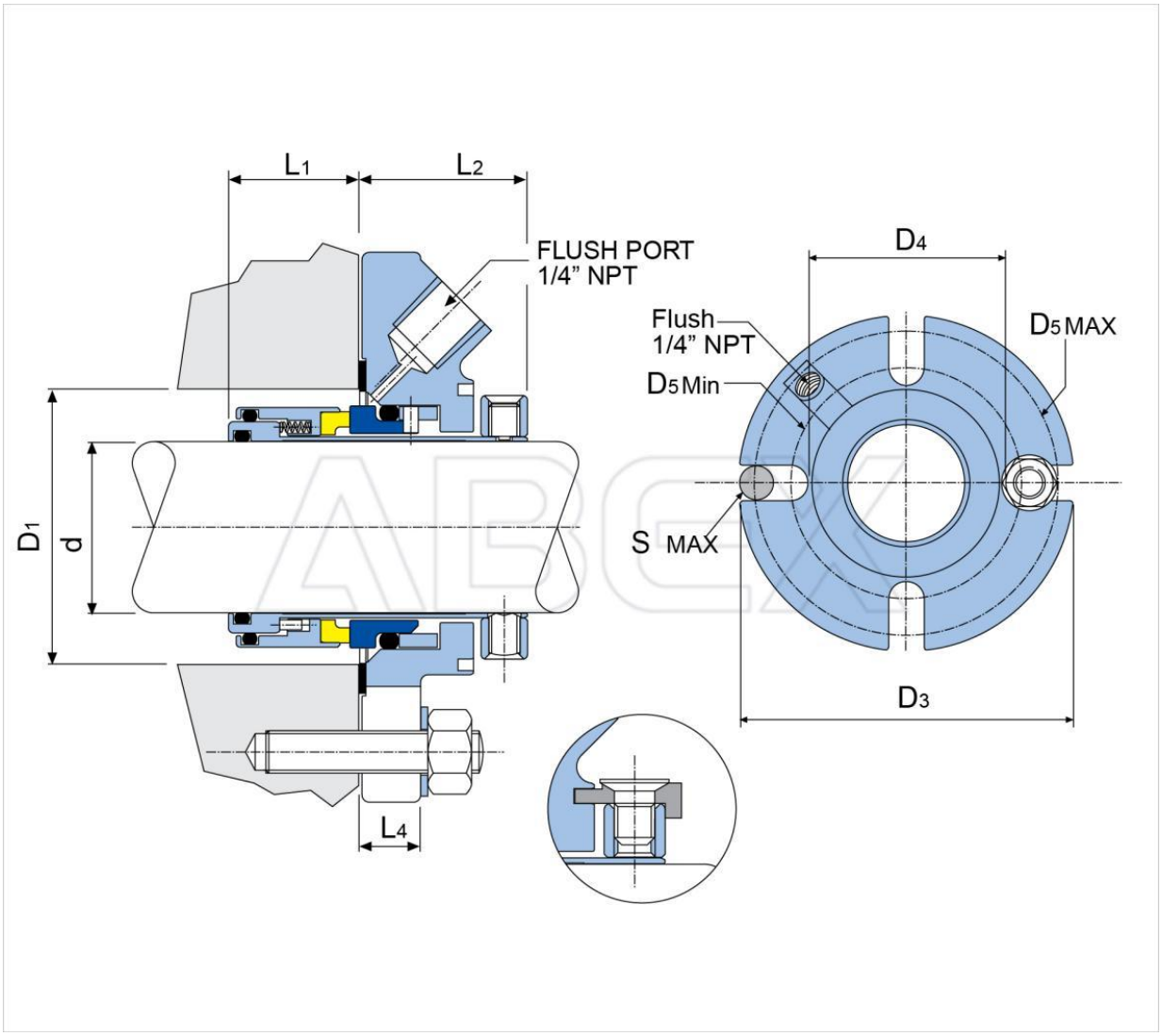


d	D1		D2	D3	D4	W		S	L1	L2	L4
(mm)	min	max				min	max				
24	40	46	49.2	104.8	54	67	90.5	12	32.5	52.4	13.2
25	41	49	49.2	104.8	54	67	90.5	12	32.5	52.4	13.2
28	44	52.3	52.4	108	57.2	70.3	93.6	12	32.5	52.4	13.2
30	46	55.5	55.6	111	60.4	73.5	96.8	12	32.5	52.4	13.2
32	48	55.5	55.6	111	60.4	73.5	96.8	12	32.5	52.4	13.2
33	49	55.5	55.6	111	60.4	73.5	96.8	12	32.5	52.4	13.2
35	51	57.5	58.8	111	63.5	76.6	96.8	12	32.5	52.4	13.2
38	57.2	60.3	65	127	71.5	85.7	114.3	12	33.3	54	16.4
40	58	60.4	65	127	71.5	85.7	114.3	12	33.3	54	16.4
43	61	63.5	65	127	71.5	85.7	114.3	12	33.3	54	16.4
45	63.5	69.9	71.4	139.7	81	95.3	127	12	33.3	54	16.4
48	66.7	73	71.4	139.7	81	95.3	127	12	33.3	54	16.4
50	68	73	71.4	139.7	81	95.3	127	12	33.3	54	16.4
53	71	76.2	77.8	152.4	90.5	104.8	139.7	12	35	54	16.4
55	74	79.4	77.8	152.4	90.5	104.8	139.7	12	35	54	16.4
58	76.2	82.5	84.1	165.1	96.8	114.3	149.2	16	35	54	16.4
60	79.4	85.7	84.1	165.1	96.8	114.3	149.2	16	35	54	16.4
63	85.8	92.1	96.8	177.8	109.5	127	160.3	16	38.1	60.3	19.6
65	88.9	95.3	96.8	177.8	109.5	127	160.3	16	38.1	60.3	19.6
68	92.1	98.4	96.8	177.8	109.5	127	160.3	16	38.1	60.3	19.6

d	D1		D2	D3	D4	W		S	L1	L2	L4
(mm)	min	max				min	max				
70	92.1	98.4	96.8	177.8	109.5	127	160.3	16	38.1	60.3	19.6
75	98.5	108	108	190.5	125.4	142.9	173	16	38.1	60.3	19.6
80	101.6	111.1	108	190.5	125.4	142.9	173	16	38.1	60.3	19.6
85	108	117.5	117.5	203.2	135	155.6	182.5	20	38.1	60.3	19.6
90	114.3	127	127	215.9	150.8	171.5	195.2	20	38.1	60.3	19.6
95	117.5	130.2	127	215.9	150.8	171.5	195.2	20	38.1	60.3	19.6
100	123.9	139.7	136.5	228.6	168.3	189	208	20	38.1	60.3	19.6
105	130.1	149.2	136.5	228.6	168.3	189	208	20	38.1	60.3	19.6
110	136.5	158.8	146.2	241.3	177.8	198.4	220.6	20	38.1	60.3	19.6
115	142.9	168.3	155.8	254	186.6	211.1	230.2	23	38.1	60.3	19.6
120	142.9	168.3	155.8	254	186.6	211.1	230.2	23	38.1	60.3	19.6
125	142.9	168.3	155.8	254	186.6	211.1	230.2	23	38.1	60.3	19.6

BXCS-A03(SCUSI)

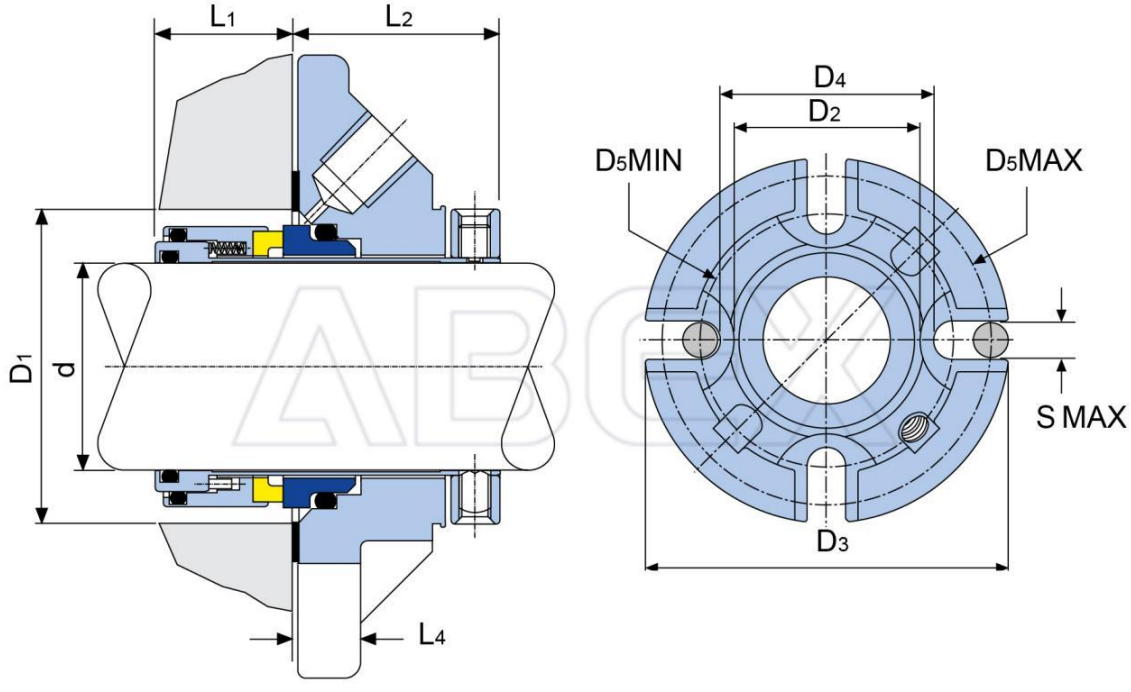
Type：	Single Cartridge Seal
Replacement：	AES SCUSI
Temperature：	-30℃ to +205℃
Pressure：	≤2.1Mpa
Speed：	≤25m/s
Material:	B,A,Q1,Q2,U2,E,V,K,F,G,M



d	D1		D3	D4	D5	L1	L2	L4	S	Bolt Size	
mm	min	max			max				max	max	min
24	40	46	101.6	52.4	88.9	26.8	34.4	12.5	45659	14.3	66.7
25	41	49.2	104.8	55.6	92	26.8	34.4	12.5	45659	14.3	69.9
28	44	52.4	108	58.7	95.3	26.8	34.4	12.5	45659	14.3	73
30	46	55.6	111	61.9	98.4	26.8	34.4	12.5	45659	14.3	76.2
32	48	55.6	111	61.9	98.4	26.8	34.4	12.5	45659	14.3	76.2
33	49	55.6	111	61.9	98.4	26.8	34.4	12.5	45659	14.3	76.2
35	50.8	58.7	111	66.7	98.4	26.8	34.4	12.5	45659	14.3	79.4
38	57.2	63.5	127	73	114.3	27.7	34.4	16.4	45659	14.3	87.3
40	57.2	63.5	127	73	114.3	27.7	34.4	16.4	45659	14.3	87.3
43	60.3	63.5	127	73	114.3	27.7	34.4	16.4	45659	14.3	87.3
45	63.5	66.7	133.4	76.2	120.7	27.7	34.4	16.4	45659	14.3	90.5
48	66.7	76.2	139.7	84.1	127	27.7	34.4	16.4	45659	14.3	98.4
50	66.7	76.2	139.7	84.1	127	27.7	34.4	16.4	45659	14.3	98.4
53	69.9	76.2	139.7	84.1	127	29.2	35.9	16.4	45659	14.3	98.4
55	73	84.1	146	93.7	130.2	29.2	35.9	16.4	45785	17.5	111.1
58	76.2	84.1	146	93.7	130.2	29.2	35.9	16.4	45785	17.5	111.1
60	79.4	90.5	152.4	100	136.5	29.2	35.9	16.4	45785	17.5	117.5
63	85.7	93.7	158.8	106.4	142.9	30.5	35.9	16.4	45785	17.5	123.8
65	88.9	95.3	158.8	106.4	142.9	30.5	35.9	16.4	45785	17.5	123.8
70	92.1	98.4	158.8	106.4	142.9	30.5	35.9	16.4	45785	17.5	123.8

BXCS-A04(CSS)

Type:	Single Cartridge Seal
Replacement:	AES CSS
Temperature:	-30℃ to +205℃
Pressure:	≤2.1Mpa
Speed:	≤25m/s
Material:	B,A,Q1,Q2,U2,E,V,K,F,G,M

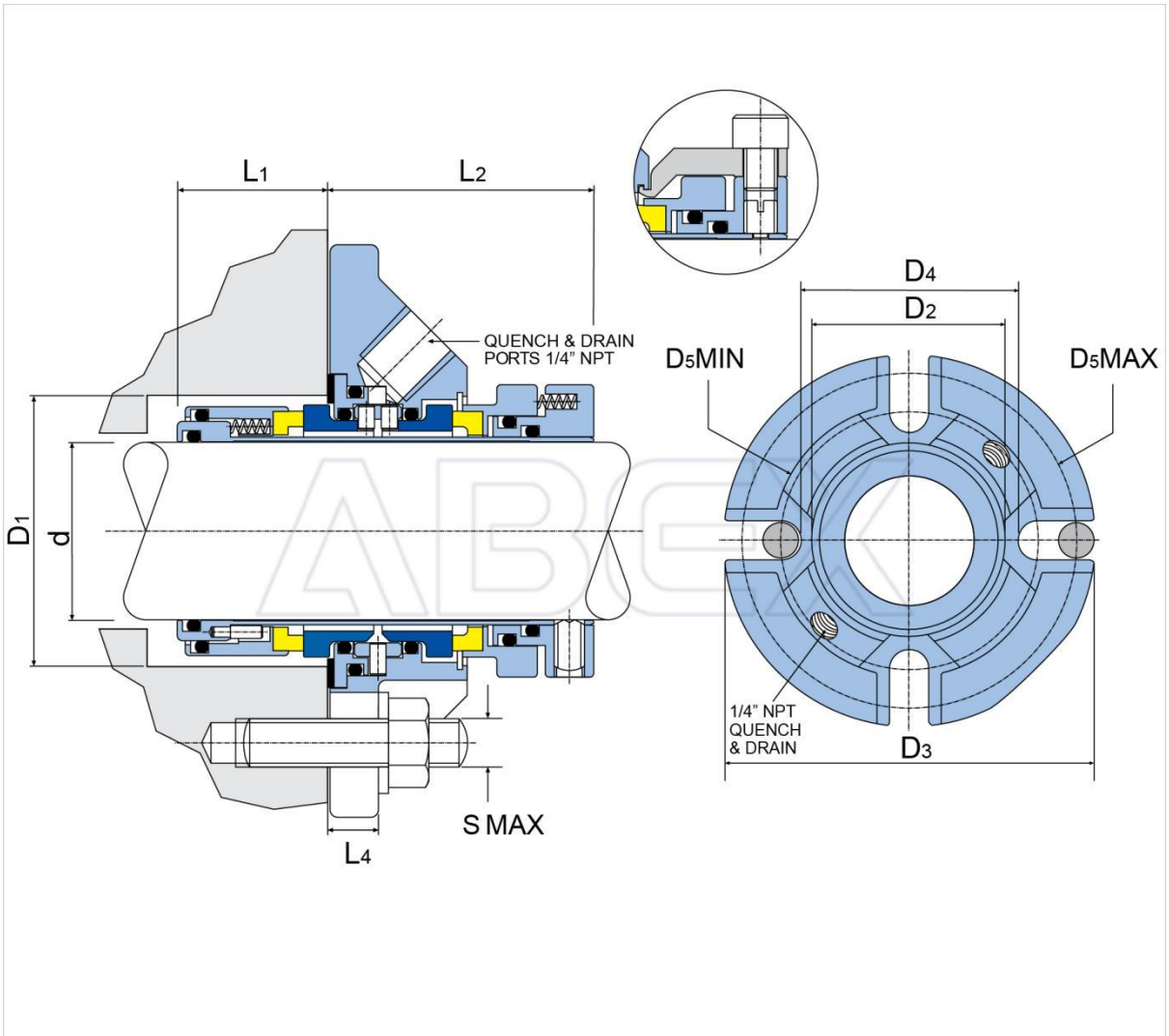


d	D1			D2	D3	D4	D5		L1	L2	L4	S
mm	min	mint	max				min	max				max
90	114.3	115.8	127	127	150.8	215.9	171.5	195.2	31.8	49.2	19.6	20
95	117.5	119	130.2	127	150.8	215.9	171.5	195.2	31.8	49.2	19.6	20
100	123.9	125.4	139.7	136.5	168.3	228.6	188.9	207.9	31.8	49.2	19.6	20
105	130.1	131.6	149.2	136.5	168.3	228.6	159	208	31.8	49.2	19.6	20
110	136.5	138	158.8	146.1	177.8	241.3	198.4	220.6	31.8	49.2	19.6	20
115	142.9	144.4	168.3	155.6	186.6	254	211.1	230.2	31.8	49.2	19.6	22
120	142.9	144.4	168.3	155.6	186.6	254	211.1	230.2	31.8	49.2	19.6	22

d	D1			D2	D3	D4	D5		L1	L2	L4	S
inch	min	mint	max				min	max				max
3.625	4.5	4.56	5	5	5.937	8.5	6.75	7.687	1.25	1.937	0.769	3/4
3.75	4.625	4.685	5.125	5	5.937	8.5	6.75	7.687	1.25	1.937	0.769	3/4
3.875	4.75	4.81	5.25	5	5.937	8.5	6.75	7.687	1.25	1.937	0.769	3/4
4	4.875	4.935	5.5	5.375	6.625	9	7.437	8.187	1.25	1.937	0.769	3/4
4.125	5.125	5.185	5.875	5.375	6.625	9	7.437	8.187	1.25	1.937	0.769	3/4
4.25	5.125	5.185	5.875	5.375	6.625	9	7.437	8.187	1.25	1.937	0.769	3/4
4.375	5.375	5.435	6.25	5.75	7	9.5	7.812	8.687	1.25	1.937	0.769	3/4
4.5	5.375	5.435	6.25	5.75	7	9.5	7.812	8.687	1.25	1.937	0.769	3/4
4.625	5.625	5.685	6.625	6.125	7.345	10	8.312	9.062	1.25	1.937	0.769	7/8
4.75	5.625	5.685	6.625	6.125	7.345	10	8.312	9.062	1.25	1.937	0.769	7/8

BXCS-A05(FIDC)

Type:	Flow Induced Dual Cartridge Seal
Replacement:	AES FIDC
Temperature:	-15 to +210℃
Pressure:	≤2.5Mpa
Speed:	≤23m/s
Material:	B,A1,Q1,Q2,U2,P,E,N,V,F,G,Alfa

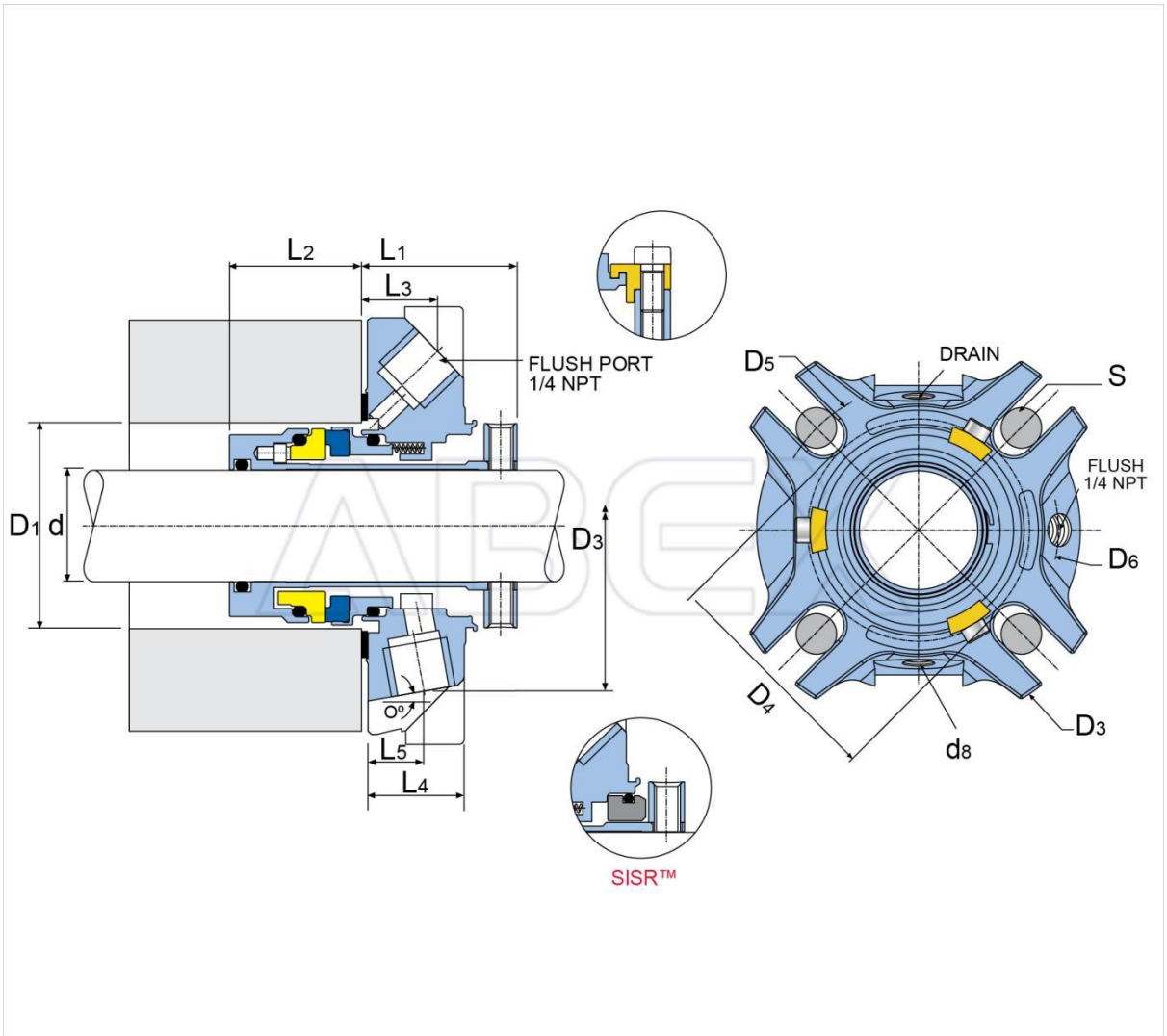


d	D1		D2	D3	D4	D5		L1	L2	L4	S
mm	min	max				min	max				max
24	40	46	49.2	104.8	54	67	90.5	32.5	52.4	13.2	12
25	41	49	49.2	104.8	54	67	90.5	32.5	52.4	13.2	12
28	44	52.3	52.4	108	57.2	70.3	93.6	32.5	52.4	13.2	12
30	46	55.5	55.6	111	60.4	73.5	96.8	32.5	52.4	13.2	12
32	48	55.5	55.6	111	60.4	73.5	96.8	32.5	52.4	13.2	12
33	49	55.5	55.6	111	60.4	73.5	96.8	32.5	52.4	13.2	12
35	51	57.5	58.8	111	63.5	76.6	96.8	32.5	52.4	13.2	12
38	57.2	60.3	65	127	71.5	85.7	114.3	33.3	54	16.4	12
40	58	60.4	65	127	71.5	85.7	114.3	33.3	54	16.4	12
43	61	63.5	65	127	71.5	85.7	114.3	33.3	54	16.4	12
45	63.5	69.9	71.4	139.7	81	95.3	127	33.3	54	16.4	12
48	66.7	73	71.4	139.7	81	95.3	127	33.3	54	16.4	12
50	68	73	71.4	139.7	81	95.3	127	33.3	54	16.4	12
53	71	76.2	77.8	152.4	90.5	104.8	139.7	35	54	16.4	12
55	74	79.4	77.8	152.4	90.5	104.8	139.7	35	54	16.4	12
58	76.2	82.5	84.1	165.1	96.8	114.3	149.2	35	54	16.4	16
60	79.4	85.7	84.1	165.1	96.8	114.3	149.2	35	54	16.4	16
63	85.8	92.1	96.8	177.8	109.5	127	160.3	38.1	60.3	19.6	16
65	88.9	95.3	96.8	177.8	109.5	127	160.3	38.1	60.3	19.6	16
68	92.1	98.4	96.8	177.8	109.5	127	160.3	38.1	60.3	19.6	16
70	92.1	98.4	96.8	177.8	109.5	127	160.3	38.1	60.3	19.6	16
75	98.5	108	108	190.5	125.4	142.9	173	38.1	60.3	19.6	16
80	101.6	111.1	108	190.5	125.4	142.9	173	38.1	60.3	19.6	16
85	108	117.5	117.5	203.2	135	155.6	182.5	38.1	60.3	19.6	20
90	114.3	127	127	215.9	150.8	171.5	195.2	38.1	60.3	19.6	20
95	117.5	130.2	127	215.9	150.8	171.5	195.2	38.1	60.3	19.6	20

d	D1		D2	D3	D4	D5		L1	L2	L4	S
mm	min	max				min	max				max
100	123.9	139.7	136.5	228.6	168.3	189	208	38.1	60.3	19.6	20
105	130.1	149.2	136.5	228.6	168.3	189	208	38.1	60.3	19.6	20
110	136.5	158.8	146.2	241.3	177.8	198.4	220.6	38.1	60.3	19.6	20
115	142.9	168.3	155.8	254	186.6	211.1	230.2	38.1	60.3	19.6	22
120	142.9	138.6	155.8	254	186.6	211.1	230.2	38.1	60.3	19.6	22
125	149.2	168.3	155.8	254	186.6	211.1	230.2	38.1	60.3	19.6	22

BXCS-A06(SISS/SISR)

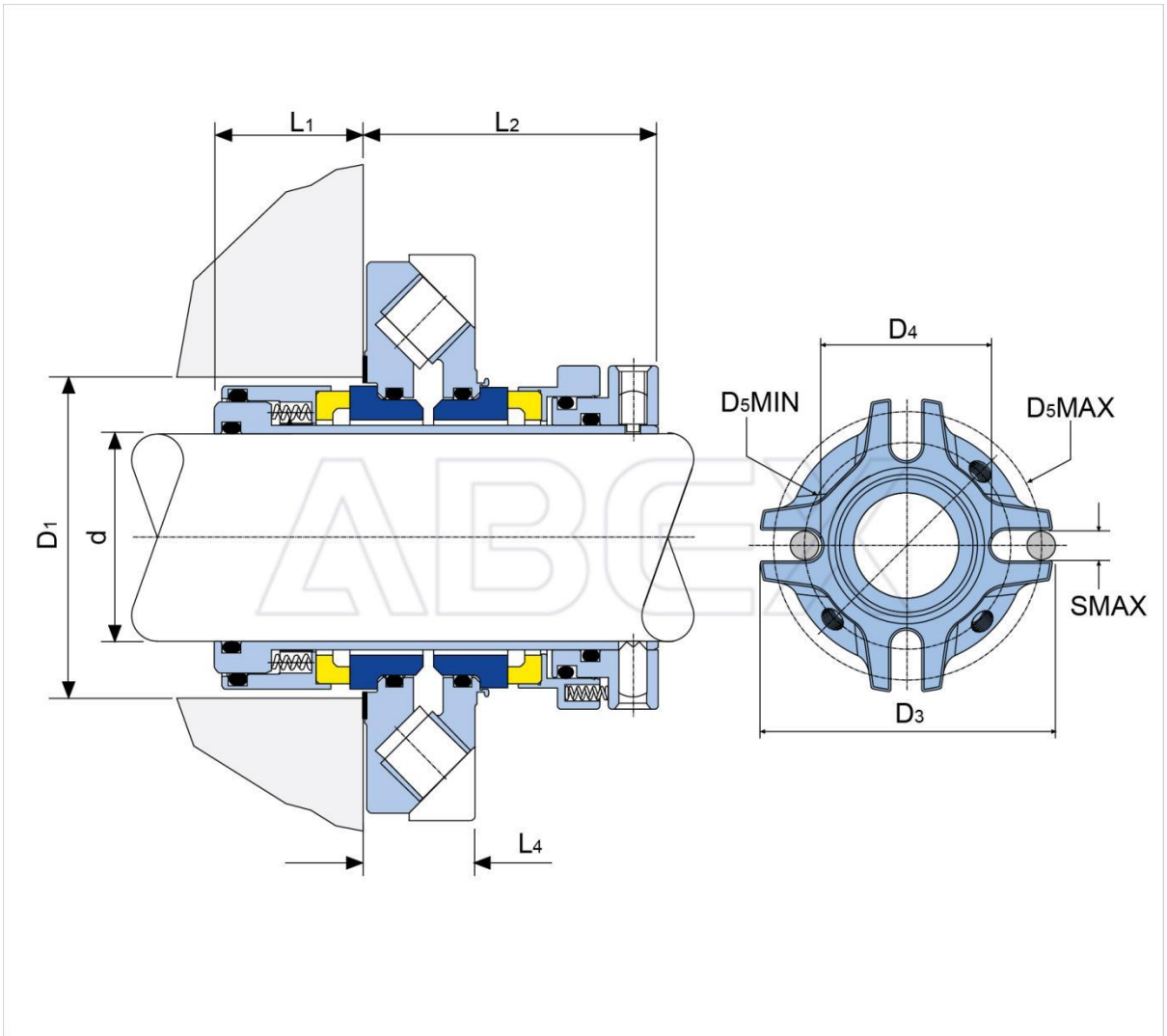
Type：	Single Cartridge Seal
Replacement：	AES SISS
Temperature：	-30℃ to +205℃
Pressure：	≤2.1Mpa
Speed：	≤25m/s
Material：	B,A,Q1,Q2,U2,E,V,K,F,G,M



d	D1		D2	D3	D4	D5		D6	L1	L2	L3	L4	L5	S	d8	O
mm	min	max				min	max							max	NPT	
24	41	48.6	71.4	104.8	57.2	71.2	92.8	79.1	38.3	28.2	17.9	23.8	15	12	‘1/4	10
25	41	48.6	71.4	104.8	57.2	71.2	92.8	79.1	38.3	28.2	17.9	23.8	15	12	’1/4	10
28	44	52.6	76.2	108	60.4	74.3	96	82.6	38.3	28.2	17	23.8	14.1	12	‘1/4	10
30	46	54.7	78	111.1	63.5	77.5	99	84.1	38.3	28.2	17.8	23.8	13	12	’1/4	10
32	48	54.7	78.5	111.1	63.5	77.5	99	84.1	38.3	28.2	17.8	23.8	13	12	‘1/4	10
33	49	54.7	78.5	111.1	63.5	77.5	99	84.1	38.3	28.2	17.8	23.8	13	12	’1/4	10
33K	49	54.7	82.5	98.5	63.5	77.5	86.5	97	36.8	27.7	13.7	21.7	13.7	12	‘1/4	15
35	51	58.6	78.5	111.1	66.7	80.7	99	83.8	38.3	28.2	17.6	23.8	13	12	’1/4	10
38	58	63.6	85.7	127	72	85.9	115	92.1	36.8	28	16.2	21.7	12.7	12	‘1/4	10
40	60	64.7	85.7	127	72	85.9	115	92.1	36.8	28	16.2	21.7	12.7	12	’1/4	10
43	63	68.6	89.7	133.4	76.8	90.8	121.3	94.9	36.8	28	16.1	21.7	13	12	‘1/4	10
43K	63	71.7	93.5	119.7	81	95	107.6	101.6	43.8	28	18.9	17.1	22.9	12	’1/4	45
45	65	70.2	88.9	133.4	76.8	90.8	121.4	95.3	36.8	28	16.1	21.7	12.7	12	‘1/4	10
48	67	70.2	88.9	133.4	76.8	90.8	121.4	95.3	36.8	28	16.2	21.7	12.7	12	’1/4	10
50	70	77.7	95.3	139.7	86	100	127.7	101.6	36.8	28	16.2	21.7	12.7	12	‘1/4	10
53	73	84.7	101.3	146.1	93.6	111.1	130	108	36.8	28	16.2	21.7	13.4	16	’1/4	10
55	75	84.7	101.3	146.1	93.6	111.1	130	108	36.8	28	16.2	21.7	13.4	16	‘1/4	10
58	78	84.7	11.3	146.1	93.6	111.1	130	108	36.8	28	16.2	21.7	13.4	16	’1/4	10
60	80	89.6	104.4	152.4	100	117.5	136.4	114.3	36.8	28	16.2	21.7	13.7	16	‘1/4	10
63	82.6	98.6	121.2	177.8	109.5	127	161.8	126.8	39.5	27.4	18.8	23.9	13.5	16	’3/8	10
65	85.7	98.7	121.2	177.8	109.5	127	161.8	126.8	39.5	27.4	18.8	23.9	13.5	16	‘3/8	10
70	90	98.7	121.2	177.8	109.5	127	161.8	126.8	39.5	27.4	18.8	23.9	13.5	16	’3/8	10
75	98.4	113.5	130.6	190.5	125.4	142.9	174.5	137.2	39.7	33	18.5	23.9	13.8	16	‘3/8	10
80	101.6	113.5	130.6	190.5	125.4	142.9	174.5	138.1	39.7	33	18	23.9	13.8	16	’3/8	10
85	108	121.5	140.2	203.2	135	156	185	146	39.7	33	18.9	23.9	13.4	20	‘3/8	10

BXCS-A07(CDPN)

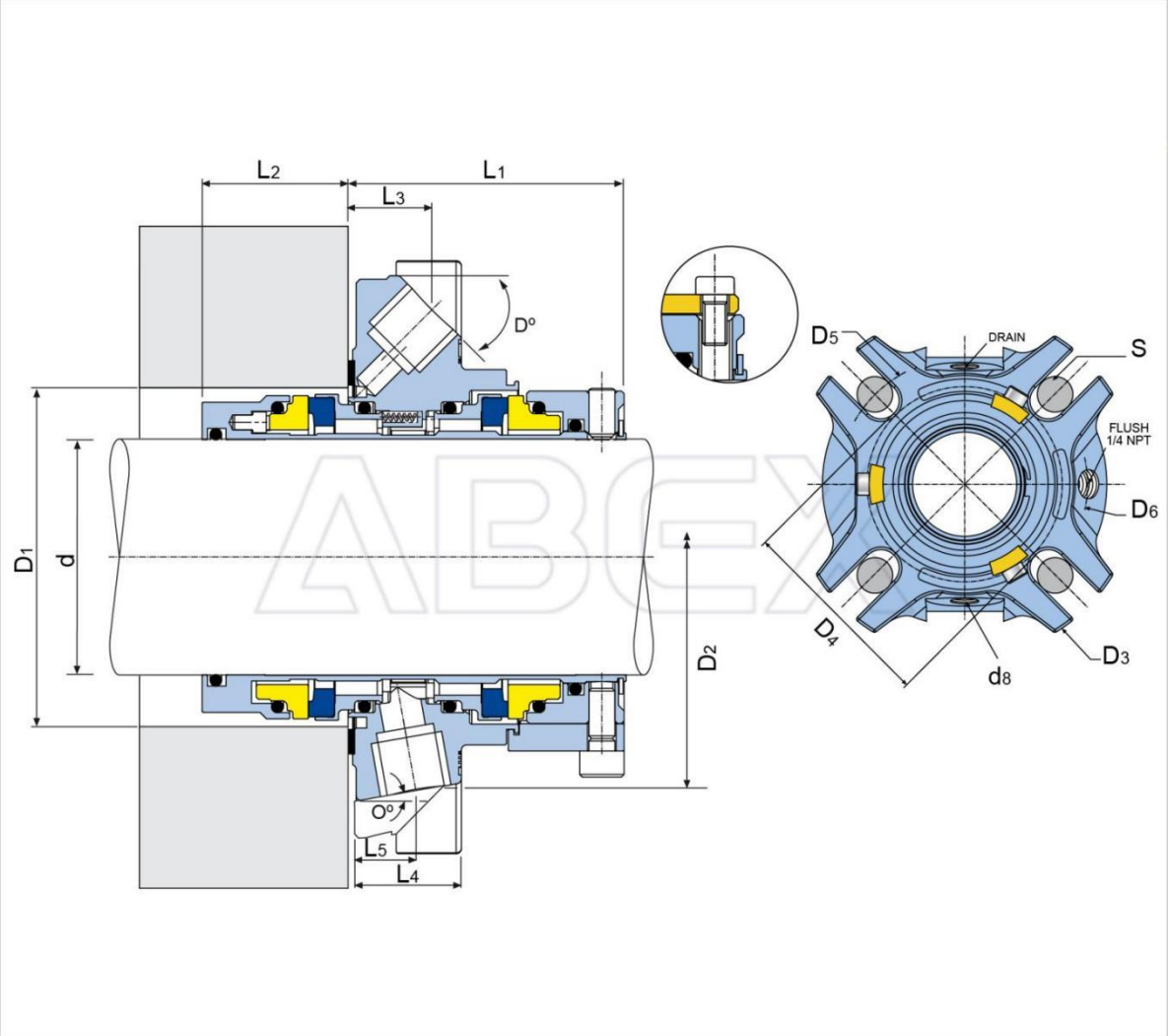
Type：	Double Cartridge Seal for Agitotor
Replacement：	AES CDPN
Temperature：	-45℃ to +150℃
Pressure：	≤2.1Mpa
Speed：	≤25m/s
Material：	A,B,U1,U2,Q1,Q2,F,V,G,K,T,M5



d	D1			D3	D4	D5		L1	L2	L4	S
mm	min	mint	max			min	max				max
24	40	41	46	104.8	60.3	74.6	92	30.7	51.3	23.5	12
25	41	42	49.2	104.8	60.3	74.6	92	30.7	51.3	23.5	12
28	44	45	52.4	108	60.3	74.6	95.3	30.7	51.3	23.5	12
30	46	47	55.6	111	63.5	77.8	98.4	30.7	51.3	23.5	12
32	48	49	55.6	111	63.5	77.8	98.4	30.7	51.3	23.5	12
33	49	50	55.6	111	63.5	77.8	98.4	30.7	51.3	23.5	12
35	50.8	51.8	58.7	111	66.7	80.9	98.4	30.7	51.3	23.5	12
38	57.2	58.2	63.5	127	71.9	85.7	114.3	27.7	56.5	21.6	12
40	57.2	58.2	63.5	127	71.9	85.7	114.3	27.7	56.5	21.6	12
43	60.3	61.3	63.5	127	71.9	85.7	114.3	27.7	56.5	21.6	12
45	63.5	64.5	69.8	133.4	76.7	90.5	120.7	27.7	56.5	21.6	12
48	66.7	67.7	69.8	133.4	76.7	90.5	120.7	27.7	56.5	21.6	12
50	68	69	69.8	133.4	76.7	90.5	120.7	27.7	56.5	21.6	12
53	71	72	76.2	139.7	86	100	127	29.2	57.2	21.6	12
55	73	74	84.1	146	93.7	111.1	130.2	29.2	57.2	21.6	12
58	76.2	77.2	84.1	146	93.7	111.1	130.2	29.2	57.2	21.6	16
60	79.4	80.4	90.5	152.4	100	117.5	136.5	29.2	57.2	21.6	16
63	85.7	87.2	98.4	177.8	109.5	127	161.9	31.8	63.8	23.5	16
65	88.9	90.4	98.4	177.8	109.5	127	161.9	31.8	63.8	23.5	16
70	92.1	93.6	98.4	177.8	109.5	127	161.9	31.8	63.8	23.5	16
75	98.5	100	114.3	190.5	125.4	142.9	173	31.8	63.8	23.5	16
80	101.6	103.1	114.3	190.5	125.4	142.9	173	31.8	63.8	23.5	16
85	108	109.5	123.7	203.2	135	152.4	185.7	31.8	63.8	23.5	16

BXCS-A08(DISP)

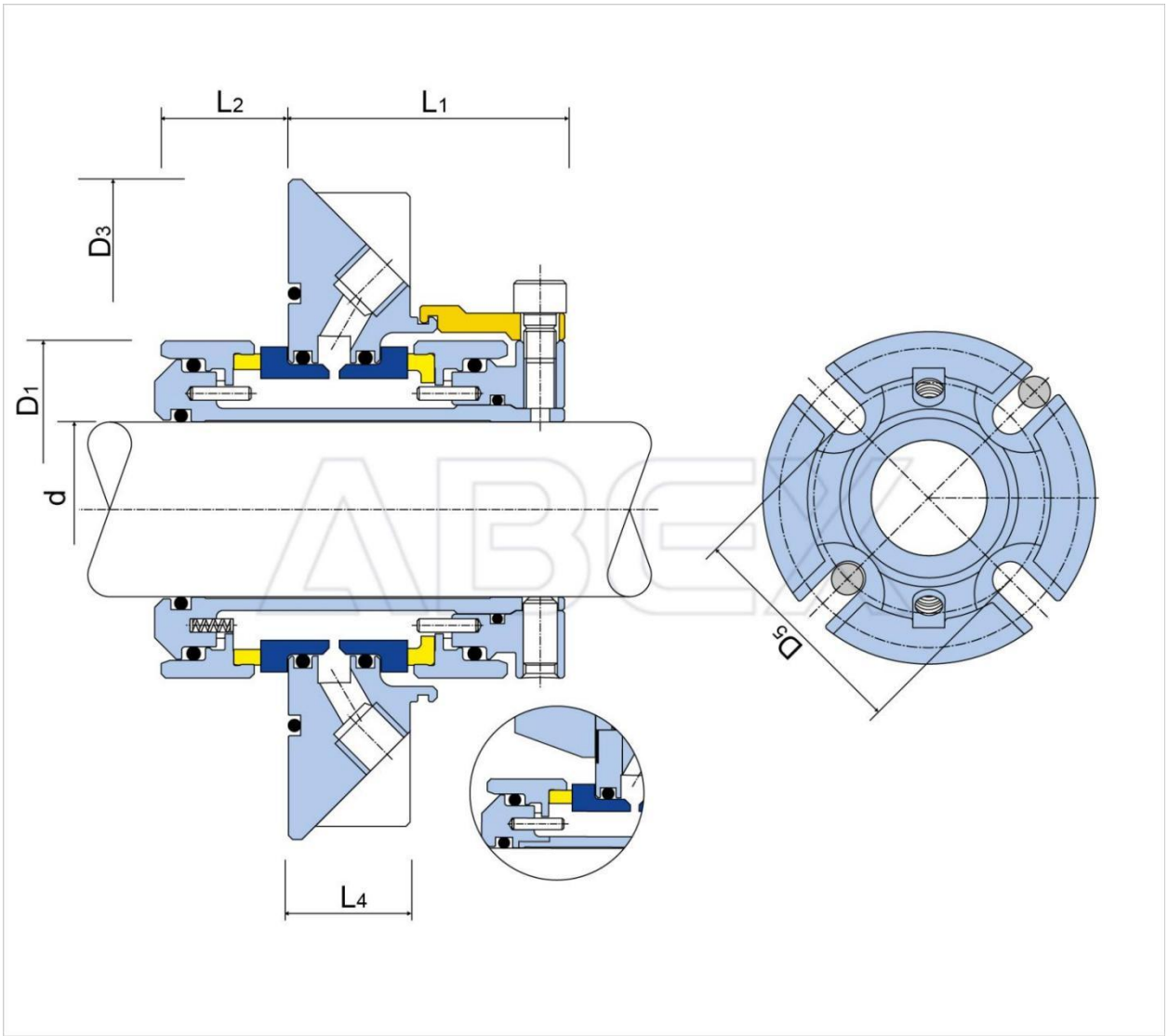
Type：	Double Cartridge Seal
Replacement：	AES DISP
Temperature：	-30℃ to +205℃
Pressure：	≤2.1Mpa
Speed：	≤25m/s
Material：	B,A,Q1,Q2,U1,V,K,E,N,F,G ,M



d	D1		D2	D3	D4	D5		D6	L1	L2	L3	L4	L5	S	d8	O
mm	min	max				min	max							max	(NPT)	
24	41	48.6	71.4	104.8	57.2	71.2	92.8	79.1	52.6	28.2	17.9	23.8	15	12	1/4	10
25	41	48.6	71.4	104.8	57.2	71.2	92.8	79.1	52.6	28.2	17.9	23.8	15	12	1/4	10
28	44	52.6	76.2	108	60.4	74.3	96	82.6	52.6	28.2	17	23.8	14.1	12	1/4	10
30	46	54.7	78	111.1	63.5	77.5	99	84.1	52.6	28.2	17.8	23.8	13	12	1/4	10
32	48	54.7	78.5	111.1	63.5	77.5	99	84.1	52.6	28.2	17.8	23.8	13	12	1/4	10
33	49	54.7	78.5	111.1	63.5	77.5	99	84.1	52.6	28.2	17.8	23.8	13	12	1/4	10
33K	49	54.7	82.5	98.5	63.5	77.5	86.5	97	53.3	27.7	13.7	21.7	13.7	12	1/4	15
35	51	58.6	78.5	111.1	66.7	80.7	99	83.8	52.6	28.2	17.6	23.8	13	12	1/4	10
38	58	63.6	85.7	127	72	85.9	115	92.1	53.3	28	16.2	21.7	12.7	12	1/4	10
40	60	64.7	85.7	127	72	85.9	115	92.1	53.3	28	16.2	21.7	12.7	12	1/4	10
43	63	68.6	89.7	133.4	76.8	90.8	121.3	94.9	53.3	28	16.1	21.7	13	12	1/4	10
43K	63	71.7	93.5	119.7	81	95	107.6	101.6	53.3	28	18.9	17.1	22.9	12	1/4	45
45	65	70.2	88.9	133.4	76.8	90.8	121.4	95.3	53.3	28	16.1	21.7	12.7	12	1/4	10
48	67	70.2	88.9	133.4	76.8	90.8	121.4	95.3	53.3	28	16.2	21.7	12.7	12	1/4	10
50	70	77.7	95.3	139.7	86	100	127.7	101.6	53.3	28	16.2	21.7	12.7	12	1/4	10
53	73	84.7	101.3	146.1	93.6	111.1	130	108	53.3	28	16.2	21.7	13.4	16	1/4	10
55	75	84.7	101.3	146.1	93.6	111.1	130	108	53.3	28	16.2	21.7	13.4	16	1/4	10
58	78	84.7	11.3	146.1	93.6	111.1	130	108	53.3	28	16.2	21.7	13.4	16	1/4	10
60	80	89.6	104.4	152.4	100	117.5	136.4	114.3	53.3	28	16.2	21.7	13.7	16	1/4	10
63	82.6	98.6	121.2	177.8	109.5	127	161.8	126.8	53.9	27.4	18.8	23.9	13.5	16	3/8	10
65	85.7	98.7	121.2	177.8	109.5	127	161.8	126.8	53.9	27.4	18.8	23.9	13.5	16	3/8	10
70	90	98.7	121.2	177.8	109.5	127	161.8	126.8	53.9	27.4	18.8	23.9	13.5	16	3/8	10
75	98.4	113.5	130.6	190.5	125.4	142.9	14.5	137.2	60.2	33	18.5	23.9	13.8	16	3/8	10
80	101.6	113.5	130.6	190.5	125.4	142.9	174.5	138.1	60.2	33	18	23.9	13.7	16	3/8	10
85	108	121.5	140.2	203.2	135	156	185	146	60.2	33	18.9	23.9	13.4	20	3/8	10

BXCS-A09(CDPH)

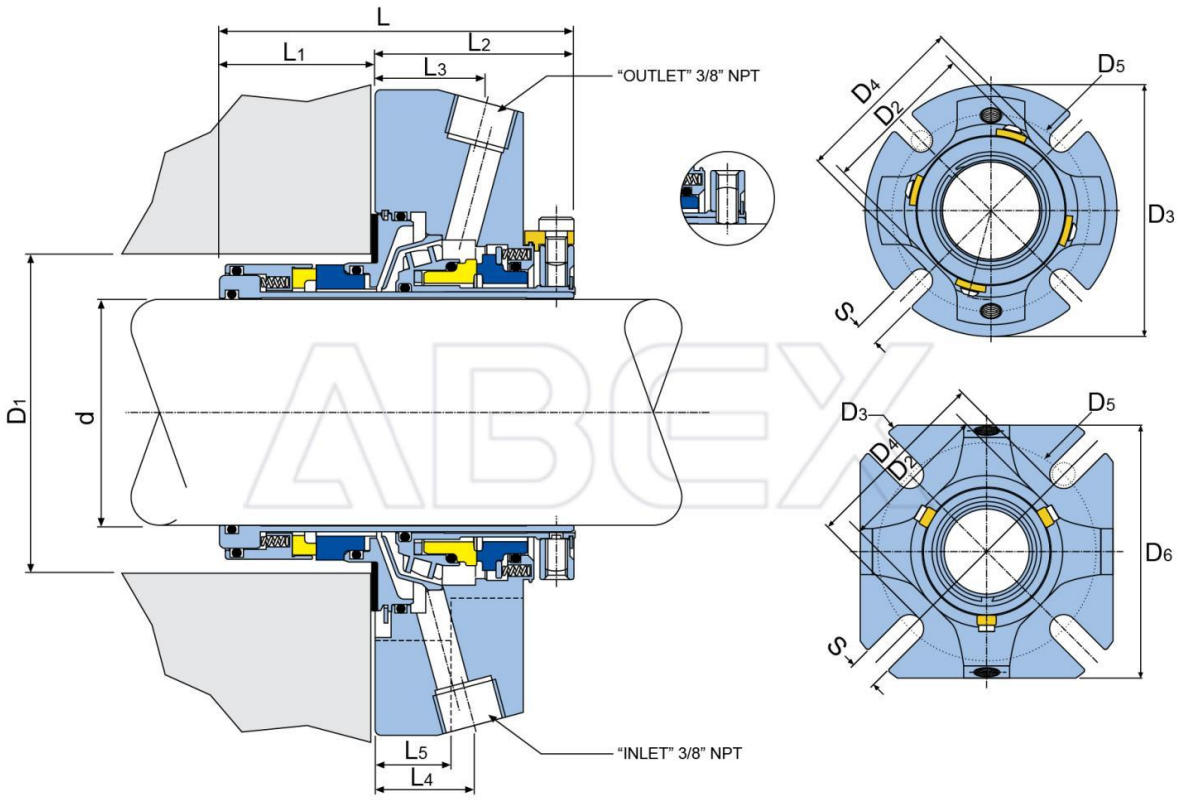
Type：	Heavy-Duty Double Slurry Seal,
Replacement：	AES CDPH
Temperature：	-45℃ to +180℃
Pressure：	≤0.80Mpa
Speed：	≤25m/s
Material：	Q1，Q2，A，B，U1，U2，P，E，V，T，F，G，T2，M5



d mm	D1	D3	D5	L1	L2	L4
60	97	163	139.7	62.23	31.33	28.6
80	126	189	168.3	65	32	28.6
100	138	214	187.3	64.8	31.33	28.6
130	172	278	238	103.2	53.1	47.3
175	231	338	300	104.5	53.8	47.3

BXCS-A10(CDFI)

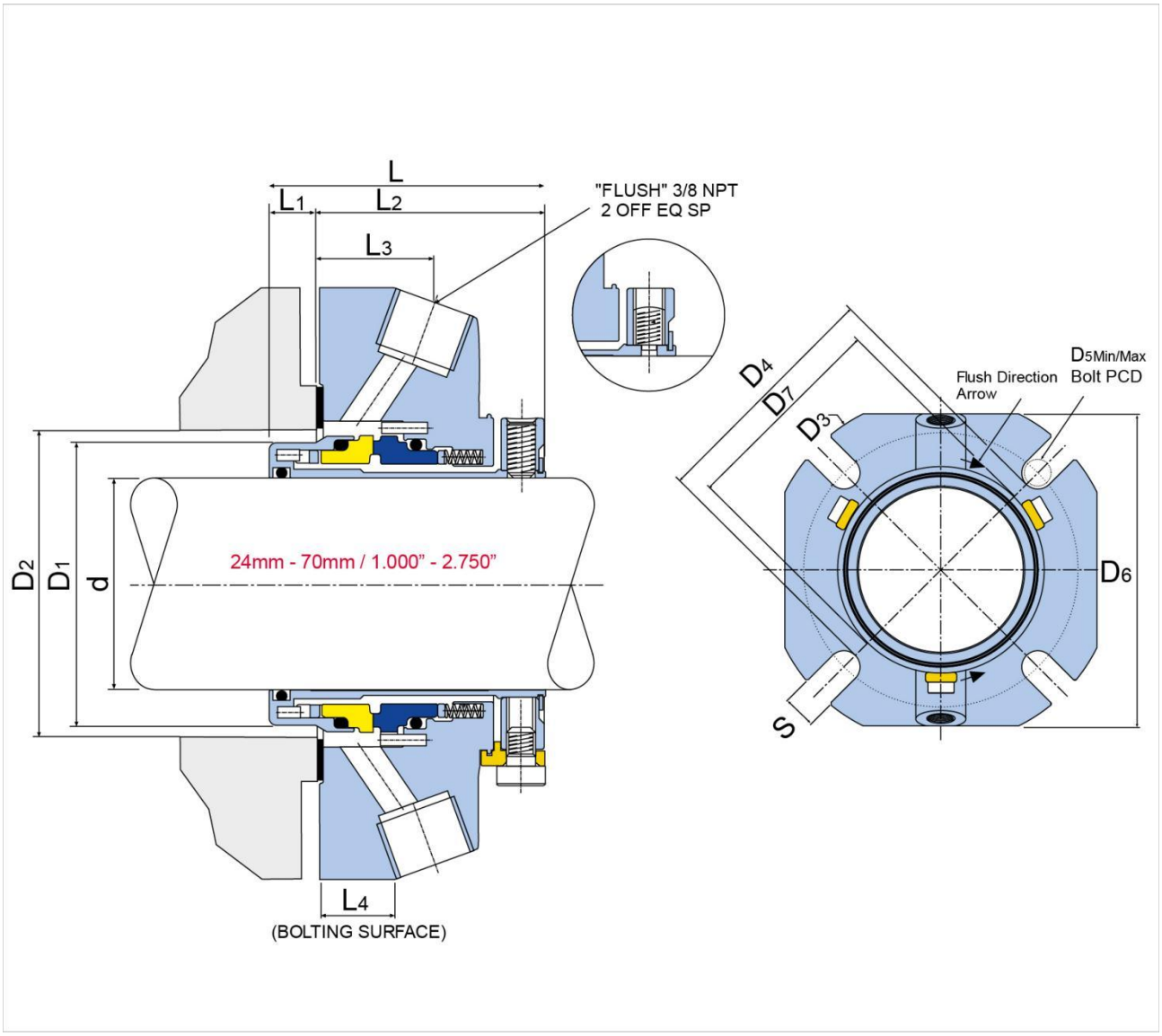
Type：	Double Cartridge Seal
Replacement：	AES CDFI
Temperature：	-30℃ to +205℃
Pressure：	≤2.1Mpa
Speed：	≤25m/s
Material：	B,A,Q1,Q2,U1,V,K,E,N,F,G,M5.



d	D1		D2	D3	D4	D5		L	L1	L2	L3	L4	L5	S	Bolt
	Min	Max				Min	Max								
28	44	52	57.2	111.1	62.2	76.2	97.1	90	37.6	52.4	28.6	20.6	19.1	14	M12
35	51	60.3	67	104.1	71.8	85.8	90.1	90	37.6	52.4	28.6	20.6	19.1	14	M12
45	63.5	73	75.7	139.1	83.8	97.8	125.1	92.8	39.7	53.1	33	31.5	19.1	14	M12
55	74	90.5	86.6	150	100.3	117.8	132.5	94.4	41.3	53.1	29	25.3	22.2	17.5	M16
60	79.4	95	94.4	170.8	108.7	126.2	153.3	94.4	41.3	53.1	29.7	26.5	19.1	17.5	M16
63	85.8	95	94.4	170.8	108.7	126.2	153.3	95.5	42.4	53.1	33	31.5	19.1	17.5	M16
65	88.9	98	98.3	180.3	111.9	129.4	162.8	95.5	42.4	53.1	33	31.5	19.1	17.5	M16
1.125	1.75	2.062	2.25	4.375	2.449	3	3.824	3.546	1.484	2.062	1.125	0.812	0.75	0.551	0.5
1.375	2	2.375	2.638	4.1	2.827	3.378	3.549	3.546	1.484	2.062	1.125	0.812	0.75	0.551	0.5
1.75	2.5	2.875	2.982	5.475	3.297	3.848	4.924	3.653	1.562	2.091	1.299	1.24	0.75	0.551	0.5
1.875	2.625	3	3.108	5.906	3.45	4.139	5.217	3.653	1.562	2.091	1.299	1.24	0.75	0.689	0.625
1.875-D	2.625	2.875	3.025	4.875	3.325	3.797	4.403	3.653	1.562	2.091	1.15	1.15	0.8	0.472	0.375
2.125	2.875	3.562	3.408	5.906	3.95	4.639	5.217	3.716	1.625	2.091	1.14	0.995	0.875	0.689	0.625
2.375	3.125	3.75	3.716	6.725	4.28	4.969	6.036	3.716	1.625	2.091	1.17	1.043	0.75	0.689	0.625
2.5	3.375	3.75	3.716	6.725	4.28	4.969	6.036	3.761	1.67	2.091	1.299	1.24	0.75	0.689	0.625
2.625	3.5	3.875	3.871	7.1	4.405	5.094	6.411	3.761	1.67	2.091	1.299	1.24	0.75	0.689	0.625

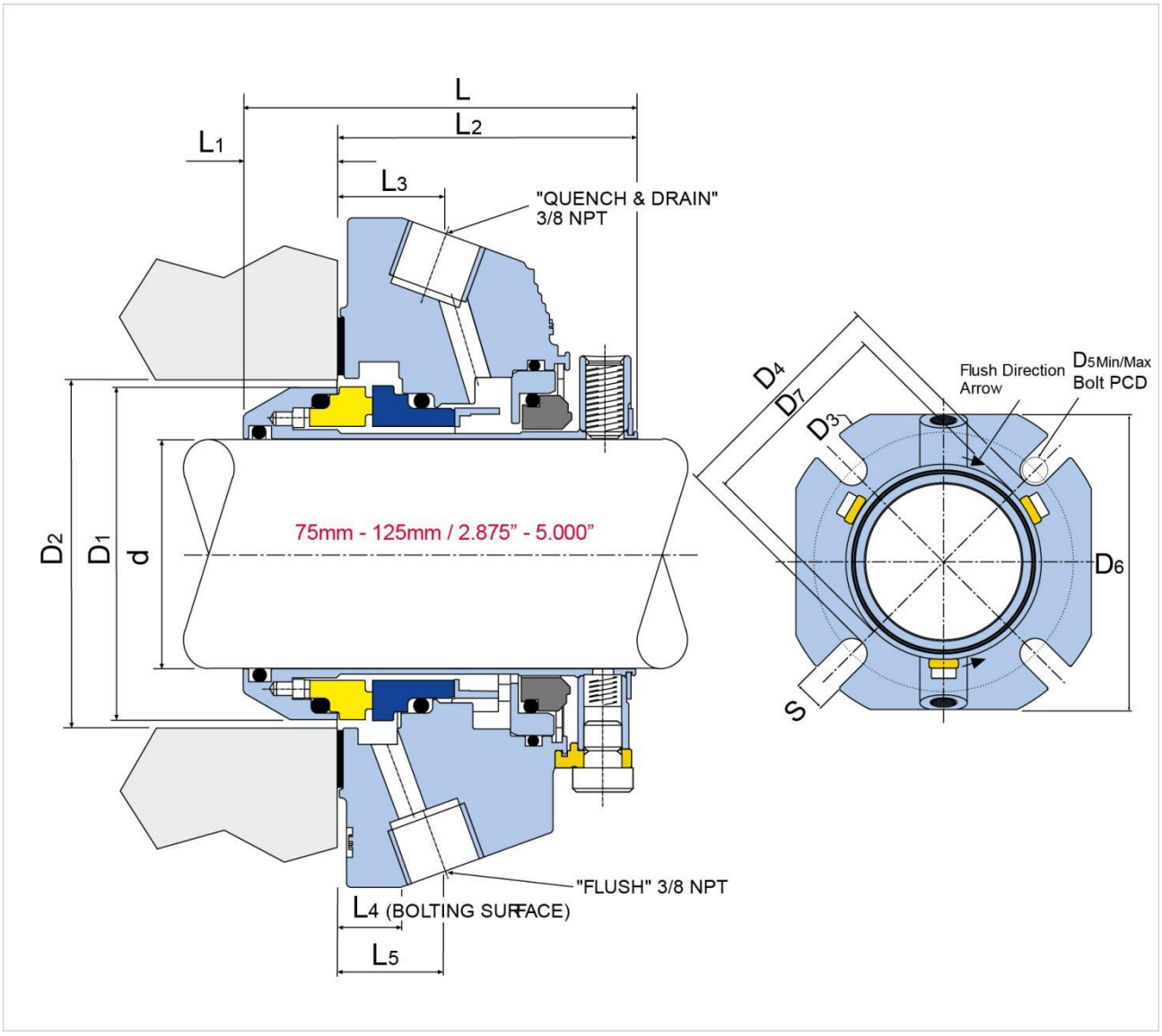
BXCS-A11(SMSS)

Type：	Single Cartridge Seal
Replacement：	AES SMSS
Temperature：	-30℃ to +205℃
Pressure：	≤2.1Mpa
Speed：	≤25m/s
Material：	B,A,Q1,Q2,U2,E,V,K,F,G,M



d	D1	D2		D3	D4	D5		D6	D7	L	L1	L2	L3	L4	S
		min	max			Min	Max								
24	38.1	40	48	105	61	75	91	99.1	47.2	55.7	10	45.7	20.5	11.9	14
25	39.1	41	51	105	61	75	91	99.1	48.2	55.7	10	45.7	20.5	11.9	14
28	42.6	44	54	111	65	79	97	101.6	51.7	55.7	10	45.7	20.3	11.9	14
30	44.1	46	54	105	64.6	78.6	91	97.8	53.2	55.7	10	45.7	20.3	11.9	14
32	47.1	49	57	105	66.5	80.5	91	99.1	56.2	55.7	10	45.7	21.2	14.1	14
33	47.1	49	57	105	66.5	80.5	91	99.1	56.2	55.7	10	45.7	21.2	14.1	14
35	49.1	51	59	120	68.5	82.5	106	104.1	58.2	55.7	10	45.7	21.5	13.2	14
38	52.9	57	70	135	80.7	94.7	121	114.3	63	57.6	10	47.6	24.6	16	14
40	54.8	59	70.5	135	80.7	94.7	212	114.3	64.9	57.6	10	47.6	24.6	16	14
43	56.1	61	70.5	135	80.7	94.7	121	114.3	66.2	57.6	10	47.6	20.5	15.5	14
45	59.3	64	75	139	83.7	97.7	125	117.5	69.3	57.6	10	47.6	24.3	16	14
48	62.5	66.6	75	139	83.7	97.7	125	117.5	72.5	57.6	10	47.6	24.3	16	14
50	65.3	70	78	150	87.6	105.1	132.5	124.5	75.7	57.6	10	47.6	24.3	16	17.5
53	68.8	73	87	150	97	114.5	132.5	136.5	78.9	57.6	10	47.6	22.5	15.5	17.5
55	68.8	73	87	150	97	114.5	132.5	136.5	78.9	57.6	10	47.6	22.5	15.5	17.5
58	72	76.2	92	164.5	102.4	119.9	147	139.7	82	57.6	10	47.6	24.6	16	17.5
60	75.2	80	92	164.5	102.4	119.9	147	139.7	85.2	57.6	10	47.6	24.6	16	17.5
63	78.3	83	98.5	171	108.7	126.2	153.5	147.4	88.4	57.6	10	47.6	23.7	16	17.5
65	81.5	86	98.5	171	108.7	126.2	153.5	147.4	91.6	57.6	10	47.6	23.7	16	17.5
70	84.7	89	100	180.5	111.9	129.4	163	152.4	94.7	57.6	10	47.6	24.3	16	17.5
1	1.538	1.625	2	4.134	2.401	2.952	3.583	3.9	1.896	2.194	0.394	1.8	0.807	0.469	0.551
1.125	1.678	1.75	2.125	4.375	2.559	3.11	3.824	4	2.036	2.194	0.394	1.8	0.8	0.469	0.551
1.25	1.823	1.875	2.25	4.134	2.618	3.169	3.583	3.9	2.211	2.194	0.394	1.8	0.835	0.554	0.551
1.375	1.932	2	2.312	4.375	2.697	3.248	3.824	4.1	2.29	2.194	0.394	1.8	0.846	0.519	0.551
1.5	2.084	2.25	2.75	5.315	3.177	3.728	4.764	4.5	2.48	2.269	0.394	1.875	0.97	0.629	0.551
1.625	2.209	2.375	2.75	5.315	3.177	3.728	4.764	4.5	2.605	2.269	0.394	1.875	0.807	0.61	0.551
1.75	2.334	2.5	2.937	5.475	3.297	3.848	4.924	4.624	2.73	2.269	0.394	1.875	0.957	0.629	0.551
1.875	2.459	2.625	2.937	5.475	3.297	3.848	4.924	4.624	2.855	2.269	0.394	1.875	0.957	0.629	0.551
2	2.569	2.75	3.062	5.906	3.45	4.139	5.217	4.9	2.98	2.269	0.394	1.875	0.97	0.629	0.689

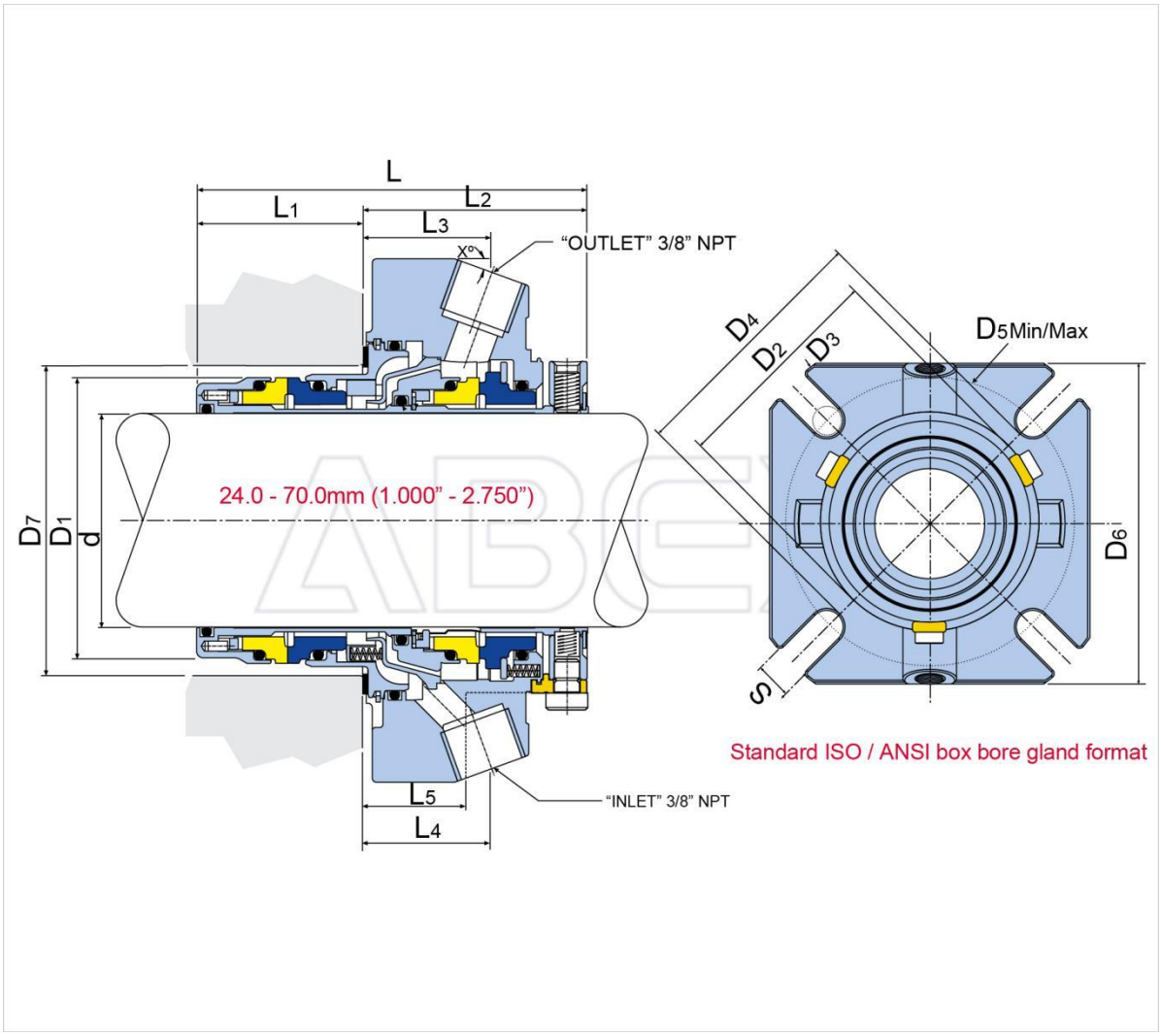
d	D1	D2		D3	D4	D5		D6	D7	L	L1	L2	L3	L4	S
		min	max			Min	Max								
2.125	2.709	2.875	3.437	5.906	3.821	4.51	5.217	5.375	3.105	2.269	0.394	1.875	0.97	0.609	0.689
2.25	2.834	3	3.625	6.475	4.03	4.719	5.786	5.5	3.23	2.269	0.394	1.875	0.97	0.629	0.689
2.375	2.959	3.125	3.625	6.475	4.03	4.719	5.786	5.5	3.355	2.269	0.394	1.875	0.97	0.629	0.689
2.5	3.084	3.25	3.875	6.725	4.28	4.969	6.036	5.8	3.48	2.269	0.394	1.875	0.933	0.631	0.689
2.625	3.209	3.375	3.875	6.725	4.28	4.969	6.036	5.8	3.605	2.269	0.394	1.875	0.933	0.631	0.689
2.75	3.334	3.5	3.937	7.1	4.405	5.094	6.411	6	3.73	2.269	0.394	1.875	0.957	0.629	0.689



d	D1	D2		D3	D4	D5		D6	D7	L	L1	L2	L3	L4	L5	S
		min	max			Min	Max									
75	98	101.6	117.5	189.2	131.4	148.9	171.8	169.4	111.1	83.5	20	63.5	23	25.9	36.1	17.5
80	104.4	108	127	201.9	131.4	152.4	180.9	169.4	115.3	83.5	20	63.5	23	25.8	36.1	21
85	107.6	111.1	127	201.9	142.5	163.5	180.9	182.1	124.8	83.5	20	63.5	23	25.8	36.1	21
90	113.9	117.5	136.5	214.6	152	173	193.6	194.8	134.4	83.5	20	63.5	23	25.8	36.1	21
95	117.1	120	136.5	214.6	152	173	193.6	194.8	134.4	83.5	20	63.5	23	25.8	36.1	21
100	123.4	127	139.7	227.3	155.2	176.2	206.3	207.5	137.5	83.5	20	63.5	23	25.8	36.1	21
105	129.8	133.4	152.4	240	168	189	219	216.2	150.2	83.5	20	63.5	23	24.3	36.1	21
110	136.1	139.7	152.4	240	168	189	219	216.2	150.2	83.5	20	63.5	23	24.3	36.1	21
115	142.5	146.1	165.1	252.7	180.6	204.6	228.7	235.7	162.9	83.5	20	63.5	23	24.3	36.1	24
120	142.5	146.1	165.1	252.7	180.6	204.6	228.7	235.7	162.9	83.5	20	63.5	23	24.3	36.1	24
125	148.8	152.4	165.1	252.7	180.6	204.6	228.7	235.7	162.9	83.5	20	63.5	23	24.3	36.1	24
2.875	3.735	3.875	4.625	7.45	5.173	5.862	6.761	6.67	4.539	3.286	0.786	2.5	0.906	1.015	1.423	0.689
3	3.86	4	4.625	7.45	5.173	5.862	6.761	6.67	4.539	3.286	0.786	2.5	0.906	1.015	1.423	0.689
3.125	3.985	4.125	4.625	7.45	5.173	5.862	6.761	6.67	4.539	3.286	0.786	2.5	0.906	1.015	1.423	0.689
3.5	4.11	4.25	5	7.95	5.611	6.438	7.123	7.17	4.914	3.286	0.786	2.5	0.906	1.015	1.423	0.827
3.375	4.235	4.375	5	7.95	5.611	6.438	7.123	7.17	4.914	3.286	0.786	2.5	0.906	1.015	1.423	0.827
3.5	4.36	4.5	5	7.95	5.611	6.438	7.123	7.17	4.914	3.286	0.786	2.5	0.906	1.015	1.423	0.827
3.625	4.485	4.625	5.375	8.45	5.986	6.813	7.623	7.67	5.289	3.286	0.786	2.5	0.906	1.015	1.423	0.827
3.75	4.61	4.75	5.375	8.45	5.986	6.813	7.623	7.67	5.289	3.286	0.786	2.5	0.906	1.015	1.423	0.827
3.875	4.86	5	5.5	8.95	6.111	6.938	8.123	8.17	5.414	3.286	0.786	2.5	0.906	1.015	1.423	0.827
4	4.86	5	5.5	8.95	6.111	6.938	8.123	8.17	5.414	3.286	0.786	2.5	0.906	1.015	1.423	0.827
4.125	5.11	5.25	6	9.45	6.611	7.438	8.623	8.51	5.914	3.286	0.786	2.5	0.906	1.017	1.423	0.827
4.25	5.11	5.25	6	9.45	6.611	7.438	8.623	8.51	5.914	3.286	0.786	2.5	0.906	1.016	1.423	0.827
4.375	5.36	5.5	6	9.45	6.611	7.438	8.623	8.51	5.914	3.286	0.786	2.5	0.906	0.956	1.423	0.827
4.5	5.36	5.5	6	9.45	6.611	7.438	8.623	8.51	5.914	3.286	0.786	2.5	0.906	0.956	1.423	0.827
4.625	5.61	5.75	6.5	9.95	7.11	8.055	9.005	8.884	6.414	3.286	0.786	2.5	0.906	0.956	1.423	0.945
4.75	5.61	5.75	6.5	9.95	7.11	8.055	9.005	8.884	6.414	3.286	0.786	2.5	0.906	0.956	1.423	0.945
4.875	5.86	6	6.5	9.95	7.11	8.055	9.005	8.884	6.414	3.286	0.786	2.5	0.906	0.956	1.423	0.945
5	5.86	6	6.5	9.95	7.11	8.055	9.005	8.884	6.414	3.286	0.786	2.5	0.906	0.956	1.423	0.945

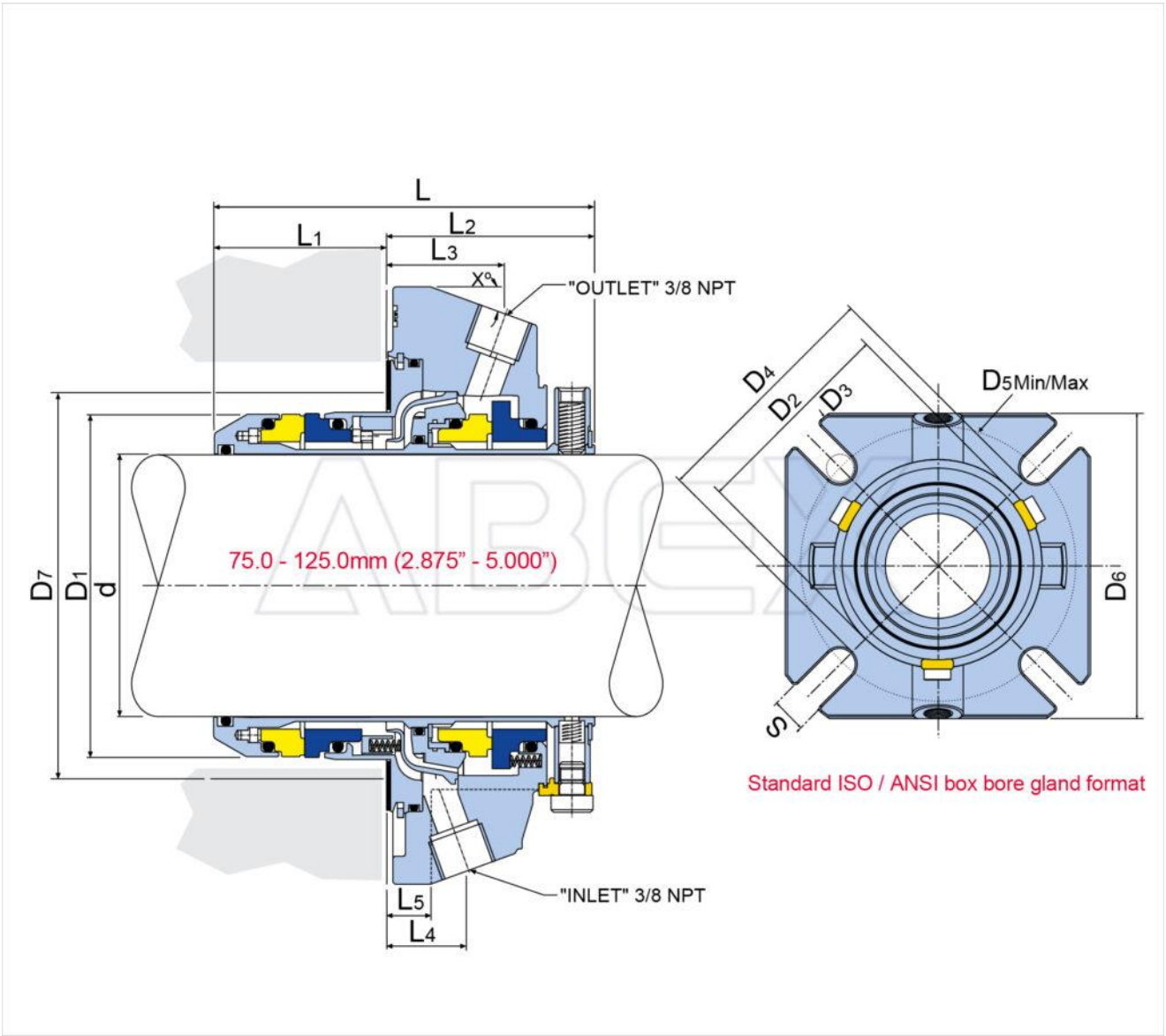
BXCS-A12(DMSF)

Type：	Double Cartridge Seal
Replacement：	AES DMSF
Temperature：	-30℃ to +205℃
Pressure：	≤2.1Mpa
Speed：	≤25m/s
Material：	B,A,Q1,Q2,U2,E,V,K,F,G,M

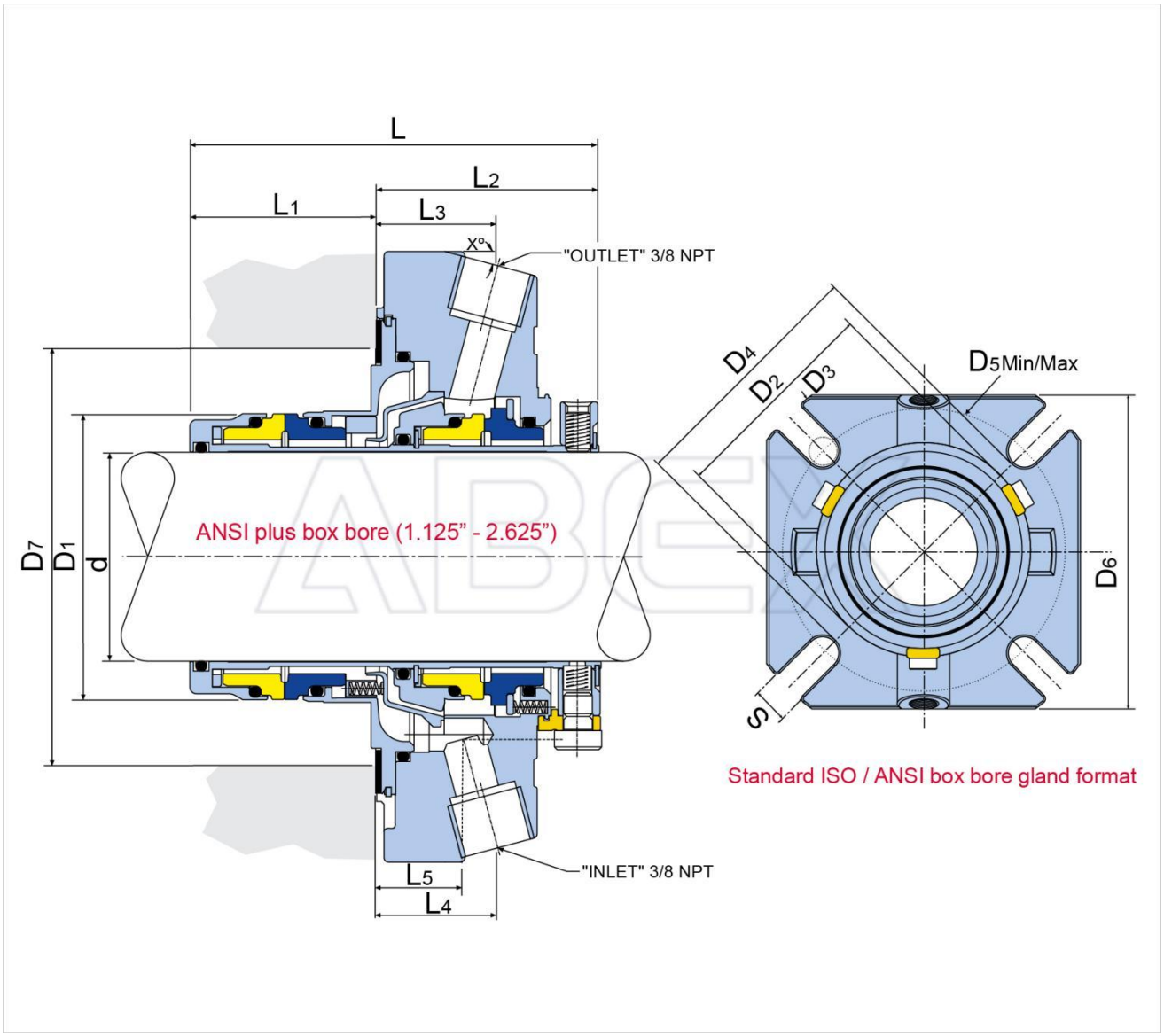


d	D1	D2	D3	D4	D5		D6	D7		L	L1	L2	L3	L4	L5	S	X	Bolt size	
					Min	Max		min	max									mm	inch
24	40.8	50.4	105	57.7	71	91	99	43	48	92	38.9	53.1	29.2	28.2	19.2	14	20	M12	0.5
25	41.8	51	105	62	76	91	99	44	51	92	38.9	53.1	29.2	27.8	19.2	14	20	M12	0.5
28	45.4	55.5	111	65	79	97	101.6	47	54	92	38.9	53.1	29.4	27.5	19.2	14	20	M12	0.5
30	46.8	56.4	105	64.6	78.6	91	97.8	49	54	92	38.9	53.1	29.7	27.4	19.2	14	20	M12	0.5
32	49.8	59.4	105	66.5	80.5	91	99	51	57	92	38.9	53.1	30.9	28.4	21.5	14	25	M12	0.5
33	49.8	59.4	105	66.5	80.5	91	99	51	57	92	38.9	53.1	30.9	28.4	21.5	14	25	M12	0.5
35	51.8	61.4	120	68.5	82.5	106	104.1	53	59	92	38.9	53.1	29.3	29.3	20.7	14	15	M12	0.5
38	55.7	70.8	135	80.7	94.7	121	114.3	57	69.9	92	38.9	53.1	30.1	30.1	21.3	14	20	M12	0.5
40	57.6	70.8	135	80.7	94.7	121	114.3	59	70.5	93.2	40.1	53.1	30.1	30.1	21.3	14	20	M12	0.5
43	58.6	70.8	135	80.7	94.7	121	114.3	61	70.5	93.2	40.1	53.1	29.8	26.7	21.3	14	15	M12	0.5
45	62	73.8	139	84.6	98.6	125	117.5	64	75	93.2	40.1	53.1	30.5	30.5	21.9	14	20	M12	0.5
48	65.2	75.7	139	83.7	97.7	125	117.5	66.6	74.6	93.2	40.1	53.1	29.9	29.3	21.3	14	20	M12	0.5
50	68	78.9	150	87.6	105.1	132.5	124.5	70	78	93.2	40.1	53.1	30.5	30.5	21.6	17.5	20	M16	0.625
53	71.6	85	150	97	114.5	132.5	136.5	73	87	93.2	40.1	53.1	29.5	25.7	21.3	17.5	15	M16	0.625
55	71.6	85	150	97	114.5	132.5	136.5	73	87	93.2	40.1	53.1	29.5	25.7	21.3	17.5	15	M16	0.625
58	74.7	88	150	102.4	119.9	132.5	139.7	76.2	92	93.2	40.1	53.1	30.1	30.1	21.3	17.5	20	M16	0.625
60	77.9	88	164.5	102.4	119.1	147	139.7	80	92	93.2	40.1	53.1	30.5	30.5	21.6	17.5	20	M16	0.625
63	81.1	94.4	171	108.7	126.2	153.5	147.3	83	98.5	93.2	40.1	53.1	29.8	29.8	21.6	17.5	15	M16	0.625
65	84.3	94.4	171	108.7	126.2	153.5	147.3	86	98.5	93.2	40.1	53.1	29.4	29.4	21.3	17.5	15	M16	0.625
70	87.4	98.3	180.5	112	129.5	163	152.4	89	100	93.2	40.1	53.1	29.7	29.7	21.3	17.5	20	M16	0.625
1	1.646	2.008	4.134	2.441	2.992	3.583	3.9	1.75	2	3.622	1.531	2.091	1.15	1.093	0.755	0.551	20	M12	0.5
1.125	1.786	2.183	4.375	2.559	3.11	3.824	4	1.875	2.125	3.622	1.531	2.091	1.159	1.084	0.755	0.551	20	M12	0.5
1.25	1.961	2.34	4.134	2.618	3.169	3.583	3.9	2	2.25	3.622	1.531	2.091	1.215	1.12	0.847	0.551	25	M12	0.5
1.375	2.04	2.418	4.725	2.697	3.248	4.174	4.1	2.125	2.312	3.622	1.531	2.091	1.154	1.154	0.815	0.551	15	M12	0.5
1.5	2.192	2.786	5.315	3.177	3.728	4.764	4.5	2.25	2.75	3.622	1.531	2.091	1.185	1.185	0.837	0.551	20	M12	0.5
1.625	2.317	2.786	5.315	3.177	3.728	4.764	4.5	2.375	2.75	3.671	1.58	2.091	1.173	1.052	0.841	0.551	15	M12	0.5
1.75	2.442	2.907	5.475	3.337	3.888	4.924	4.625	2.5	2.937	3.671	1.58	2.091	1.2	1.2	0.862	0.551	20	M12	0.5
1.875	2.567	2.982	5.475	3.297	3.848	4.924	4.625	2.625	2.937	3.671	1.58	2.091	1.175	1.152	0.837	0.551	20	M12	0.5
2	2.677	3.108	5.906	3.45	4.139	5.217	4.9	2.75	3.062	3.671	1.58	2.091	1.2	1.2	0.852	0.689	20	M16	0.625
2.125	2.817	3.346	5.906	3.819	4.508	5.217	5.375	2.875	3.437	3.671	1.58	2.091	1.163	1.013	0.84	0.689	15	M16	0.625

d	D1	D2	D3	D4	D5		D6	D7		L	L1	L2	L3	L4	L5	S	X	Bolt size	
					Min	Max		min	max									mm	inch
2.25	2.942	3.466	6.475	4.03	4.719	5.786	5.5	3	3.625	3.671	1.58	2.091	1.185	1.185	0.837	0.689	20	M16	0.625
2.375	3.067	3.466	6.475	4.03	4.719	5.786	5.5	3.125	3.625	3.671	1.58	2.091	1.2	1.2	0.852	0.689	20	M16	0.625
2.5	3.192	3.716	6.725	4.28	4.969	6.036	5.8	3.25	3.875	3.671	1.58	2.091	1.173	1.173	0.852	0.689	15	M16	0.625
2.625	3.317	3.716	6.725	4.28	4.969	6.036	5.8	3.375	3.875	3.671	1.58	2.091	1.158	1.158	0.837	0.689	15	M16	0.625
2.75	3.442	3.871	7.1	4.405	5.094	6.411	6	3.5	3.937	3.671	1.58	2.091	1.171	1.171	0.837	0.689	20	M16	0.625



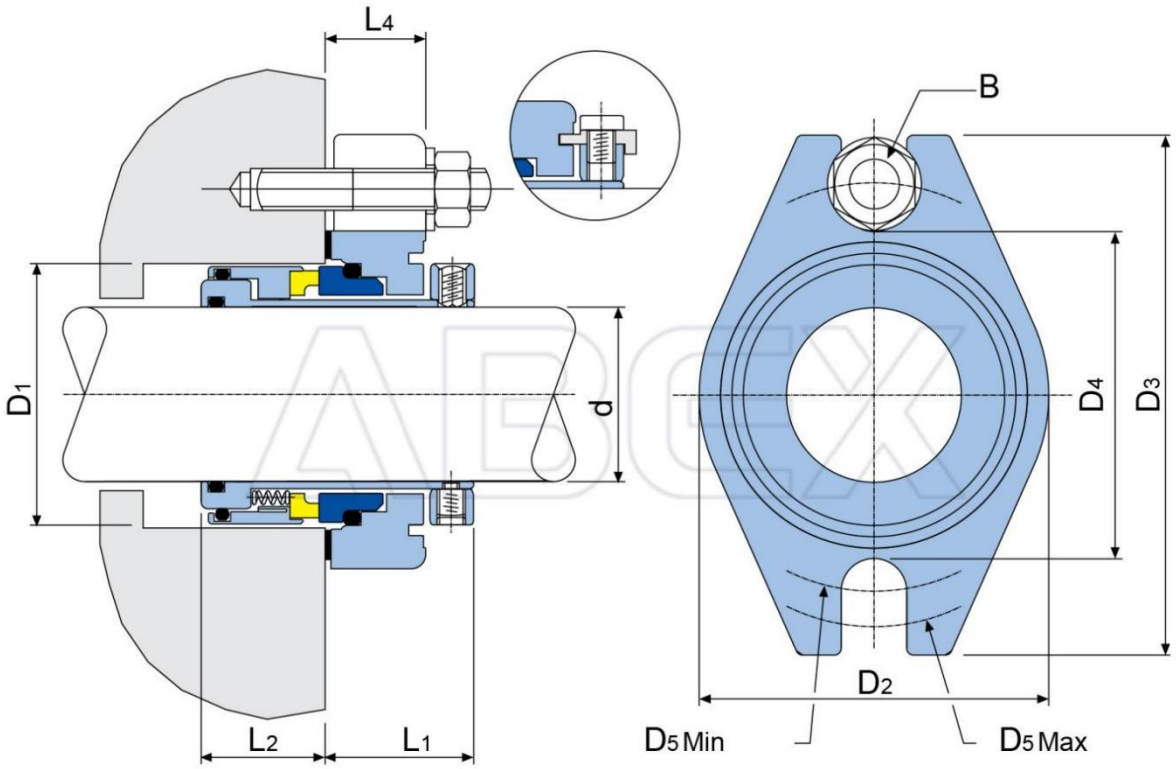
d	D1	D2	D3	D4	D5		D6	D7		L	L1	L2	L3	L4	L5	S	X	Bolt size	
					Min	Max		min	max									mm	inch
75	98	116.5	189.3	131.4	148.9	171.8	169.4	101.6	117.5	115.9	52.4	63.5	36.3	25	25.8	17.5	20	M16	0.625
80	104.4	126	201.9	142.5	163.5	180.9	169.4	108	127	115.9	52.4	63.5	36.3	25	25.8	21	20	M20	0.75
85	107.6	126	201.9	142.5	163.5	180.9	182.1	111.1	127	115.9	52.4	63.5	36.3	25	25.8	21	20	M20	0.75
90	113.9	135.5	214.6	152	173	193.6	194.8	117.5	136.5	115.9	52.4	63.5	36.3	26.2	25.8	21	20	M20	0.75
95	117.1	135.5	214.6	152	173	193.6	194.8	120	136.5	115.9	52.4	63.5	36.3	26.2	25.8	21	20	M20	0.75
100	123.4	138.7	227.3	155.2	176.2	206.3	207.5	127	139.7	115.9	52.4	63.5	36.3	26.2	25.8	21	20	M20	0.75
105	129.8	151.4	240	167.9	188.9	219	–	133.4	152.4	115.9	52.4	63.5	40.1	36	23.8	21	45	M20	0.75
110	136.1	151.4	240	167.9	188.9	219	–	139.7	152.4	115.9	52.4	63.5	40.1	36	23.8	21	45	M20	0.75
115	142.5	164.1	252.7	180.6	204.6	228.7	–	146.1	165.1	115.9	52.4	63.5	40.1	36	23.8	24	45	M24	1
120	142.5	164.1	252.7	180.6	204.6	228.7	–	146.1	165.1	115.9	52.4	63.5	40.1	36	23.8	24	45	M24	1
125	148.8	164.1	252.7	180.6	204.6	228.7	–	152.4	165.1	115.9	52.4	63.5	40.1	36	23.8	24	45	M24	1
2.875	3.735	4.585	7.45	5.173	5.862	6.761	6.67	3.875	4.625	4.562	2.062	2.5	1.429	0.986	1.014	0.689	20	M16	0.625
3	3.86	4.585	7.45	5.173	5.862	6.761	6.67	4	4.625	4.562	2.062	2.5	1.429	0.986	1.014	0.689	20	M16	0.625
3.125	3.985	4.585	7.45	5.173	5.862	6.761	6.67	4.125	4.625	4.562	2.062	2.5	1.429	0.986	1.014	0.689	20	M16	0.625
3.25	4.11	4.96	7.95	5.61	6.437	7.123	7.17	4.25	5	4.562	2.062	2.5	1.429	0.986	1.014	0.827	20	M20	0.75
3.375	4.235	4.96	7.95	5.61	6.437	7.123	7.17	4.375	5	4.562	2.062	2.5	1.429	0.986	1.014	0.827	20	M20	0.75
3.5	4.36	4.96	7.95	5.61	6.437	7.123	7.17	4.5	5	4.562	2.062	2.5	1.429	0.986	1.014	0.827	20	M20	0.75
3.625	4.485	5.335	8.45	5.985	6.812	7.623	7.67	4.625	5.375	4.562	2.062	2.5	1.429	1.033	1.014	0.827	20	M20	0.75
3.75	4.61	5.335	8.45	5.985	6.812	7.623	7.67	4.75	5.375	4.562	2.062	2.5	1.429	1.033	1.014	0.827	20	M20	0.75
3.875	4.86	5.46	8.95	6.11	6.937	8.123	8.17	5	5.5	4.562	2.062	2.5	1.429	1.033	1.014	0.827	20	M20	0.75
4	4.86	5.46	8.95	6.11	6.937	8.123	8.17	5	5.5	4.562	2.062	2.5	1.429	1.033	1.014	0.827	20	M20	0.75
4.125	5.11	5.96	9.45	6.61	7.437	8.623	–	5.25	6	4.562	2.062	2.5	1.578	1.418	0.937	0.827	45	M20	0.75
4.25	5.11	5.96	9.45	6.61	7.437	8.623	–	5.25	6	4.562	2.062	2.5	1.578	1.418	0.937	0.827	45	M20	0.75
4.375	5.36	5.96	9.45	6.61	7.437	8.623	–	5.5	6	4.562	2.062	2.5	1.578	1.418	0.937	0.827	45	M20	0.75
4.5	5.36	5.96	9.45	6.61	7.437	8.623	–	5.5	6	4.562	2.062	2.5	1.578	1.418	0.937	0.827	45	M20	0.75
4.625	5.61	6.46	9.95	7.11	8.055	9.005	–	5.75	6.5	4.562	2.062	2.5	1.578	1.418	0.937	0.945	45	M24	1
4.75	5.61	6.46	9.95	7.11	8.055	9.005	–	5.75	6.5	4.562	2.062	2.5	1.578	1.418	0.937	0.945	45	M24	1
4.875	5.86	6.46	9.95	7.11	8.055	9.005	–	6	6.5	4.562	2.062	2.5	1.578	1.418	0.937	0.945	45	M24	1
5	5.86	6.46	9.95	7.11	8.055	9.005	–	6	6.5	4.562	2.062	2.5	1.578	1.418	0.937	0.945	45	M24	1



d	D1	D2	D3	D4	D5		D6	D7		L	L1	L2	L3	L4	L5	S	X	Bolt size	
					Min	Max		min	max									mm	inch
35	51.8	64.7	136.5	87.6	101.6	122.5	108	73	77.8	92	41.2	50.8	29.3	26.7	18	14	15	M12	0.5
1.125	1.768	2.323	5	3.199	3.75	4.449	3.99	2.625	2.75	3.622	1.622	2	1.05	0.835	0.73	0.551	15	M12	0.5
1.375	2.04	2.549	5.375	3.449	4	4.824	4.25	2.875	3.062	3.622	1.622	2	1.05	0.86	0.67	0.551	15	M12	0.5
1.75	2.567	3.5	6.75	4.449	5	6.199	5.48	3.5	4	3.671	1.671	2	1.087	1.087	0.8	0.551	15	M12	0.5
1.875	2.567	3.5	6.75	4.449	5	6.199	5.48	3.5	4	3.671	1.671	2	1.087	1.087	0.8	0.551	15	M12	0.5
2.125	3.817	3.715	7.6	4.661	5.35	6.911	6.2	3.875	4.187	3.671	1.671	2	1.075	1.026	0.9	0.689	20	M16	0.625
2.5	3.317	4.525	8.225	5.411	6.1	7.536	6.7	4.5	4.187	3.671	1.58	2.091	1.141	1.141	0.9	0.689	20	M16	0.625
2.625	3.317	4.525	8.225	5.411	6.1	7.536	6.7	4.5	4.187	3.671	1.58	2.091	1.141	1.141	0.9	0.689	20	M16	0.625

BXCS-A13(CONVERTOR II)

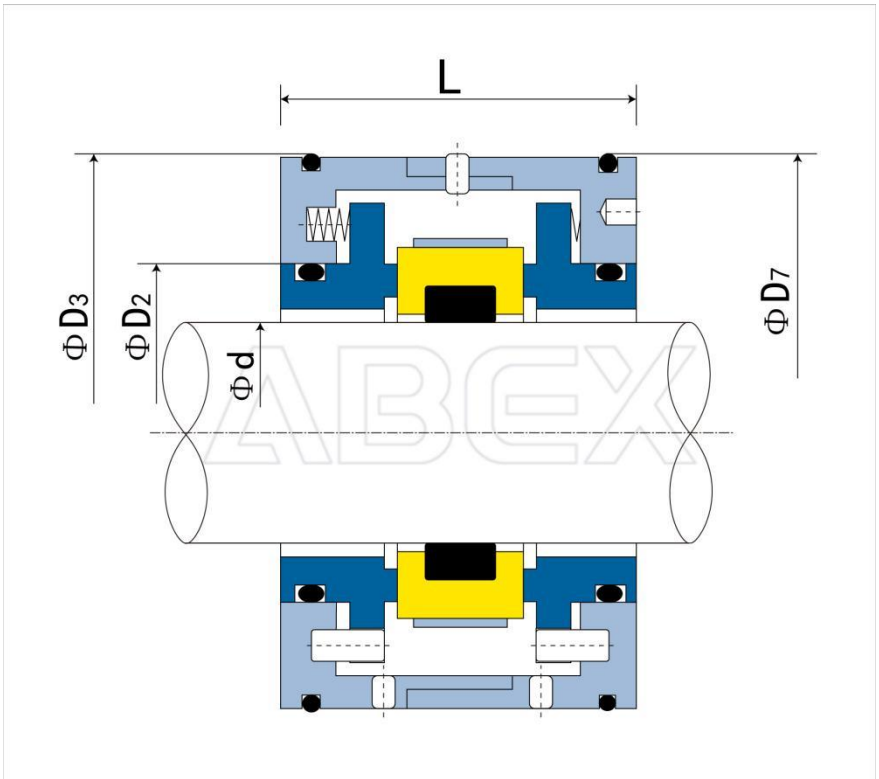
Type：	Single Cartridge Seal
Replacement：	AES CONVERTOR II
Temperature：	-20℃ to +210 ℃
Pressure:	≤2.5Mpa
Speed：	≤15m/s
Material：	A，Q1,Q2,U2,V1,V,M1,F,G,M



d	D1		D2	D3	D4	D5		L1	L2	L4	B
mm	Min	Max				Min	Max				Max
24	40	48	56.1	101.6	55.6	69.9	88.9	31.8	28.6	20.7	12
25	41	48	56.1	101.6	55.6	69.9	88.9	31.8	28.6	20.7	12
28	44	50	59.3	104.8	58.8	73.1	92.1	31.8	28.6	20.7	12
30	46	54	62.4	108	61.9	76.2	95.3	31.8	28.6	20.7	12
32	48	54	62.4	108	61.9	76.2	95.3	31.8	28.6	20.7	12
33	49	55	62.4	108	61.9	76.2	95.3	31.8	28.6	20.7	12
35	51	59	67.2	108	66.7	81	95.3	31.8	28.6	20.7	12
38	57.2	62	72	114.3	71.5	85.8	101.6	33.4	28.6	22.3	12
40	58	64	72	114.3	71.5	85.8	101.6	33.4	28.6	22.3	12
43	61	67	75.1	120.7	74.6	88.9	108	33.4	28.6	22.3	12
45	63.5	69	78.3	127	77.8	92.1	114.3	35	30.2	23.8	12
48	66.7	72	81.5	133.4	81	95.3	120.7	35	30.2	23.8	12
50	68	74	81.5	133.4	81	95.3	120.7	35	30.2	23.8	12
53	71	77	84.7	139.7	84.2	101.6	123.9	36.5	30.2	25.4	16
55	74	79	87.8	146.1	87.3	104.8	130.2	36.5	30.2	25.4	16
58	79.4	85.7	98.9	165.1	95.3	115.9	146	36.5	30.2	25.4	20
60	79.4	85.7	98.9	165.1	95.3	115.9	146	36.5	30.2	25.4	20
63	85.8	101.6	121.2	177.8	111.2	131.8	158.7	41.2	28.6	25.4	20
65	88.9	101.6	121.2	177.8	111.2	131.8	158.7	41.2	28.6	25.4	20
68	92.1	101.6	121.2	177.8	111.2	131.8	158.7	41.2	28.6	25.4	20
70	92.1	101.6	121.2	177.8	111.2	131.8	158.7	41.2	28.6	25.4	20
75	98.5	114.3	130.7	190.5	125.4	146.1	171.4	50.8	30.2	31.7	20
80	101.6	114.3	130.7	190.5	125.4	146.1	171.4	50.8	30.2	31.7	20
85	108	123.8	140.2	203.2	135	155.6	184.1	50.8	30.2	31.7	20
90	114.3	133.3	149.7	215.9	144.5	165.1	196.8	50.8	30.2	31.7	20
95	117.5	133.3	149.7	215.9	144.5	165.1	196.8	50.8	30.2	31.7	20
100	123.9	139.7	156.1	228.6	154	174.7	209.5	50.8	30.2	31.7	20

BXCS-A14(EMU)

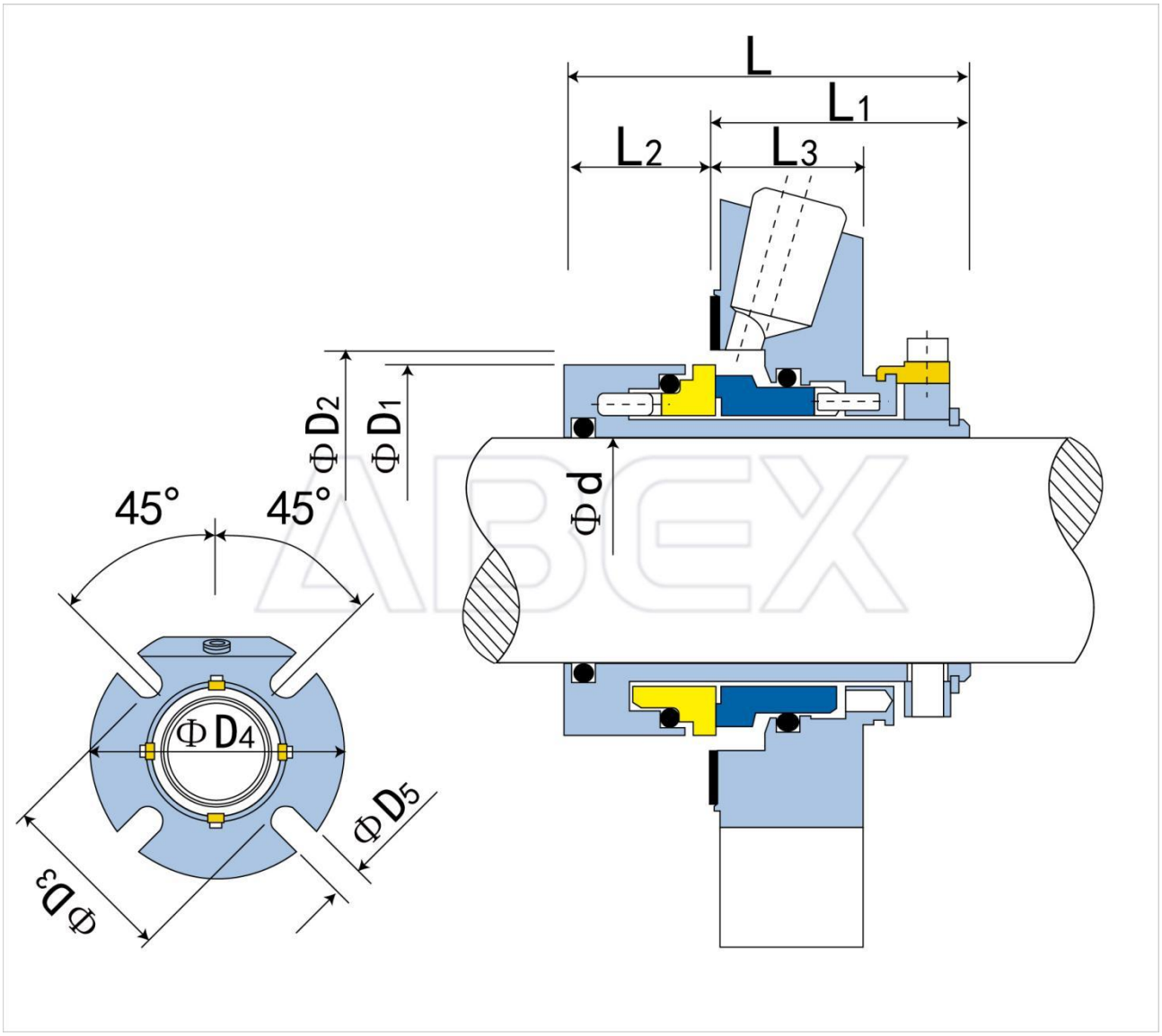
Type：	Single Cartridge Seal,Suit for EMU Pumps and MIXERS
Replacement：	AES SOEC, VULCAN 1640
Temperature：	-40℃ to +200℃
Pressure：	≤1.2Mpa
Speed：	≤20m/s
Material：	B,P,E,V,K,G,F,G



d (mm)	Code	D2	D3	D7	L
35	0.35	47	72	72	47
50	0.5	63	90	92	52
75	0.75	95	128	130	75

BXCS-B01(CARTEX-SN)

Type：	Single Cartridge Seal
Replacement：	Burgmann CARTEX-SN
Temperature：	-20℃ to +220℃
Pressure：	≤2.1Mpa
Speed：	≤10m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M

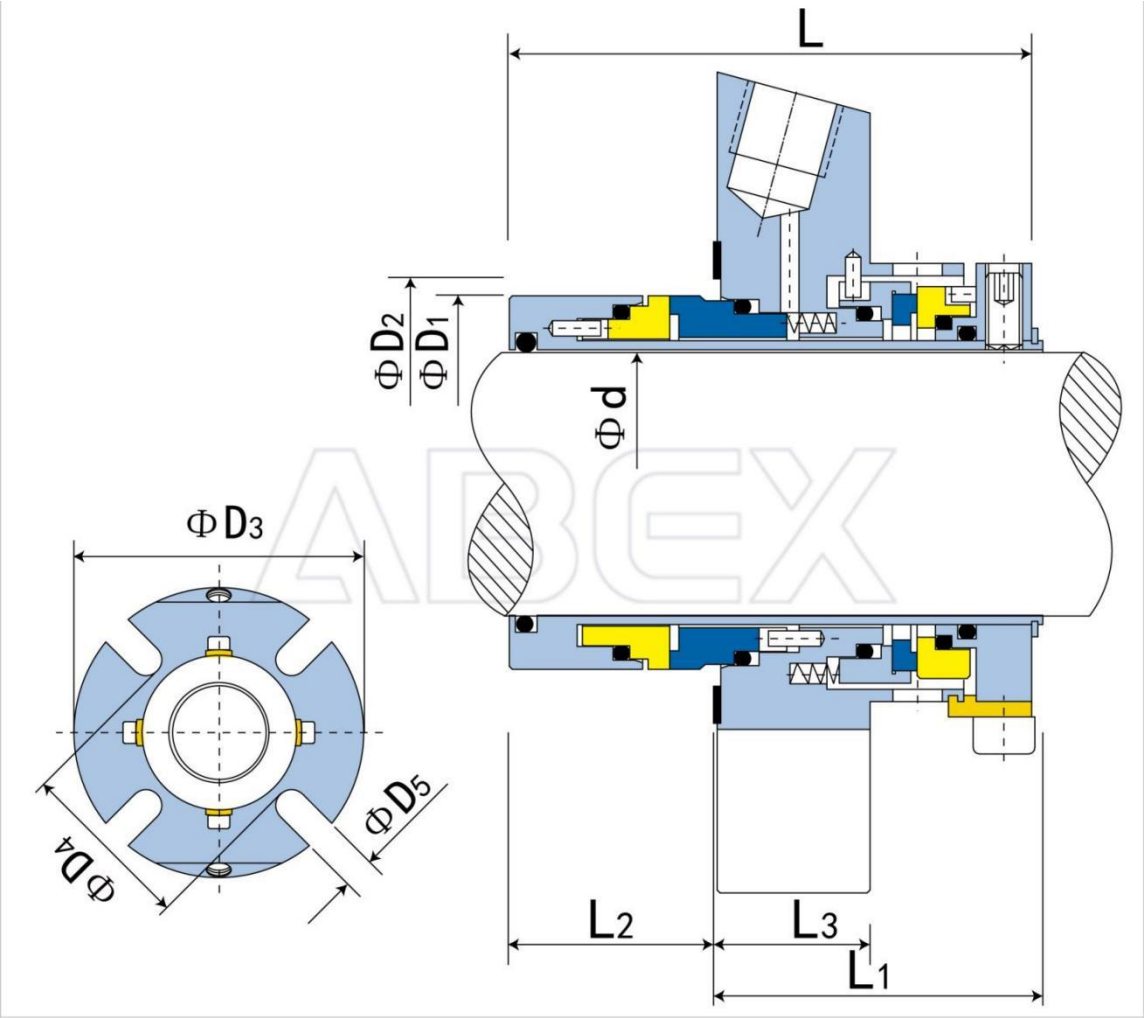


d	D1	D2		D3	D4	D5	L	L1	L2	L3
mm		Min	Max							
25	43	44	51.5	62	105	13.2	67	42.4	24.6	25.4
28	46	47	52	62	105	13.2	67	42.4	24.6	25.4
30	48	49	56	65	106	13.2	67	42.4	24.6	25.4
32	49.8	51	57	67	108	13.2	67	42.4	24.6	25.4
33	49.8	51	57	67	108	13.2	67	42.4	24.6	25.4
35	53	54	61.5	70	113	13.2	67	42.4	24.6	25.4
38	56	57	66	75	123	13.2	67	42.4	24.6	25.4
40	58	59	68	75	123	14.2	67	42.4	24.6	25.4
42	60.5	61.5	69	80	133	14.2	67	42.4	24.6	25.4
43	60.5	61.5	70.5	80	133	14.2	67	42.4	24.6	25.4
45	62.5	64	73	81	138	14.2	67	42.4	24.6	25.4
48	65.6	67	75	84	138	14.2	67	42.4	24.6	25.4
50	68	69	78	87	148	14.2	67	42.4	24.6	25.4
53	72	73	87	97	148	18	67	42.4	24.6	25.4
55	73	74	83	90	148	18	67	42.4	24.6	25.4
60	78	79	91	102	157	18	67	42.4	24.6	25.4
65	84.8	85.7	98.5	109	163	18	67	42.4	24.6	25.4
70	93	95	108	118	178	18	67	42.4	24.6	25.4
75	100	101.6	118	129	190	18	84	57.4	26.6	28
80	106.4	108	124	135	196	18	84	57.4	26.6	28
85	109.5	111.1	128	139	198	22	84	57.4	26.6	28
90	115.9	117.5	135	145	205	22	84	57.4	26.6	28
95	119.1	120.7	138	148	208	22	84	57.4	26.6	28
100	125.4	127	144	154	218	22	84	57.4	26.6	28

d	D1	D2		D3	D4	D5	L	L1	L2	L3
inch		Min	Max							
1	1.693	1.75	2	2.44	4.134	0.52	2.64	1.669	0.969	1
1.125	1.811	1.875	2.05	2.44	4.134	0.52	2.64	1.669	0.969	1
1.25	1.96	2	2.25	2.64	4.33	0.52	2.64	1.669	0.969	1
1.375	2.086	2.125	2.42	2.75	4.449	0.52	2.64	1.669	0.969	1
1.5	2.2	2.25	2.625	2.95	4.842	0.52	2.64	1.669	0.969	1
1.625	2.34	2.375	2.7	3.03	4.842	0.599	2.64	1.669	0.969	1
1.75	2.46	2.5	2.812	3.19	5.433	0.599	2.64	1.669	0.969	1
1.875	2.582	2.625	2.94	3.19	5.433	0.599	2.64	1.669	0.969	1
2	2.677	2.75	3.19	3.43	5.827	0.599	2.64	1.669	0.969	1
2.125	2.834	2.875	3.437	3.82	5.827	0.709	2.64	1.669	0.969	1
2.25	2.96	3	3.56	3.9d40	6.181	0.709	2.64	1.669	0.969	1
2.375	3.07	3.125	3.59	4.02	6.181	0.709	2.64	1.669	0.969	1
2.5	3.212	3.25	3.8	4.17	6.417	0.709	2.64	1.669	0.969	1
2.625	3.338	3.375	3.937	4.29	6.417	0.709	2.64	1.669	0.969	1
2.75	3.66	3.75	4.25	4.65	7.008	0.709	2.64	1.669	0.969	1
2.875	3.937	4	4.646	5.079	7.48	0.709	3.307	2.26	1.047	1
3	3.937	4	4.646	5.079	7.48	0.709	3.307	2.26	1.047	1.102
3.125	4.19	4.125	4.764	5.315	7.677	0.709	3.307	2.26	1.047	1.102
3.25	4.189	4.25	4.882	5.315	7.677	0.709	3.307	2.26	1.047	1.102
3.375	4.311	4.375	5.039	5.472	7.795	0.866	3.307	2.26	1.047	1.102
3.5	4.437	4.5	5.157	5.591	7.795	0.866	3.307	2.26	1.047	1.102
3.825	4.563	4.625	5.315	5.709	8.071	0.866	3.307	2.26	1.047	1.102
3.75	4.689	4.75	5.433	5.827	8.189	0.866	3.307	2.26	1.047	1.102
4	4.937	5	5.669	6.063	8.583	0.866	3.307	2.26	1.047	1.102

BXCS-B02(CARTEX-DN)

Type：	Double Cartridge Seal
Replacement：	Burgmann CARTEX-DN
Temperature：	-40℃ to +220℃
Pressure：	≤4.0Mpa
Speed：	≤25m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M

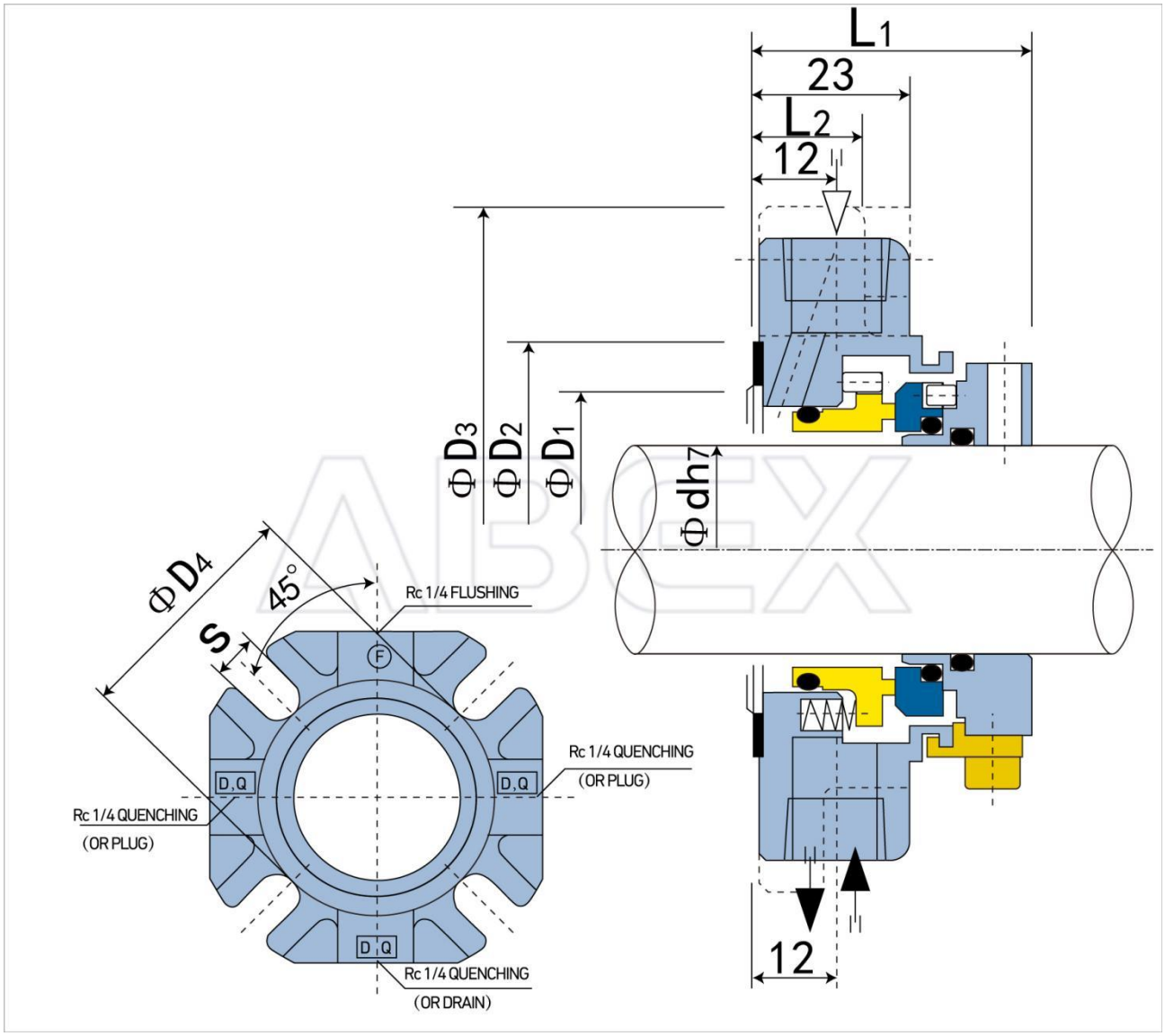


d	D1	D2		D3	D4	D5	L	L1	L2	L3
mm		min	max							
25	43	44	51.5	105	62	13.2	86.5	53.4	33.1	25.4
28	46	47	52	105	62	13.2	86.5	53.4	33.1	25.4
30	48	49	56	106	65	13.2	86.5	53.4	33.1	25.4
32	49.8	51	57	108	67	13.2	86.5	53.4	33.1	25.4
33	49.8	51	57	108	67	13.2	86.5	53.4	33.1	25.4
35	53	54	61.5	113	70	13.2	86.5	53.4	33.1	25.4
38	56	57	66	123	75	13.2	86.5	53.4	33.1	25.4
40	58	59	68	123	75	14.2	86.5	53.4	33.1	25.4
42	60.5	61.5	69	133	80	14.2	86.5	53.4	33.1	25.4
43	60.5	61.5	70.5	133	80	14.2	86.5	53.4	33.1	25.4
45	62.5	64	73	138	81	14.2	86.5	53.4	33.1	25.4
48	65.6	67	75	138	84	14.2	86.5	53.4	33.1	25.4
50	68	69	78	148	87	14.2	86.5	53.4	33.1	25.4
53	72	73	87	148	97	18	86.5	53.4	33.1	25.4
55	73	74	83	148	90	18	86.5	53.4	33.1	25.4
60	78	79	91	157	102	18	86.5	53.4	33.1	25.4
65	84.8	85.7	98.5	163	109	18	86.5	53.4	33.1	25.4
70	93	95	108	178	118	18	86.5	53.4	33.1	25.4
75	100	101.6	118	190	129	18	108	63.9	44.1	28
80	106.4	108	124	196	135	18	108	63.9	44.1	28
85	109.5	111.1	128	198	139	22	108	63.9	44.1	28
90	115.9	117.5	135	205	145	22	108	63.9	44.1	28
95	119.1	120.7	138	208	148	22	108	63.9	44.1	28
100	125.4	127	144	218	154	22	108	63.9	44.1	28

d	D1	D2		D6	D4	D5	L	L1	L2	L3
inch		min	max							
1	1.693	1.732	2.008	4.134	2.44	0.52	3.4	2.102	1.303	1
1.125	1.811	1.875	2.05	4.134	2.402	0.52	3.4	2.102	1.303	1
1.25	1.96	2.008	2.244	4.33	2.76	0.52	3.4	2.102	1.303	1
1.375	2.086	2.126	2.421	4.449	2.84	0.52	3.4	2.102	1.303	1
1.5	2.2	2.244	2.598	4.842	2.95	0.52	3.4	2.102	1.303	1
1.625	2.34	2.375	2.7	4.842	3.09	0.599	3.4	2.102	1.303	1
1.75	2.46	2.52	2.874	5.433	3.23	0.599	3.4	2.102	1.303	1
1.875	2.582	2.638	2.953	5.433	3.35	0.599	3.4	2.102	1.303	1
2	2.677	2.717	3.071	5.827	3.43	0.599	3.4	2.102	1.303	1
2.125	2.834	2.874	3.425	5.827	3.819	0.709	3.4	2.102	1.303	1
2.25	2.96	3	3.56	6.181	3.94	0.709	3.4	2.102	1.303	1
2.375	3.07	3.125	3.583	6.181	4.02	0.709	3.4	2.102	1.303	1
2.5	3.212	3.3	3.8	6.417	4.18	0.709	3.4	2.102	1.303	1
2.625	3.338	3.374	3.937	6.417	4.303	0.709	3.4	2.102	1.303	1
2.75	3.66	3.74	4.252	7.008	4.66	0.709	3.4	2.102	1.303	1
2.875	3.937	4	4.646	7.48	5.079	0.709	4.25	2.516	1.736	1
3	3.937	4	4.646	7.48	5.079	0.709	4.25	2.516	1.736	1.102
3.125	4.19	4.252	4.882	7.677	5.315	0.709	4.25	2.516	1.736	1.102
3.25	4.189	4.252	4.882	7.677	5.315	0.709	4.25	2.516	1.736	1.102
3.375	4.311	4.375	5.039	7.795	5.472	0.866	4.25	2.516	1.736	1.102
3.5	4.437	4.5	5.157	7.795	5.591	0.866	4.25	2.516	1.736	1.102
3.825	4.563	4.625	5.315	8.071	5.709	0.866	4.25	2.516	1.736	1.102
3.75	4.689	4.752	5.433	8.189	5.827	0.866	4.25	2.516	1.736	1.102
4	4.937	5	5.669	8.583	6.063	0.866	4.25	2.516	1.736	1.102

BXCS-B07(MA290)

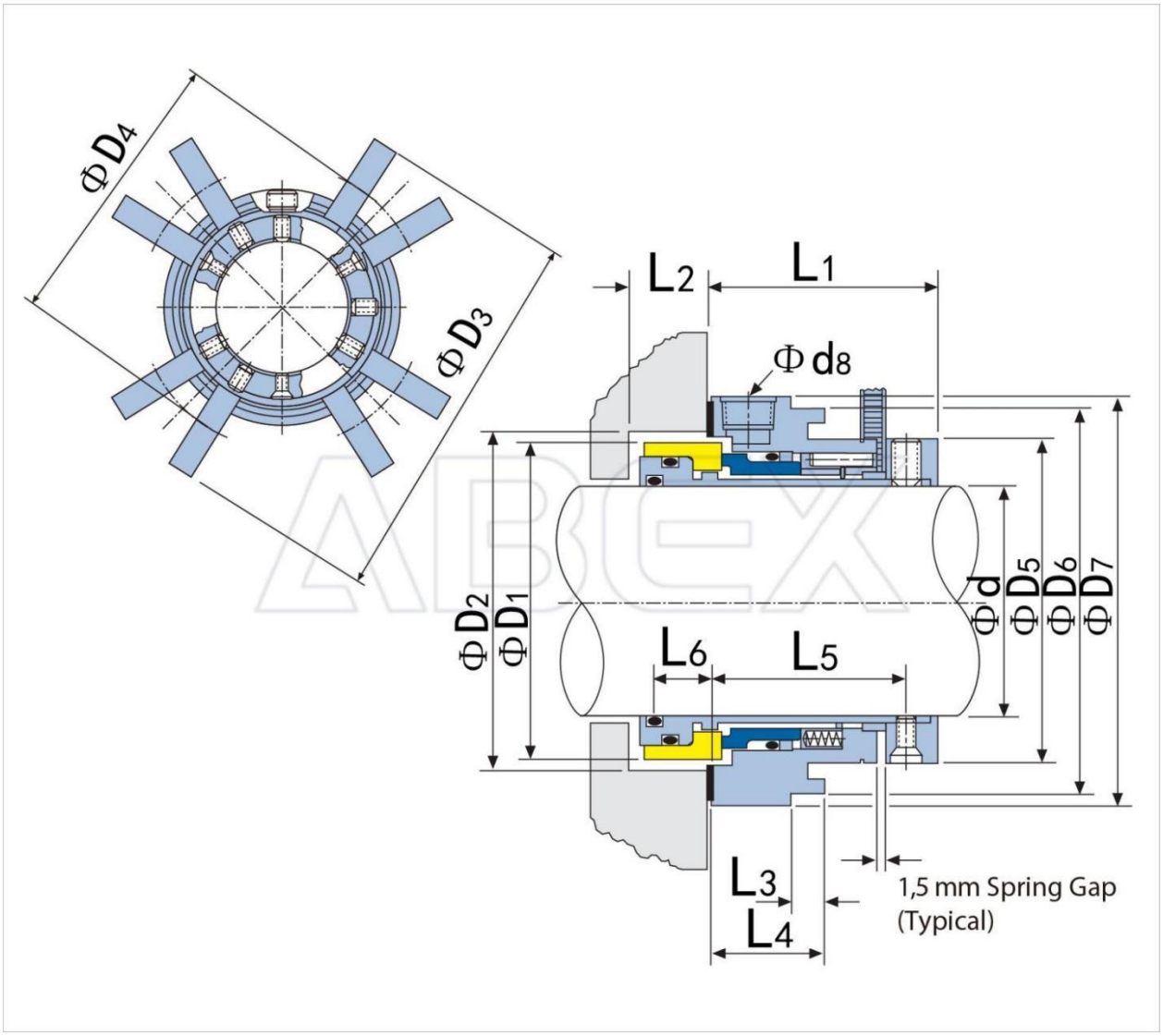
Type：	Single Cartridge Seal
Replacement：	Burgann MA290/291
Temperature：	-20 °C …160 °C
Pressure：	20 bar
Speed：	20 m/s
Material：	Q1,Q2,Graphite,V,G



d	D1		D2	D3	D4	L1	L2	S
mm	min	max						
20	30	51	58	104	60	42	18	12
25	35	51	58	104	60	42	18	12
30	40	56	63	108	65	42	18	12
35	45	66	73	18	75	42	16	14
40	50	66	73	118	75	42	16	14
45	55	71	78	128	80	42	16	14
50	60	81	88	138	90	44	16	14
55	65	81	88	138	90	44	16	14
60	70	96	103	164	105	46	14	18
65	75	96	103	164	105	46	14	18
70	80	102	109	178	111	46	14	18
75	85	114	121	193	123	49	14	18
80	90	114	121	193	123	49	14	18
85	95	124	131	208	133	49	13	20
90	100	124	131	208	133	49	13	20
95	105	134	141	218	143	49	13	20
100	110	134	141	218	143	49	13	20

BXCS-C01(155)

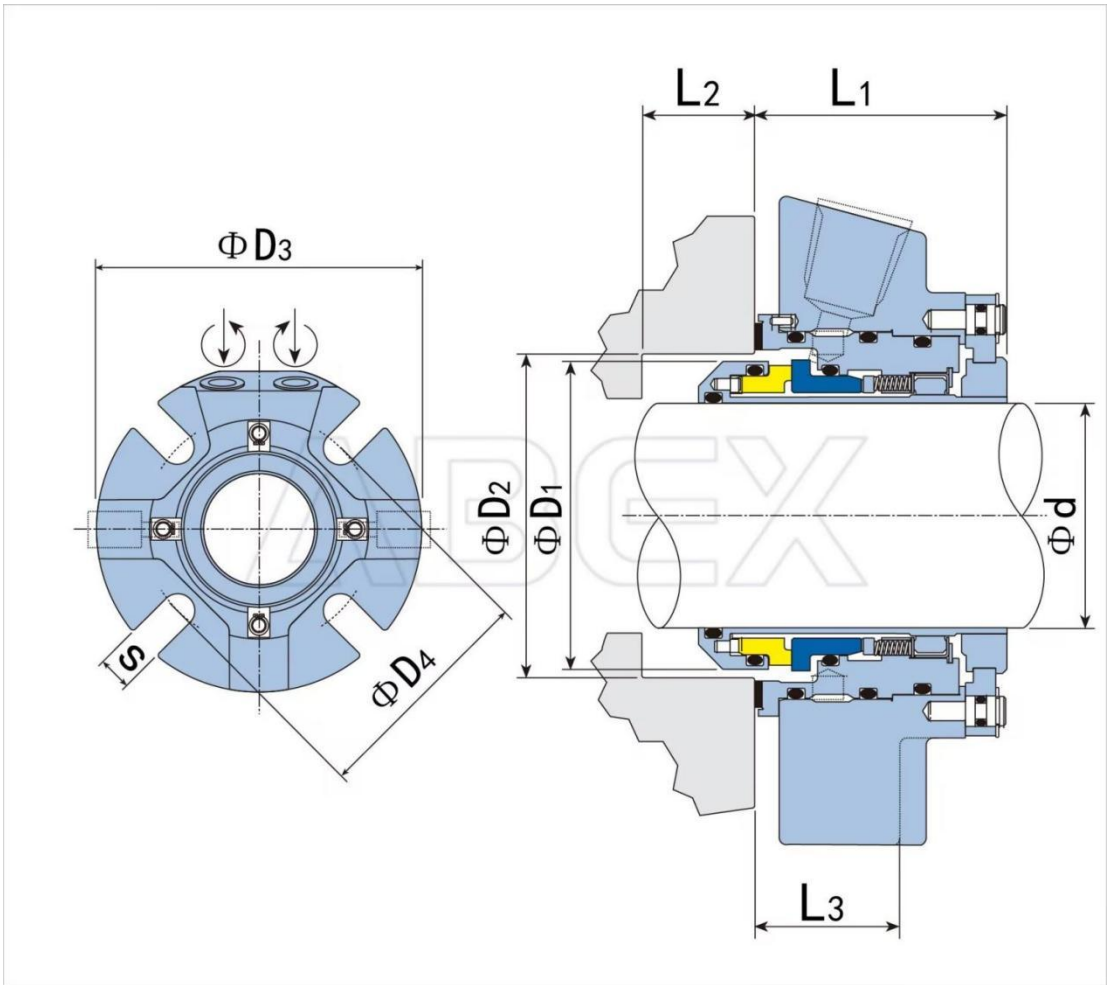
Type：	Single Cartridge Seal
Material:	Chesterton 155
Temperature：	-40 to +204℃
Pressure：	≤4Mpa
Speed：	≤20m/s
Material：	Q1,Q2,A,B,U1,U2,P,E,V,T,F,G,T2



d	D1	D2		D3	D4(min)			D5	D6	D7	L1	L2	L3	L4	L5	L6	d8
(mm)	max	min	max	max	8mm	10mm	12mm					min					
25	43	44	51	118	70	72	74	44	57	62	48	16	9	24	40	12	1/8″
28	46	47	52	118	70	72	74	47	57	62	48	16	9	24	40	12	1/8″
30	48	49	57	124	76	78	80	49	60	68	48	16	9	24	40	12	1/8″
32	50	51	58	124	77	79	81	51	62	69	48	16	9	24	40	12	1/8″
33	51	52	59	124	76	78	80	52	62	69	48	16	9	24	40	12	1/8″
35	52	54	62	128	80	82	84	54	70	72	48	16	9	24	40	12	1/8″
38	56	57	67	133	85	87	89	57	70	77	48	16	9	24	40	12	1/8″
40	58	59	68	134	86	88	90	59	73	78	48	16	9	24	40	12	1/8″
43	61	62	69	134	86	88	90	62	73	78	48	16	9	24	40	12	1/8″
45	63	64	73	140	92	94	96	64	79	84	48	16	9	24	40	12	1/8″
48	66	67	74	139	91	93	95	67	79	84	48	16	9	24	40	12	1/8″
50	68	69	78	145	97	99	101	69	82	89	48	16	9	24	40	12	1/8″
55	73	74	83	150	102	104	106	74	94	94	48	16	9	24	40	12	1/8″
60	78	79	91	160	112	114	116	80	99	104	48	16	9	24	40	12	1/8″

BXCS-C02(S10)

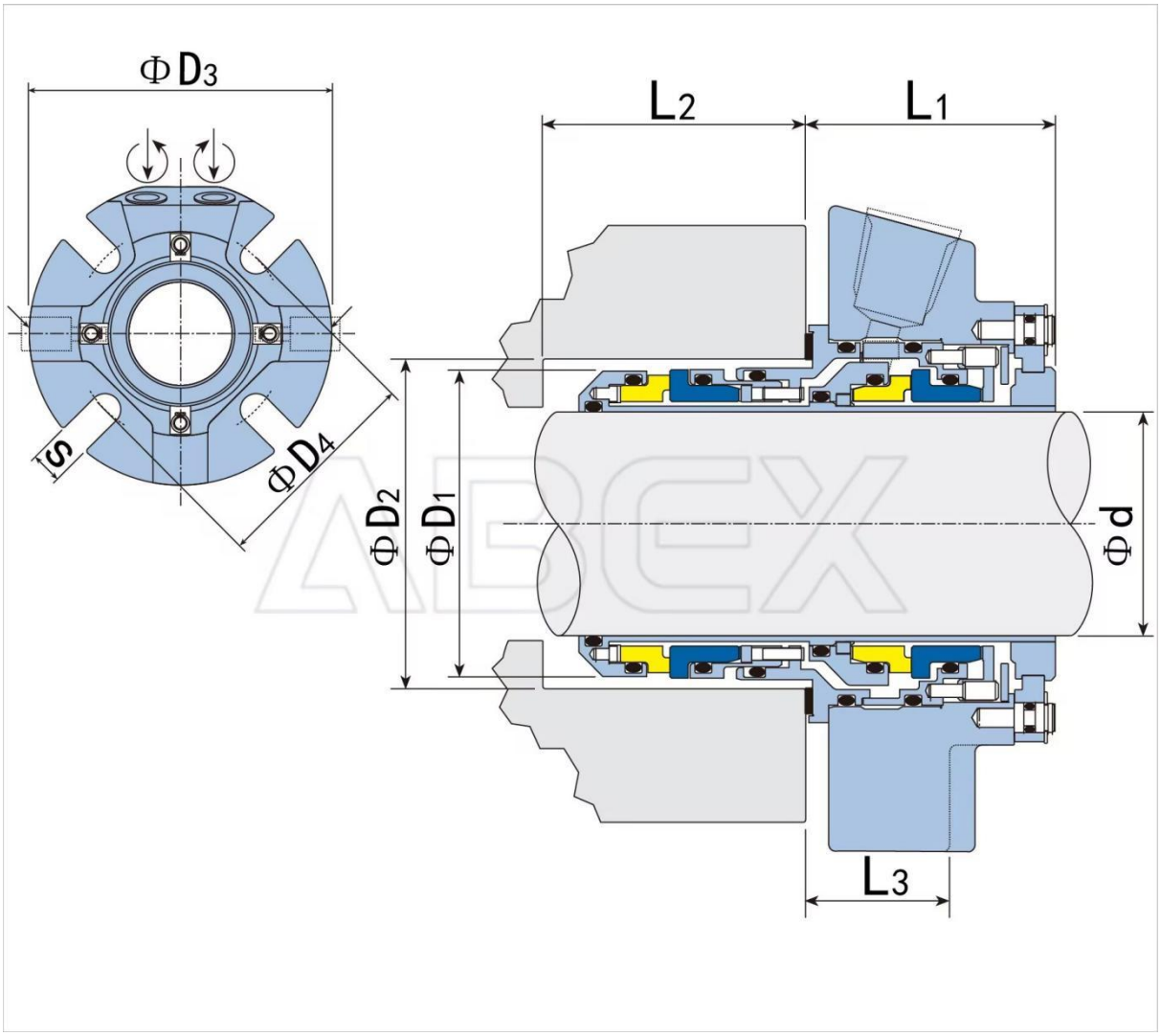
Type:	Single Cartridge Seal
Replacement：	Chesterton S10
Temperature：	-40 to +204℃
Pressure：	≤4.0Mpa
Speed：	≤20m/s
Material：	Q1,Q2,A,B,U1,U2,P,E,V,T,F,G,T2,M5



d	D1	D2		D3	D4 min			L1	L2	L3	S
mm		min	max	max	10mm	12mm	16mm		min		
25	39.9	41	51.1	104	73	*	*	52	13	30.4	11.5
28	42.4	44	51.8	104	73	*	*	52	13	30.4	13.5
30	44.5	46	56.6	104	78	*	*	52	13	30.4	13.5
32	46.5	48	57.7	104	80	*	*	52	13	30.4	13.5
33	47.4	49	58.8	113	80	83	*	52	13	30.4	15
35	49.4	51	59.2	111	82	83.7	*	52	13	30.4	15
38	55.6	57.2	62	114	84	89.9	*	54	13.5	30.4	13.5
40	57.5	60	68.3	127	89.2	91.7	*	54	13.5	30.4	13.5
43	60.5	63	68.8	127	91.9	94.7	*	54	13.5	30.4	13.5
45	62.5	65	73.4	140	94.2	96.8	*	54	13.5	30.4	13.5
48	65.5	68	73.8	140	97	99.8	*	54	13.5	30.4	13.5
50	67.5	70	78.5	140	99.3	101.9	*	54	13.5	30.4	17.5
53	72.5	75	83.6	153	104.4	106.4	112	54	13.5	30.4	17.5
55	72.5	75	83.6	153	104.4	106.4	112	54	13.5	30.4	17.5
60	77.8	80	92.2	153	112.8	114.8	118.9	54	13.5	30.4	17.5
65	84.2	88.9	100.1	164	124	126	129.8	54	13.5	30.4	17.5
					12mm	16mm	20mm				
70	93	95	110	196	137	141	*	63	21	41	17
75	99	104	119	202	143	147	*	63	21	41	17
80	103	109	122	203	150	154	*	63	21	41	17
85	109	114	128	211	152	156	161	63	21	41	20
90	113	119	132	214	160	164	168	63	21	41	20
95	118	124	137	221	161	165	170	63	21	41	20
100	125	129	144	228	168	172	177	63	21	41	20
110	134	137	154	237	178	182	186	63	21	41	20
120	144	146	164	266	187	191	196	63	21	41	20

BXCS0C03(S20)

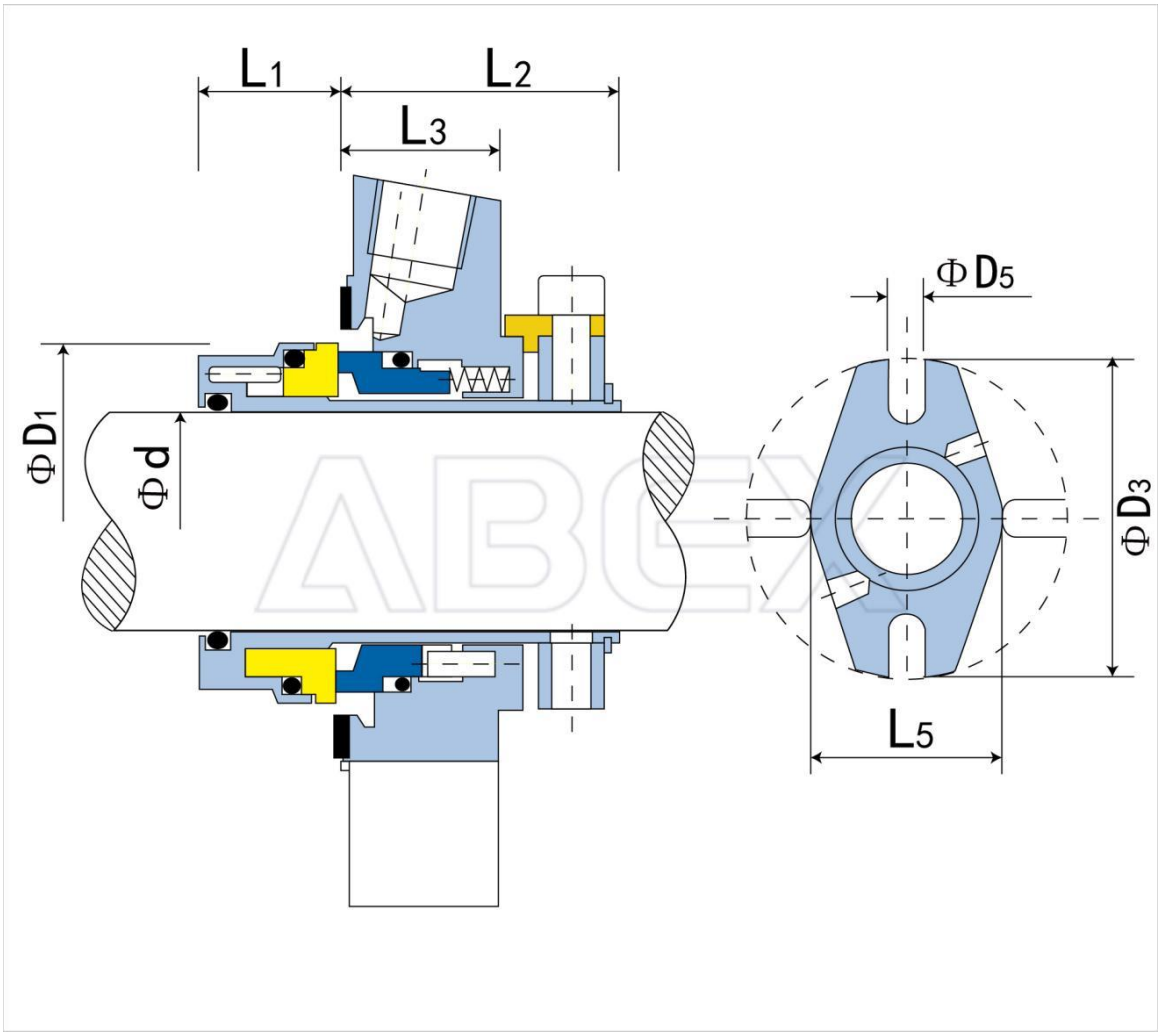
Type：	Double Cartridge Seal
Replacement：	Chesterton S20
Temperature：	-55 to +300℃
Pressure：	≤4.0Mpa
Speed：	≤20m/s
Material：	Q1,Q2,A,B,U1,U2,P,E,V,T,F,G,T2,M5



d	D1	D2		D3	D4 min			L1	L2	L3	S
mm		min	max	max	10mm	12mm	16mm		min		
25	39.9	41	51.1	104	73	*	*	52	48	30.4	11.5
28	42.4	44	51.8	104	73	*	*	52	48	30.4	13.5
30	44.5	46	56.6	104	78	*	*	52	48	30.4	13.5
32	46.5	48	57.7	104	80	*	*	52	48	30.4	13.5
33	47.4	49	58.8	113	80	83	*	52	48	30.4	15
35	49.4	51	59.2	111	82	83.7	*	52	48	30.4	15
38	55.6	57.2	62	114	84	89.9	*	54	50	30.4	13.5
40	57.5	60	68.3	127	89.2	91.7	*	54	50	30.4	13.5
43	60.5	63	68.8	127	91.9	94.7	*	54	50	30.4	13.5
45	62.5	65	73.4	140	94.2	96.8	*	54	50	30.4	13.5
48	65.5	68	73.8	140	97	99.8	*	54	50	30.4	13.5
50	67.5	70	78.5	140	99.3	101.9	*	54	50	30.4	17.5
53	72.5	75	83.6	153	104.4	106.4	112	54	50	30.4	17.5
55	72.5	75	83.6	153	104.4	106.4	112	54	50	30.4	17.5
60	77.8	80	92.2	153	112.8	114.8	118.9	54	50	30.4	17.5
65	84.2	88.9	100.1	164	124	126	129.8	54	50	30.4	17.5
70	93	95	110	196	137	141	*	63	63	41	17
75	99	104	119	202	143	147	*	63	63	30.4	17
80	103	109	122	203	150	154	*	63	63	30.4	17
85	109	114	128	211	152	156	161	63	63	30.4	20
90	113	119	132	214	160	164	168	63	63	30.4	20
95	118	124	137	221	161	165	170	63	63	30.4	20
100	125	129	144	228	168	172	177	63	63	30.4	20
110	134	137	154	237	178	182	186	63	63	30.4	20
120	144	146	164	266	187	191	196	63	63	30.4	20

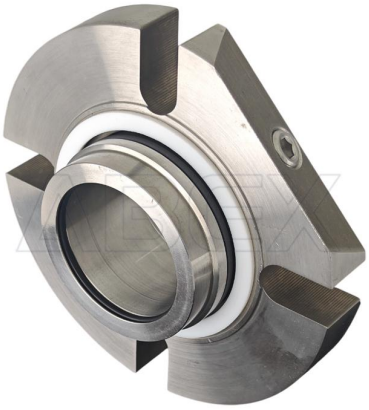
BXCS-D01(270)

Type：	Single Cartridge Seal
Replacement:	DEPAC 270
Temperature：	Elastomer dependent
Pressure：	≤2.80Mpa
Speed：	≤35m/s
Material：	B,Q2,U2,V,E,P,F,G,T6

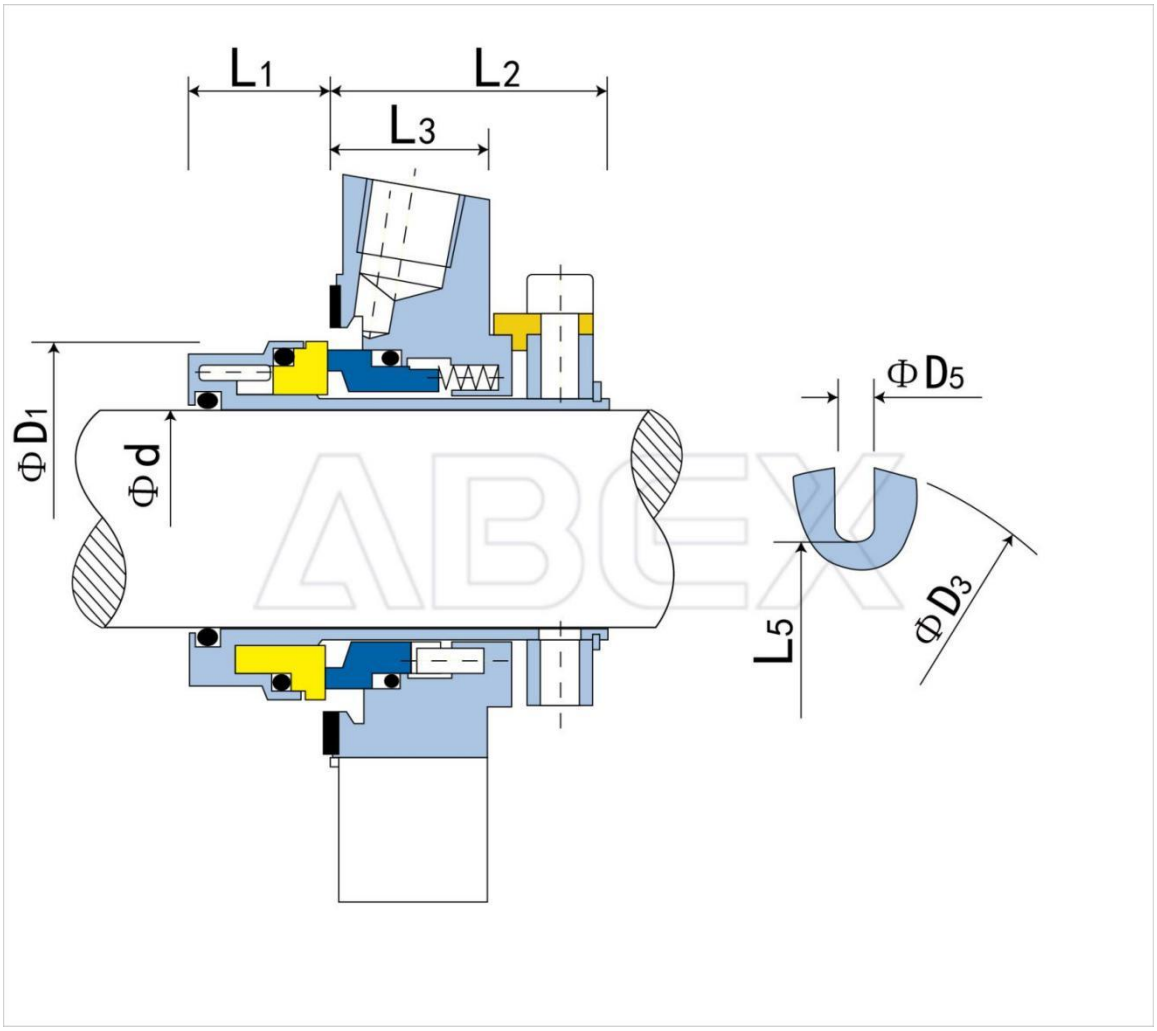


d (mm)	D1	D3	D5	L1	L2	L3	L5
24	43.5	104	12.5	19	38	25	62
25	43.5	104	12.5	19	38	25	62
28	46.5	104	12.5	19	38	25	62
30	48.5	104	12.5	19	38	25	67
32	50.5	104	12.5	19	38	25	67
33	50.5	104	12.5	19	38	25	67
35	53.5	110	12.5	19	38	25	70
38	56.5	125	14.7	19	38	25	75
40	58.5	125	14.7	19	38	25	75
42	60.5	133	14.7	19	38	25	80
43	61.5	133	14.7	19	38	25	80
45	63.5	140	14.7	19	38	25	82
48	66.5	140	14.7	19	38	25	82
50	68.5	140	14.7	19	38	25	87
53	71.5	150	17.5	19	38	25	92
55	73.5	150	17.5	19	38	25	92
60	78.5	160	17.5	19	38	25	100
65	83.5	165	17.5	19	38	25	105
70	88.5	180	17.5	19	38	25	120
75	100	190	17.5	20.5	41.5	30	125
80	105	190	17.5	20.5	41.5	30	130
85	110	220	21.5	20.5	41.5	30	135
90	115	220	21.5	20.5	41.5	30	140
95	120	220	21.5	20.5	41.5	30	145
100	125	220	21.5	20.5	41.5	30	150

BXCS-D02(300)

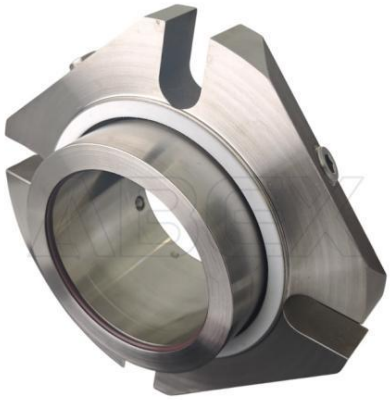


Type：	Single Cartridge Seal
Replacement：	DEPAC 270R
Temperature：	Elastomer dependent
Pressure：	≤2.80Mpa
Speed：	≤35m/s
Material：	Q1，Q2，U2，T，P，M1，F，G，M

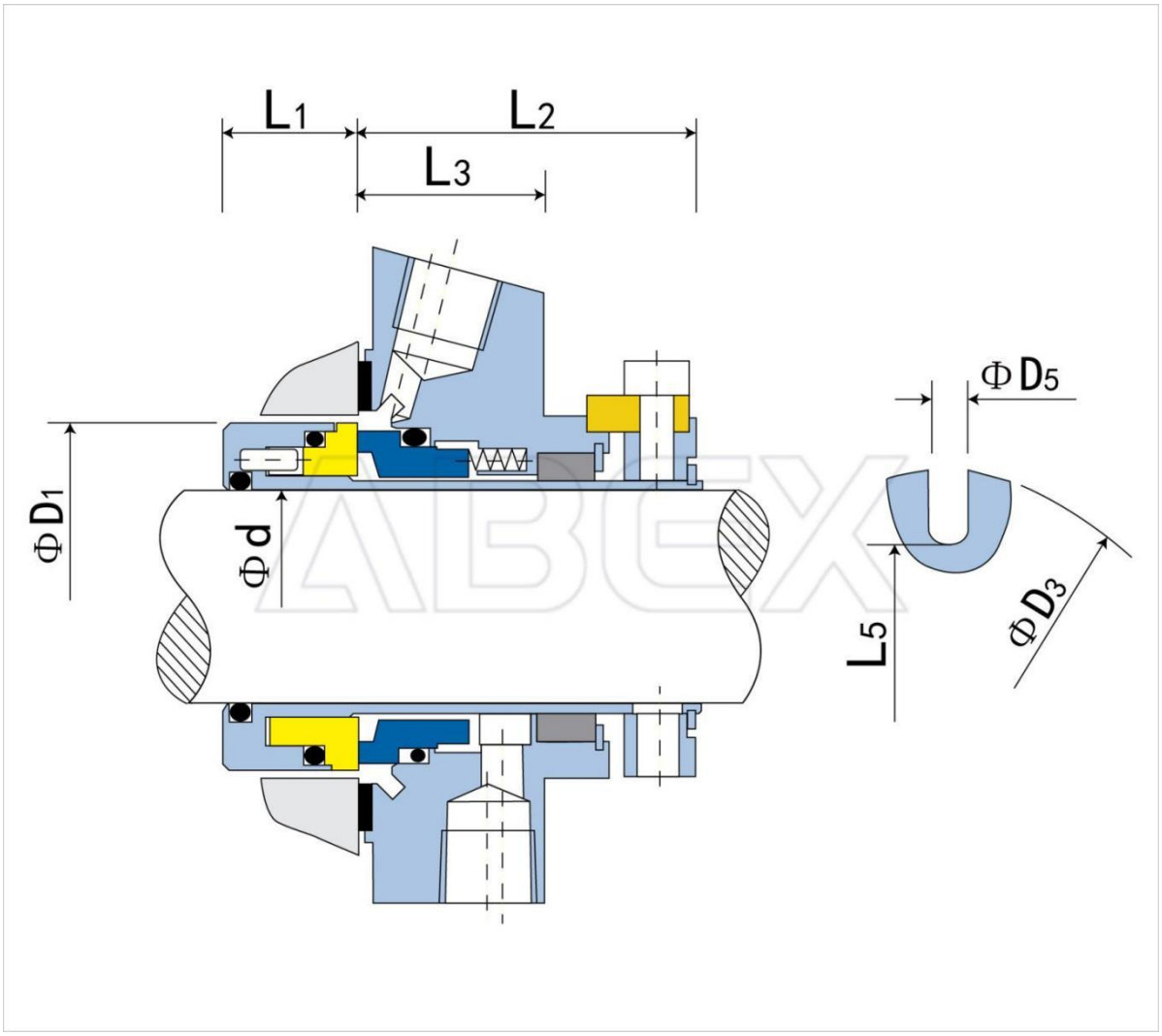


d (mm)	D1	D3	D5	L1	L2	L3	L5
24	43.5	104	12.5	19	38	25	62
25	43.5	104	12.5	19	38	25	62
28	46.5	104	12.5	19	38	25	62
30	48.5	104	12.5	19	38	25	67
32	50.5	104	12.5	19	38	25	67
33	50.5	104	12.5	19	38	25	67
35	53.5	110	12.5	19	38	25	70
38	56.5	125	14.7	19	38	25	75
40	58.5	125	14.7	19	38	25	75
42	60.5	133	14.7	19	38	25	80
43	61.5	133	14.7	19	38	25	80
45	63.5	140	14.7	19	38	25	82
48	66.5	140	14.7	19	38	25	82
50	68.5	140	14.7	19	38	25	87
53	71.5	150	17.5	19	38	25	92
55	73.5	150	17.5	19	38	25	92
60	78.5	160	17.5	19	38	25	100
65	83.5	165	17.5	19	38	25	105
70	88.5	180	17.5	19	38	25	120
75	100	190	17.5	20.5	41.5	30	125
80	105	190	17.5	20.5	41.5	30	130
85	110	220	21.5	20.5	41.5	30	135
90	115	220	21.5	20.5	41.5	30	140
95	120	220	21.5	20.5	41.5	30	145
100	125	220	21.5	20.5	41.5	30	150

BXCS-B03(300Q)



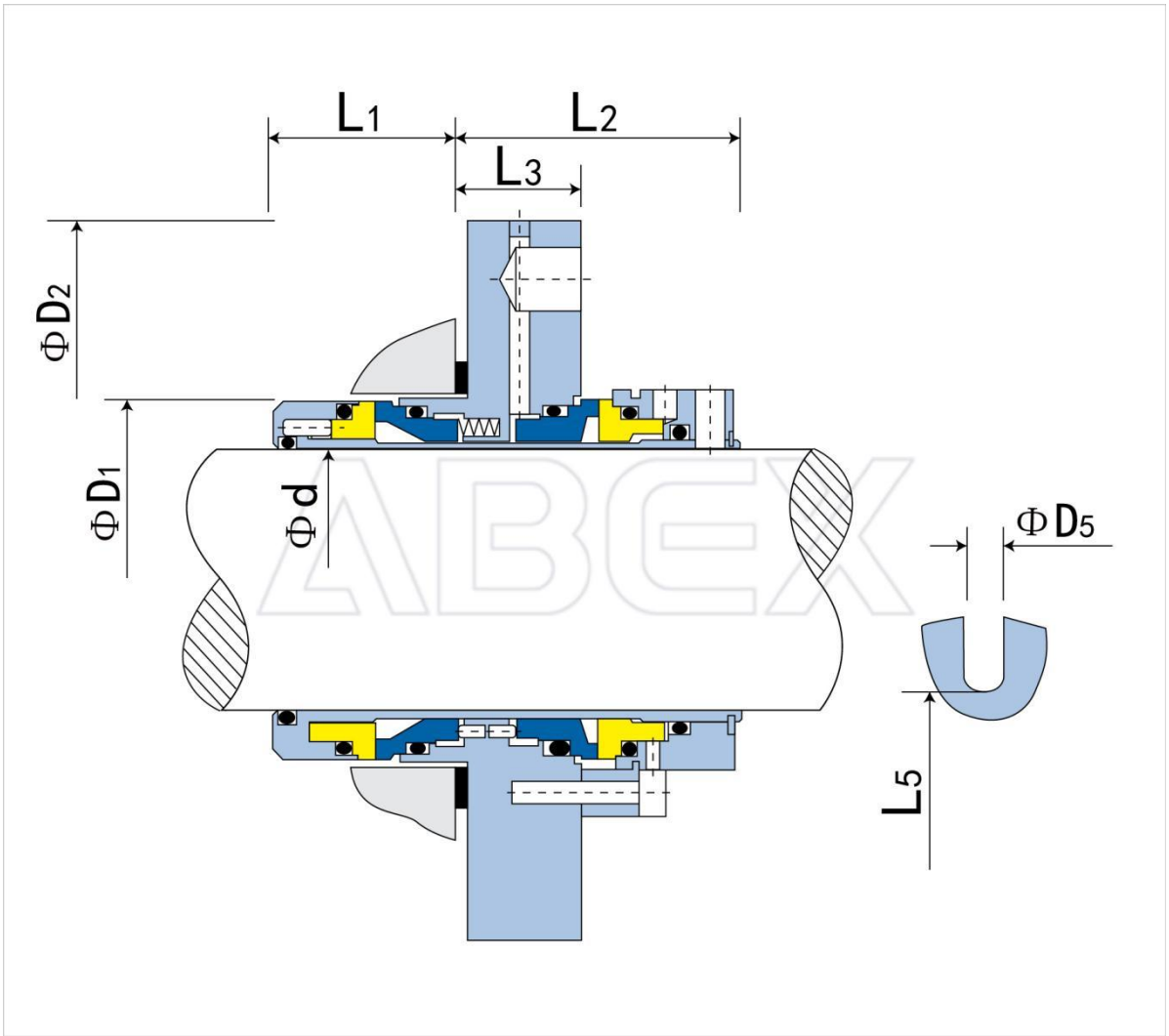
Type：	Single Cartridge Seal
Replacement：	DEPAC 270P
Temperature：	Elastomer dependent
Pressure：	≤2.80Mpa
Speed：	≤35m/s
Material：	Q1，Q2，U2，T，P，M1，F，G，M



d (mm)	D1	D3	D5	L1	L2	L3	L5
24	43.5	104	12.5	19	48	25	62
25	43.5	104	12.5	19	48	25	62
28	46.5	104	12.5	19	48	25	62
30	48.5	104	12.5	19	48	25	67
32	50.5	104	12.5	19	48	25	67
33	50.5	104	12.5	19	48	25	67
35	53.5	110	12.5	19	48	25	70
38	56.5	125	14.7	19	48	25	75
40	58.5	125	14.7	19	48	25	75
42	60.5	133	14.7	19	48	25	80
43	61.5	133	14.7	19	48	25	80
45	63.5	140	14.7	19	48	25	82
48	66.5	140	14.7	19	48	25	82
50	68.5	140	14.7	19	48	25	87
53	71.5	150	17.5	19	48	25	92
55	73.5	150	17.5	19	48	25	92
60	78.5	160	17.5	19	48	25	100
65	83.5	165	17.5	19	48	25	105
70	88.5	180	17.5	19	48	25	120
75	100	190	17.5	20.5	51.5	30	125
80	105	190	17.5	20.5	51.5	30	130
85	110	220	21.5	20.5	51.5	30	135
90	115	220	21.5	20.5	51.5	30	140
95	120	220	21.5	20.5	51.5	30	145
100	125	220	21.5	20.5	51.5	30	150

BXCS-D04(320)

Type：	Double Cartredge Seal
Replacement：	DEPAC 321
Temperature：	Elastomer dependent
Pressure：	≤2.80Mpa
Speed：	≤35m/s
Material：	B，A，Q1，Q2，E，N，V，G



d (mm)	D1	D2	D5	L1	L2	L3	L5
24	44.5	104	12.5	35	54	24	62
25	44.5	104	12.5	35	54	24	62
28	47.5	104	12.5	35	54	24	62
30	49.5	104	12.5	35	54	24	67
32	51.5	104	12.5	35	54	24	67
33	51.5	104	12.5	35	54	24	67
35	54.5	110	12.5	35	54	24	70
38	57.5	125	14.7	35	54	24	75
40	59.5	125	14.7	35	54	24	75
42	61.5	133	14.7	35	54	24	80
43	62.5	133	14.7	35	54	24	80
45	64.5	140	14.7	35	54	24	82
48	67.5	140	14.7	35	54	24	82
50	69.5	140	14.7	35	54	24	87
53	72.5	150	17.5	35	54	24	92
55	74.5	150	17.5	35	54	24	92
60	79.5	160	17.5	35	54	24	100
65	84.5	165	17.5	35	54	24	105
70	89.5	180	17.5	35	54	24	120
75	102	190	17.5	39	58	26	125
80	107	190	17.5	39	58	26	130
85	112	220	21.5	39	58	26	135
90	117	220	21.5	39	58	26	140
95	122	220	21.5	39	58	26	145
100	127	220	21.5	39	58	26	150

BXCS-FS01

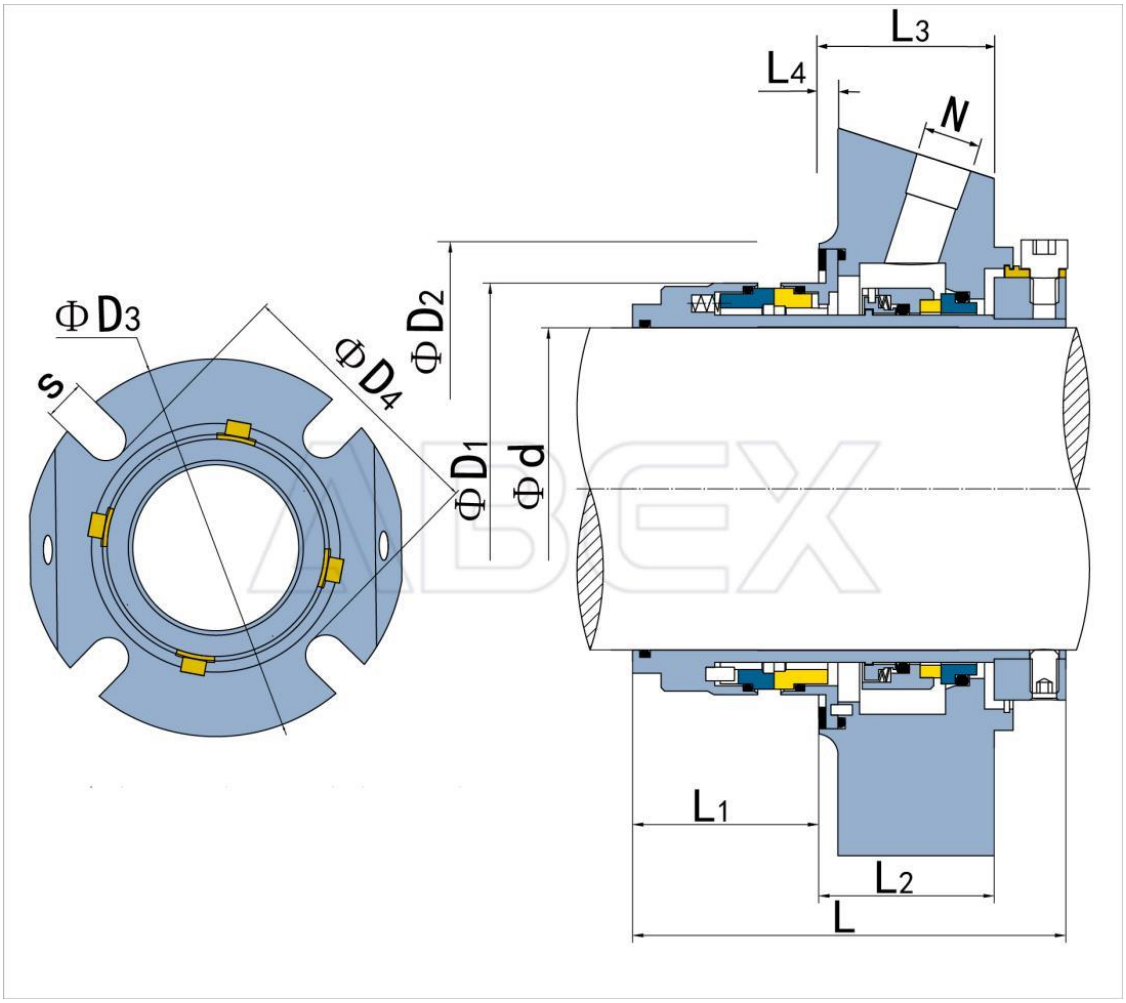
Type：	Xylem Flygt Cartridge seals
Replacement：	Flygt Cartridge Seal For Flygt 3153 2670 5100 Pump Perfect Replacement
Temperature：	-30℃ – 200℃
Pressure：	≤ 1.2MPA
Speed：	≤ 10m/s
Material：	Carbon, SSIC, TC, NBR, EPDM, VITON, stainless steel

Xylem Flygt Cartridge seals

Seal Code	Shaft Sizes	Material	Xylem Flygt Pumps
FS20	20mm	TC/TC-TC/TC/V	2610，2620，2630,2640，4610 & 4620
FS25	25mm	TC/TC-TC/TC/V (aluminum shell)	2660，4630 & 4640
FS35	35mm	TC/TC-TC/TC/V	2670，3153，5100.210，5100.211,5100.220 & 5100.221
FS45	45mm	TC/TC-TC/TC/V	3171，4650，4660，5100.250，5100.251，5100.260 & 5100.261
FS60	60mm	TC/TC-TC/TC/V	3202，4670，4680，5100.300，5100.310，5150.300 & 5150.310
FS90	90mm	TC/TC-TC/TC/V	3301，5150.350 & 5150.360

BXCS-FT01(C2D)

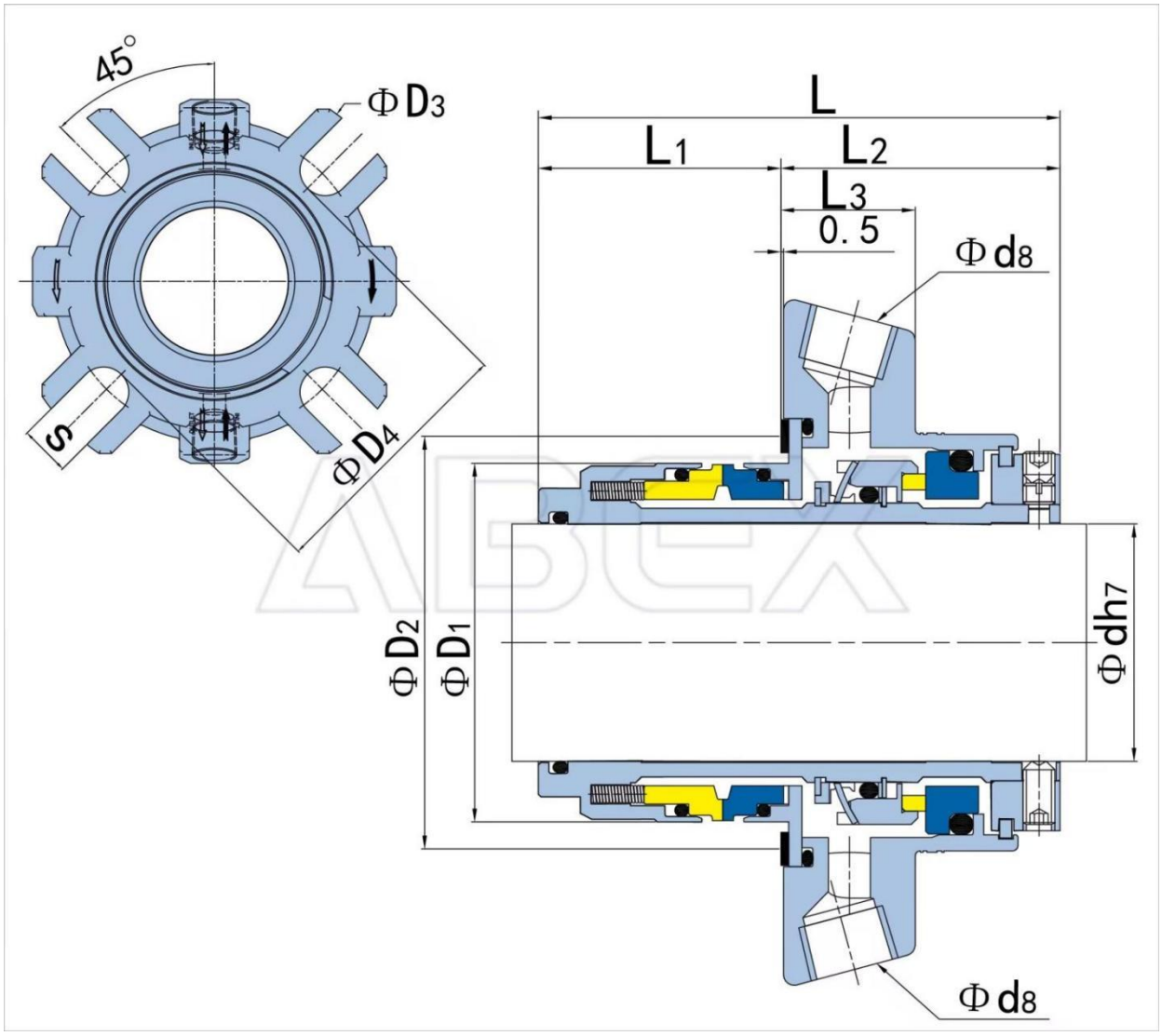
Type：	Double Cartridge Seal,Recommended for high duty service.
Replacement：	Fluiten C2D
Temperature：	-50 to +250℃
Pressure：	≤25 Bar
Speed：	≤12m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M



d (mm)	D1	D2		D3	D4	L	L1	L2	L3	L4	S	N
		min	max									
25	43	44	51	98	63	94	44.5	49.5	33.5	6	12	1/4″
28	46	47	52	98	28	94	44.5	49.5	33.5	6	12	1/4″
30	48	49	56	98	65	94	44.5	49.5	33.5	6	12	1/4″
32	50	51	57	106	67	94	44.5	49.5	33.5	6	12	1/4″
33	53	54	61.5	106	71	97.5	44.5	53	36	6	12	1/4″
35	53	54	61.5	106	71	97.5	44.5	53	36	6	12	1/4″
38	56	57	66	120	76	98.5	44.5	54	37	6	12	1/4″
40	58	59	68	120	76	98.5	44.5	54	37	6	12	1/4″
43	61	62	70.5	130	81	98.5	44.5	54	37	6	12	1/4″
45	63	64	73	135	81	98.5	44.5	54	37	6	12	1/4″
48	66	67	75	135	87	98.5	44.5	54	37	6	12	1/4″
50	68	69	78	148	87	100.5	44.5	56	39	6	12	1/4″
55	73	74	83	148	95	102	44.5	57.5	40	6	18	1/4″
60	78	79	91	158	102	102	44.5	57.5	40	6	18	3/8″
65	83	84.5	98.5	163	112	102	44.5	57.5	40	6	18	3/8″
70	93	95	108	178	125	107	44.5	62.5	45	6	18	3/8″
75	98	100	113	185	130	107	44.5	62.5	45	6	18	3/8″
80	105	107	118	193	135	121	52	69	49	6	18	3/8″
85	110	113	123	198	140	121	52	69	49	6	22	3/8″
90	115	118	130	205	145	121	52	69	49	6	22	3/8″
95	121	124	135	209	150	123	54	69	49	6	22	3/8″
100	126	129	140	218	155	123	54	69	49	6	22	3/8″

BXCS-FT02(CB3D)

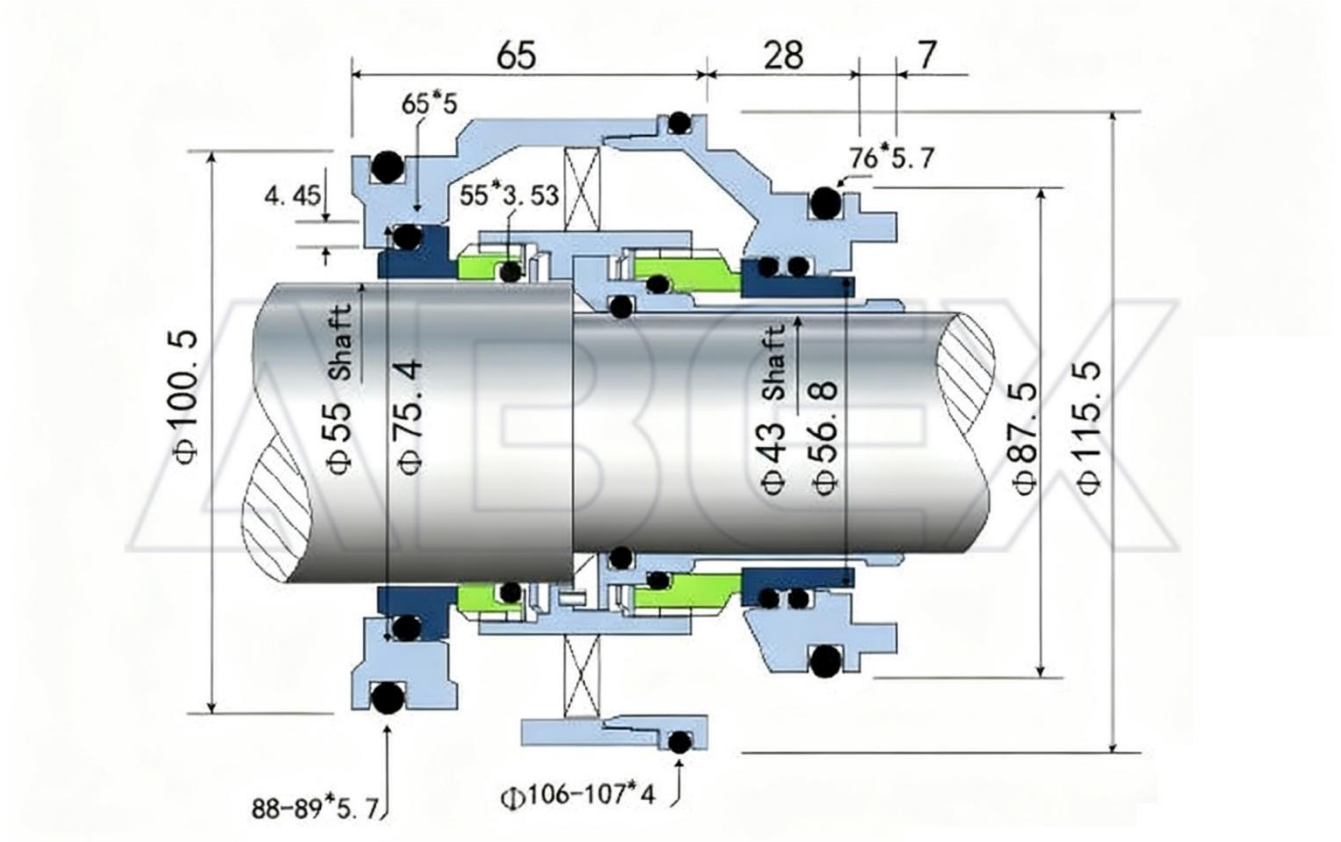
Type：	Double Cartridge Seal
Replacement：	Fluiten CB3D
Temperature：	-50 to +250℃
Pressure：	25 Bar
Speed：	≤12m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M



d	D1	D2		D3	G	L	L1	L2	L3	S	d8
mm		min	max								
20	43	44	51	98	63	96	46	50	25.5	14	1/4″
22	46	47	52	98	63	96	46	50	25.5	14	1/4″
25	48	49	56	98	65	96	46	50	25.5	14	1/4″
28	50	51	57	106	67	96	46	50	25.5	14	1/4″
30	53	54	61.5	106	72	97	46	51	25.5	14	1/4″
32	56	57	66	120	76	98	46	52	25.5	14	1/4″
33	56	57	66	120	76	98	46	52	25.5	14	1/4″
35	58	59	68	120	76	98	46	52	25.5	14	1/4″
38	61	62	70.5	127	81	98	46	52	25.5	14	1/4″
40	63	64	73	135	81	98	46	52	25.5	14	3/8″
43	66	67	75	135	87	98	46	52	25.5	14	1/4″
45	68	69	78	148	87	99	46	53	25.5	14	3/8″
48	73	74	83	148	94	99	46	53	25.5	18	3/8″
50	73	74	83	148	94	99	46	53	25.5	18	3/8″
53	78	79	91	158	102	99.5	46	53.5	25.5	18	3/8″
55	78	79	91	158	102	99.5	46	53.5	25.5	18	3/8″
58	83	84.5	98.5	163	112	99.5	46	53.5	25.5	18	3/8″
60	83	84.5	98.5	163	112	99.5	46	53.5	25.5	18	3/8″
63	93	95	108	178	125	99.5	46	53.5	25.5	18	3/8″
65	93	95	108	178	125	99.5	46	53.5	25.5	18	3/8″
68	98	100	113	185	130	106	46	60	28.5	18	3/8″
70	105	107	118	193	135	115.5	52	63.5	28.5	18	3/8″
75	110	113	123	198	140	115.5	52	63.5	28.5	22	3/8″
80	115	118	130	205	145	115.5	52	63.5	28.5	22	3/8″
85	121	124	135	208	150	117.5	54	63.5	28.5	22	3/8″
90	126	129	140	218	155	117.5	54	63.5	28.5	22	3/8″

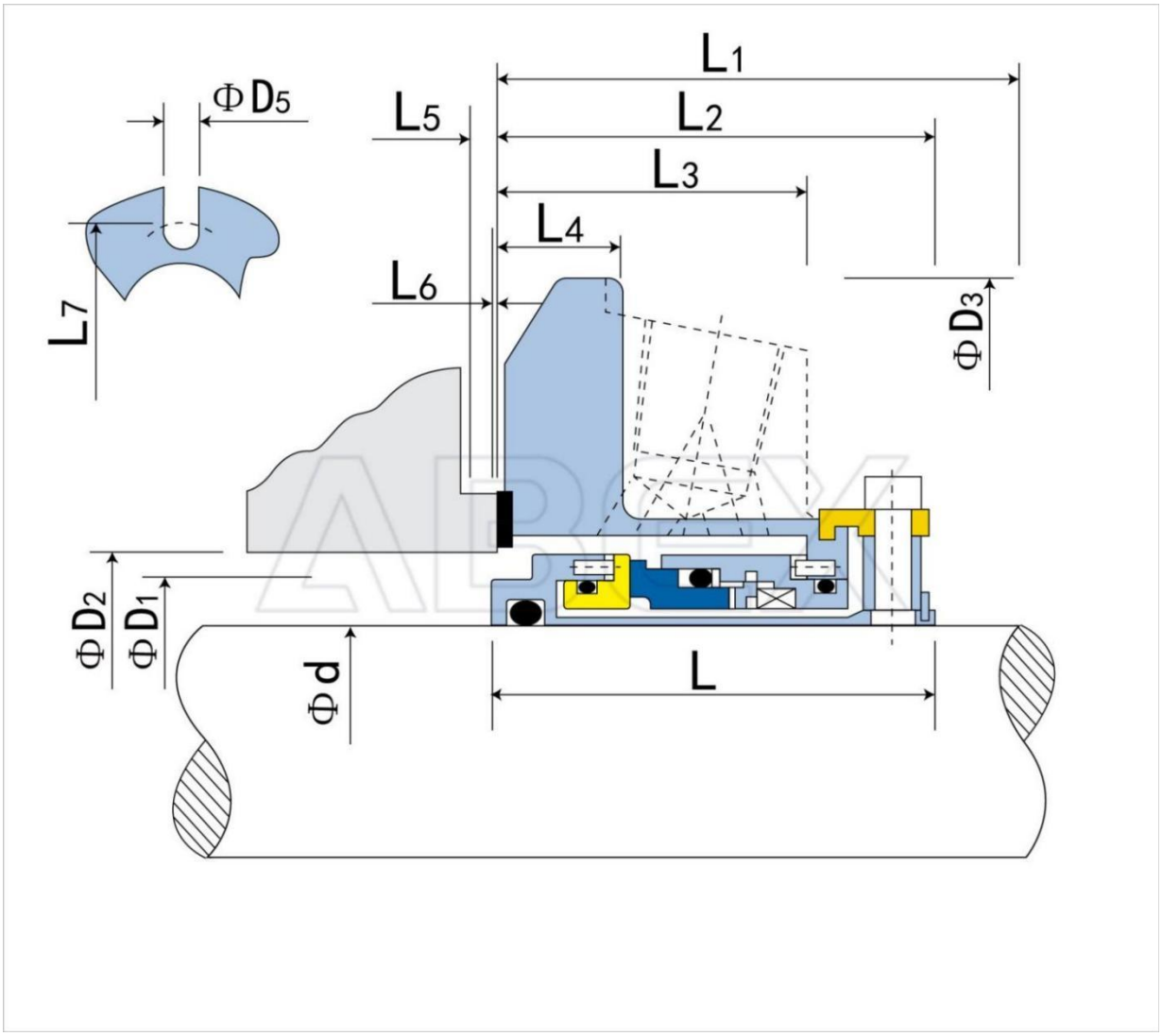
BXCS-GLF01

Type：	Grundfos Sarlin Cartridge Seal
Replacement：	Suit for Grundfos SL1 Frame A pumps
Temperature：	-20 to +160℃
Pressure：	≤1.4Mpa
Speed：	≤10m/s
Material：	A.B,Q1,Q2,P,E,V,F,G



BXCS-J01(5610/5610Q)

Type：	Single Cartridge Seal
Replacement：	John Crane 5610/5610Q
Temperature：	205°C
Pressure：	21 bar
Speed：	25m/s
Material：	B,A,Q1,Q2,T,V,K,F,G,M

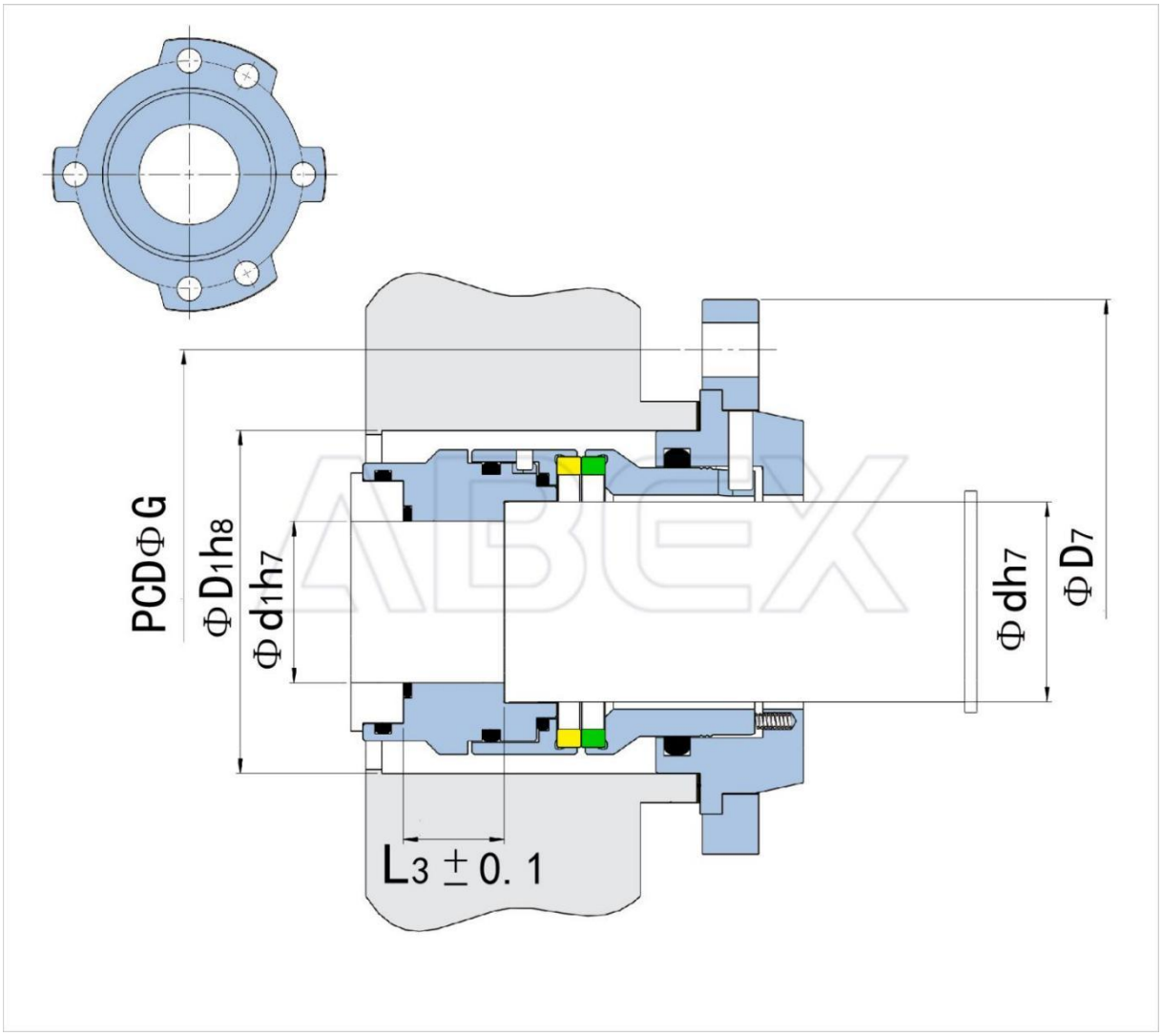


d	D1	D2		D3	D5	L	L1	L2	L3	L4	L5	L6	L7
(mm)		Min	max										
24	34.9	36.7	48	101.6	13.3	50.5	50.8	49.6	34.4	13.5	4	0.9	71.2
25	34.9	36.7	48	101.6	13.3	50.5	50.8	49.6	34.4	13.5	4	0.9	71.2
28	38.1	*	51.2	104.8	13.3	52.4	54	52.4	36.7	13.5	3.2	*	74.6
30	40	*	56.5	108	13.3	52.4	54	52.4	36.7	13.5	3.2	*	79.9
32	41.3	*	58.3	108	13.3	52.4	54	52.4	36.7	13.5	3.2	*	81.6
33	44.5	*	61.5	111.1	13.3	52.4	54	52.4	36.7	13.5	3.2	*	84.8
35	44.5	*	61.5	111.1	13.3	52.4	54	52.4	36.7	13.5	3.2	*	84.8
38	49.2	51	68.1	123.8	13.3	54.8	55.5	54	37.8	15.1	4	0.8	91.4
40	52.4	54.2	71.4	127	14.3	54.8	55.5	54	37.8	15.1	4	0.8	96.7
43	55.1	56.9	74.1	133.4	14.3	54.8	55.5	54	37.8	15.1	4	0.8	98.4
45	55.1	56.9	74.1	133.4	14.3	54.8	55.5	54	37.8	15.1	4	0.8	98.4
48	58.7	60.5	74.1	133.4	14.3	54.8	55.5	54	37.8	15.1	4	0.8	98.4
50	61.9	63.7	76.6	139.7	14.3	60.3	60.3	58.7	40.7	27	4.7	1.6	101.6
53	65.1	66.9	85.3	148.8	17.4	60.3	60.3	58.7	40.7	15.1	4.7	1.6	113.5
55	66.7	75	85.3	148.8	17.4	60.3	60.3	58.7	40.7	15.1	4.7	1.6	113.5
58	68.2	70	88.5	165.1	17.4	60.3	60.3	58.7	40.7	15.1	4.7	1.6	116
60	71.4	73.2	91.7	165.1	17.4	63.1	64.2	62.6	43.6	15.9	3.6	0.5	119.9
63	77.8	*	98.8	171.5	17.4	63.1	66.7	65.1	43.6	15.9	3.2	*	127
65	77.8	*	98.8	171.5	17.4	63.1	66.7	65.1	43.6	15.9	3.2	*	127
68	84.1	*	103.2	171.5	17.4	63.1	65.1	63.5	41.3	15.9	3.2	*	131.3
70	84.1	*	103.2	171.5	17.4	63.1	65.1	63.5	41.3	15.9	3.2	*	131.3
75	92.1	*	113.5	196.9	20.6	63.1	66.7	65.1	45.4	17.4	3.2	1.3	145.3
80	95.3	97.9	116.8	188.9	20.6	65.1	66.9	63.8	40.5	*	4.5	*	148.4
85	101.6	104.8	123.2	206.4	20.6	65.1	68.3	65.1	40.5	*	3.2	*	154.5
90	107.1	110.3	129.5	212.7	17.4	65.1	68.3	65.1	40.5	*	3.2	*	158.8

d	D1	D2		D3	D5	L	L1	L2	L3	L4	L5	L6	L7
(mm)		Min	max										
95	110.3	113.5	132.1	222.3	17.4	65.1	68.3	65.1	40.5	*	3.2	*	172
100	116.7	119.8	139.7	228.6	20.6	65.1	68.3	65.1	40.5	*	3.2	*	171.7
105	119.8	123	142.9	228.6	20.6	65.1	68.3	65.1	40.5	*	3.2	*	174.9
110	129.4	132.5	152.4	241.3	20.6	65.1	68.3	65.1	40.5	*	3.2	*	184.4
115	129.4	132.5	152.4	241.3	20.6	65.1	68.3	65.1	40.5	*	3.2	*	184.4
120	135.7	138.9	160.4	263.5	20.6	65.1	68.3	65.1	40.5	*	3.2	*	192.4
125	148.4	151.6	184.4	304.8	20.6	75	80.5	77.3	44.4	*	3.2	*	254
130	154.8	157.9	190.8	311.2	20.6	75	80.5	77.3	44.4	*	3.2	*	260
135	161.1	164.3	203.2	322.3	23.8	75	80.5	77.3	44.4	*	3.2	*	265.7
140	161.1	164.3	203.2	322.3	23.8	75	80.5	77.3	44.4	*	3.2	*	265.7

BXCS-J07(TB1)

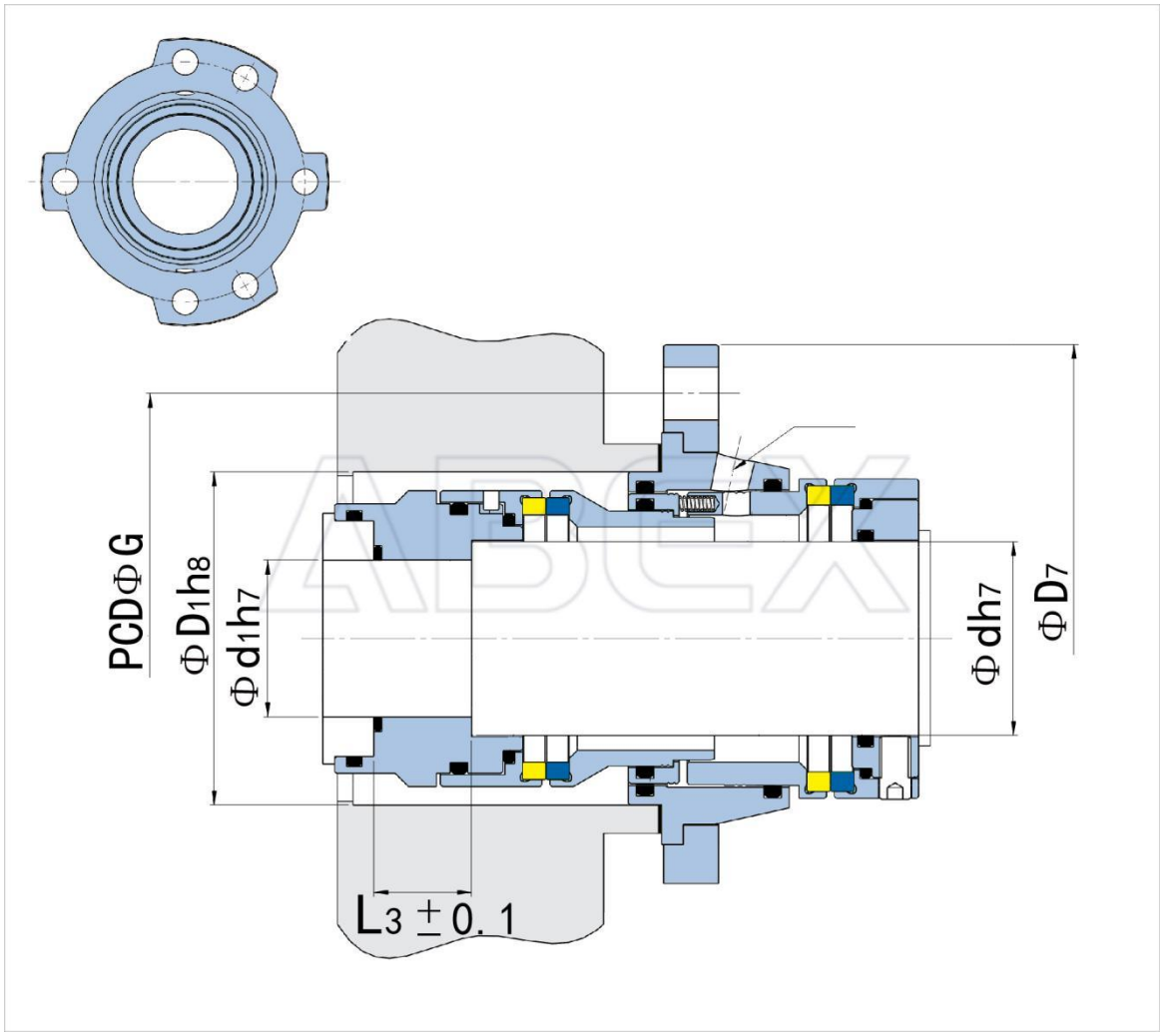
Type：	Cartridge Seal
Replacement：	John Crane TB1
Temperature：	-20ºC~120ºC
Pressure：	0~15 Bar
Speed：	20 M/S
Material：	See describe



d mm	d1	D1	D7	G	L3
30	23	60	115	95	20
40	30	70	127	105	20
50	40	85	150	125	25
60	45	95	160	135	25
80	65	122	200	170	30

BXCS-J08(TB2)

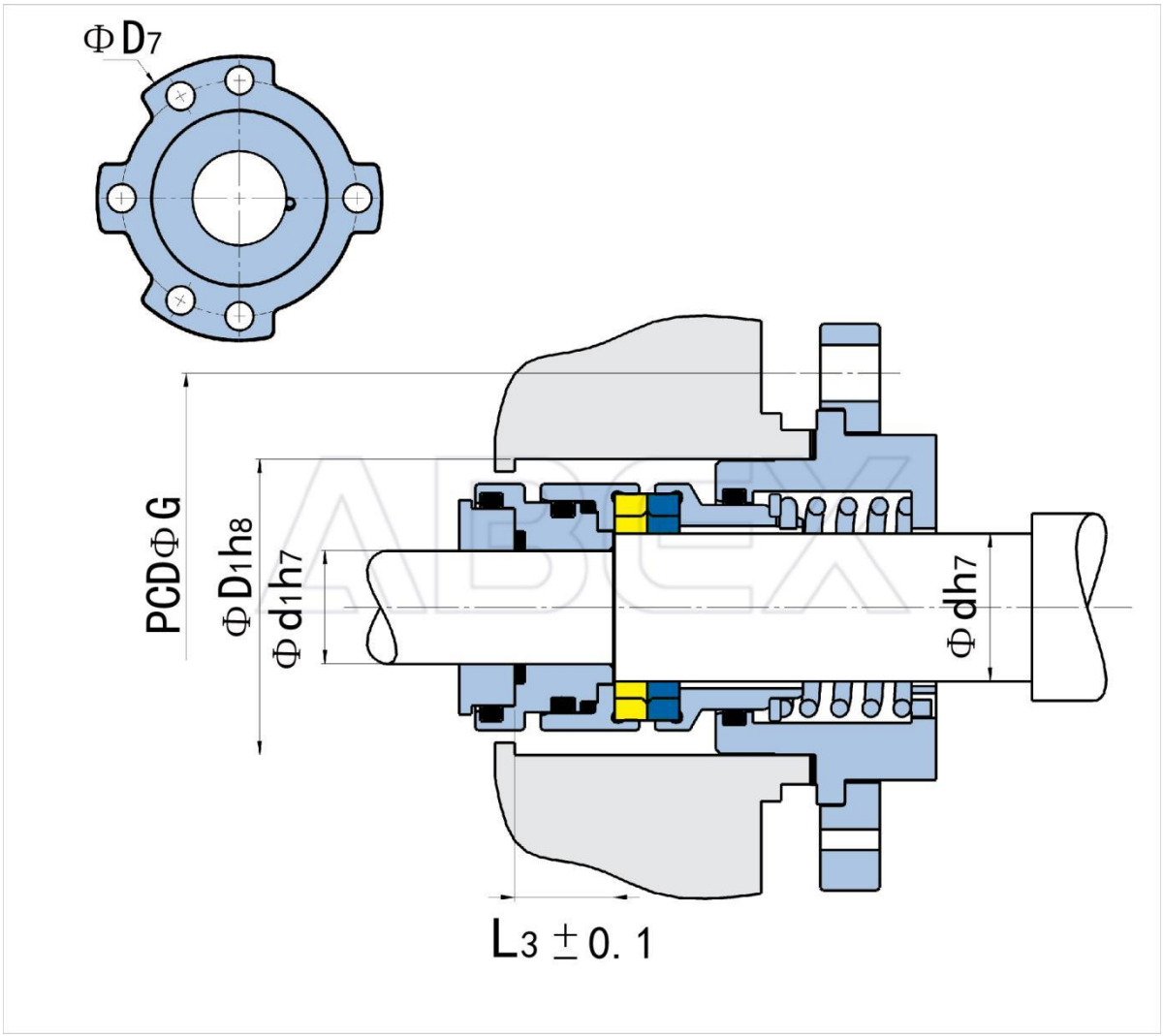
Type：	Cartridge Seal
Replacement：	John Crane TB2
Temperature：	-20°C~ +180°C.
Pressure：	0~20Bar.
Speed：	20m/s.
Material：	See describe



d mm	d1	D1	D7	G	L3
30	23	60	115	95	20
40	30	70	127	105	20
50	40	85	150	125	25
60	45	95	160	135	25
80	65	122	200	170	30

BXCS-J09(SE1)

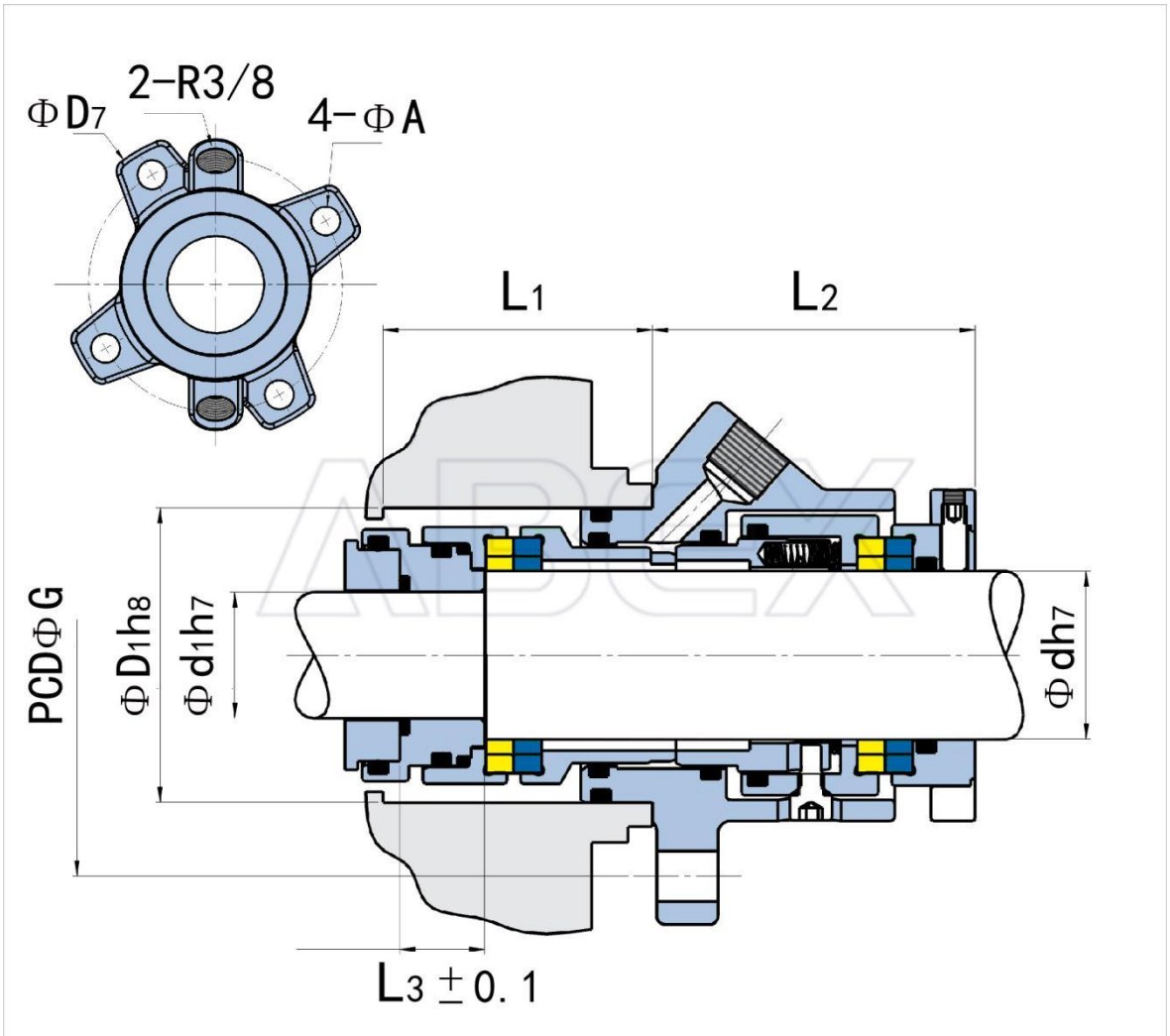
Type：	Cartridge Seal
Replacement：	John Crane SE1
Temperature：	-40°C~ +300°C.
Pressure：	25Bar.
Speed：	25m/s
Material：	See describe



d mm	d1	D1	D7	G	L3
30	23	60	115	95	20
40	30	70	127	105	20
50	40	85	150	125	25
60	45	95	160	135	25
80	65	122	200	170	30
90	75	132	210	180	30

BXCS-J10(SE2)

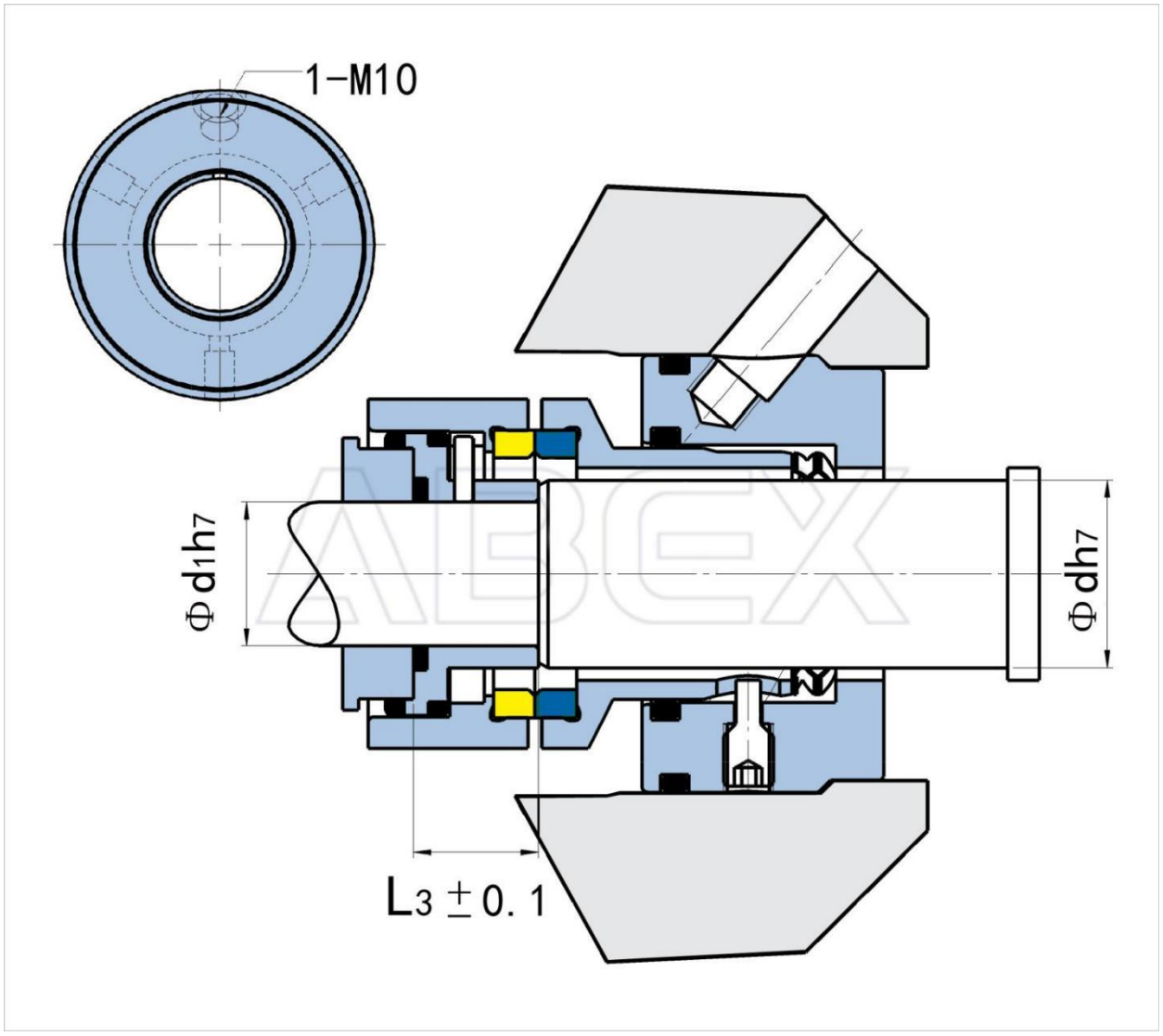
Type：	Double Cartridge Seal,Suit Sulzer APP2 Process Pumps
Replacement：	Crane SE2 Series
Temperature：	-40 to +180℃
Pressure：	≤1.5Mpa
Speed：	≤30m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M



d mm	d1	D1	D7	G	L1	L2	L3	A
30	23	60	115	95	64	64.5	20	12
40	30	70	127	105	64	76	20	12
50	40	85	150	125	78	66	25	14
60	45	95	160	135	78	107	25	14
80	65	122	200	170	102	102	30	17.5
90	75	132	210	180	102	102	30	17.5

BXCS-J11(JCS1)

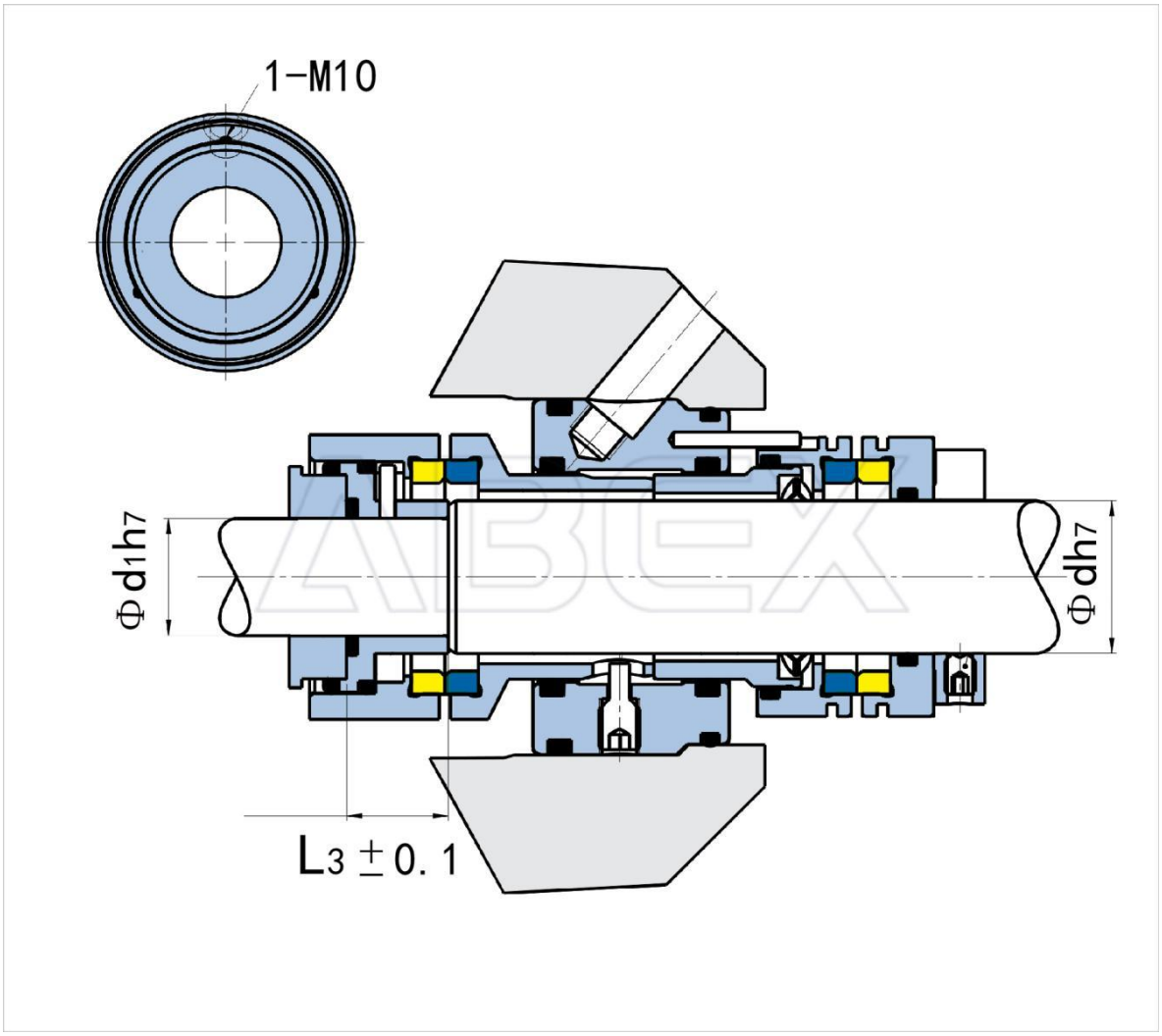
Type：	Single Mechanical Seal for Sulzer® Ahlstar Pumps
Replacement：	John Crane JCS1
Temperature：	-20ºC~90ºC
Pressure：	0~15Bar
Speed：	up to 20m/s
Material：	See discribe



d mm	d1	L3
30	23	20
40	30	20
50	40	25
60	45	25
80	65	30

BXCS-J12(JCS2)

Type：	Double Cartridge Seal
Replacement：	Crane JCS2， Suit Andritz SP series Pump
Temperature：	-40 to +180℃
Pressure：	≤15Mpa
Speed：	≤15m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M

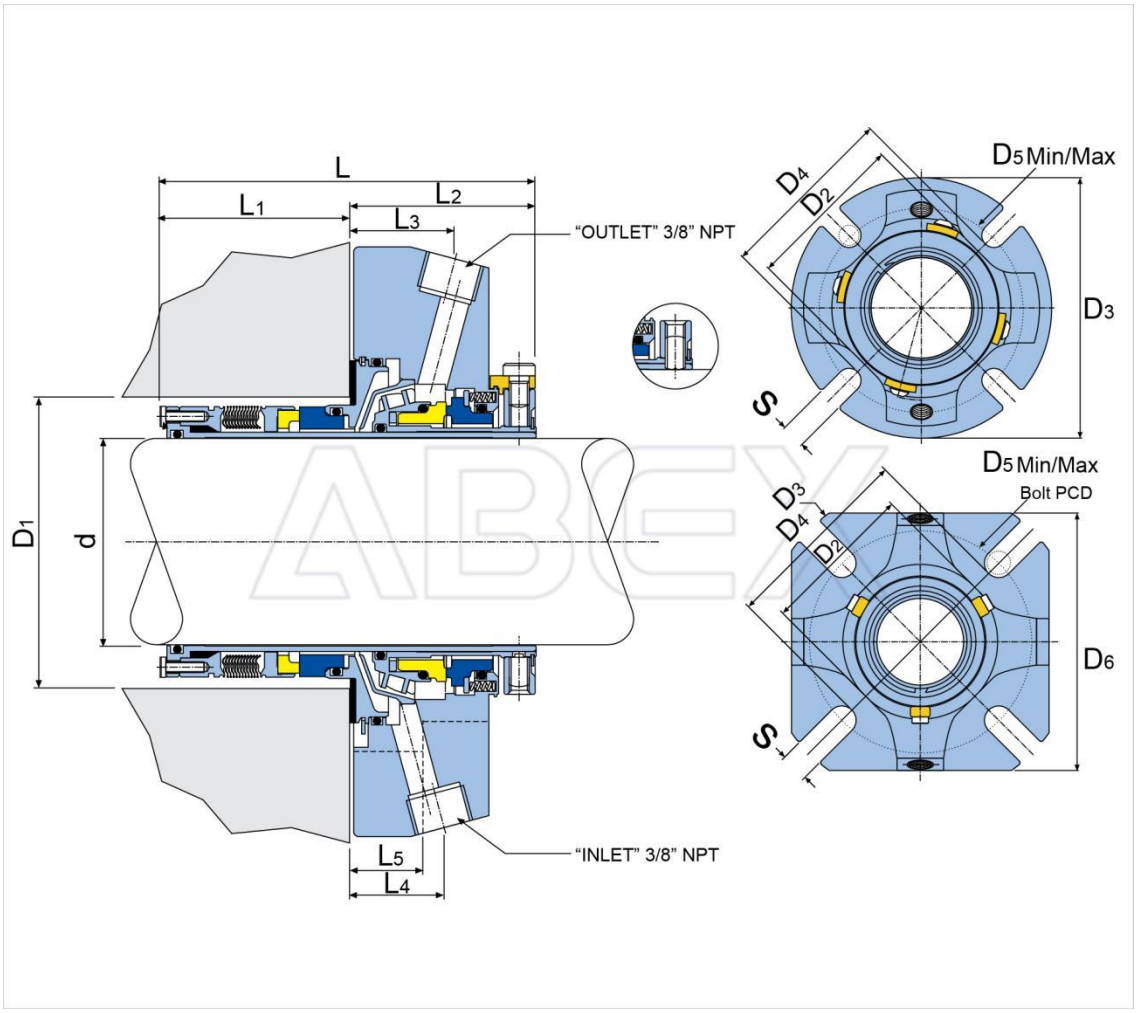


d mm	d1	L3
30	23	20
40	30	20
50	40	25
60	45	25
80	65	30

Metal Bellow Seals

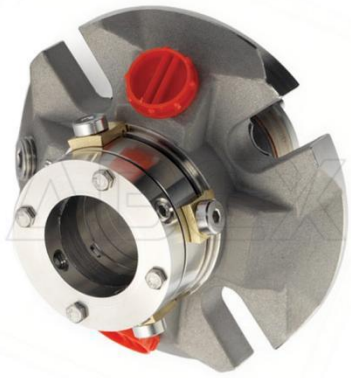
BXMB-A01(BDFI)

Type：	Metal Bellow Double Seal
Replacement：	AES BDFI
Temperature：	-30℃ to +204℃
Pressure：	≤2.0Mpa
Speed：	≤20m/s
Material：	A,B,Q1,Q2,U1,U2,T,Graphite,V,G,F,M,T6

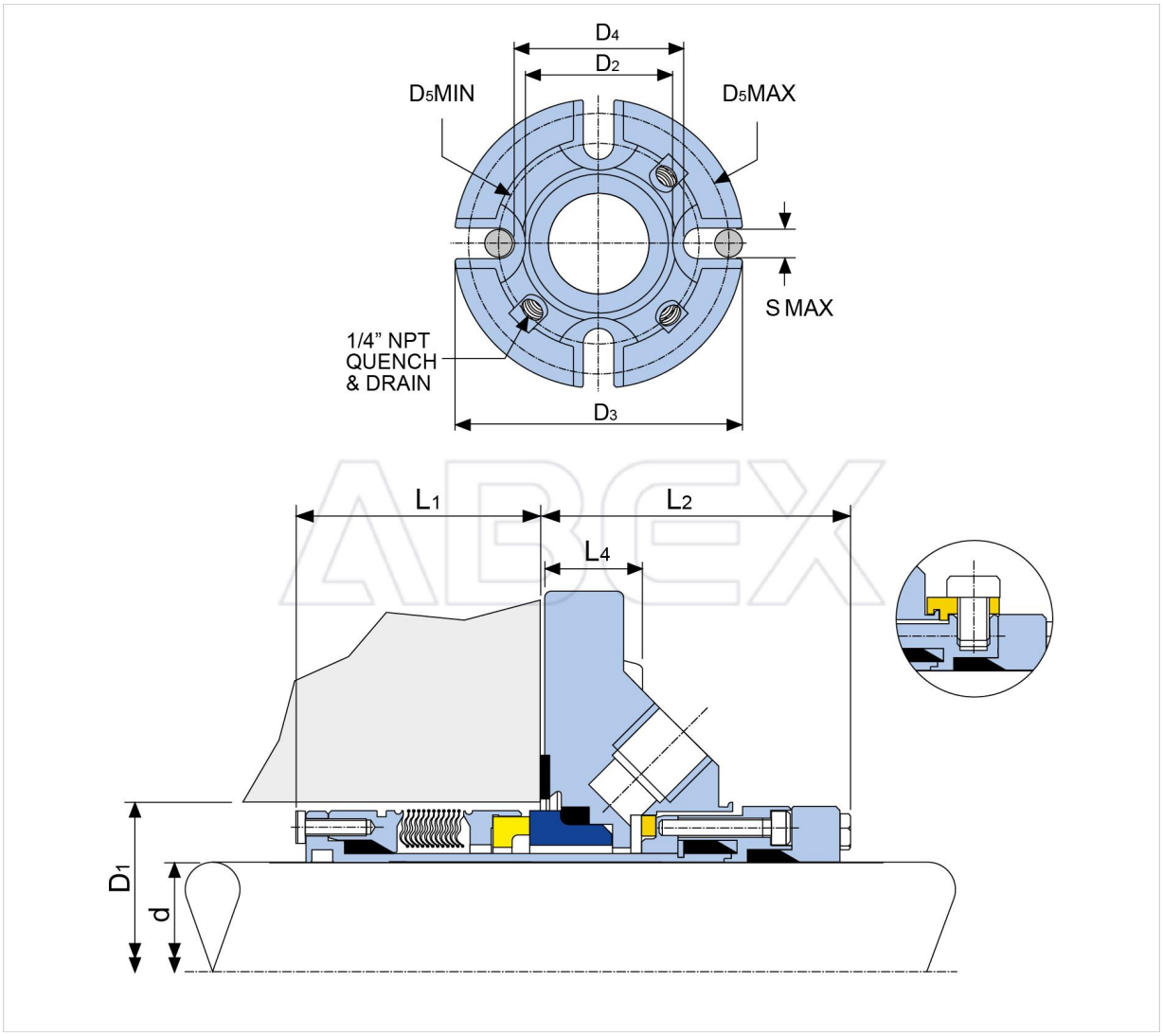


d	D1		D2	D3	D4	L	L1	L2	L3	L4	L5	S	nominal Bolt size	Bolt PCD	
	min	max												min	max
28	44	52	57.2	111.1	62.2	100.8	48.4	52.4	28.6	20.6	19.1	14	M12	76.2	97.1
35	51	60.3	67	104.1	71.8	100.8	48.4	52.4	28.6	20.6	19.1	11	M12	85.8	90.1
45	63.5	73	75.7	139.1	83.8	106.7	53.6	53.1	33	31.5	19.1	14	M12	97.8	125.1
55	74	90.5	86.6	150	100.3	108.7	55.6	53.1	29	25.3	22.2	17.5	M16	117.8	132.5
60	79.4	95	94.4	170.8	108.7	108.7	55.6	53.1	29.7	26.5	19.1	17.5	M16	126.2	153.3
63	85.8	95	94.4	170.8	108.7	114.9	61.8	53.1	33	31.5	19.1	17.5	M16	126.2	153.3
65	88.9	98	98.3	180.3	111.9	114.9	61.8	53.1	33	31.5	19.1	17.5	M16	129.4	162.8
1.125	1.75	2.062	2.25	4.375	2.449	3.97	1.908	2.062	1.125	0.812	0.75	0.551	0.5	3	3.824
1.375	2	2.375	2.638	4.1	2.827	3.97	1.908	2.062	1.125	0.812	0.75	0.433	0.5	3.378	3.549
1.75	2.5	2.875	2.982	5.475	3.297	4.2	2.109	2.091	1.299	1.24	0.75	0.551	0.5	3.848	4.924
1.875	2.625	3	3.108	5.906	3.45	4.2	2.109	2.091	1.299	1.24	0.75	0.689	0.625	4.139	5.217
1.875	2.625	2.875	3.025	4.875	3.325	4.2	2.109	2.091	1.15	1.15	0.8	0.472	0.375	3.797	4.403
2.125	2.875	3.562	3.408	5.906	3.95	4.28	2.189	2.091	1.14	0.995	0.875	0.689	0.625	4.639	5.217
2.375	3.125	3.75	3.716	6.725	4.28	4.28	2.189	2.091	1.17	1.043	0.75	0.689	0.625	4.969	6.036
2.5	3.375	3.75	3.716	6.725	4.28	4.525	2.434	2.091	1.299	1.24	0.75	0.689	0.625	4.969	6.036
2.625	3.5	3.875	3.871	7.1	4.405	4.525	2.434	2.091	1.299	1.24	0.75	0.689	0.625	5.094	6.411

BXMB-A02(BSFG)



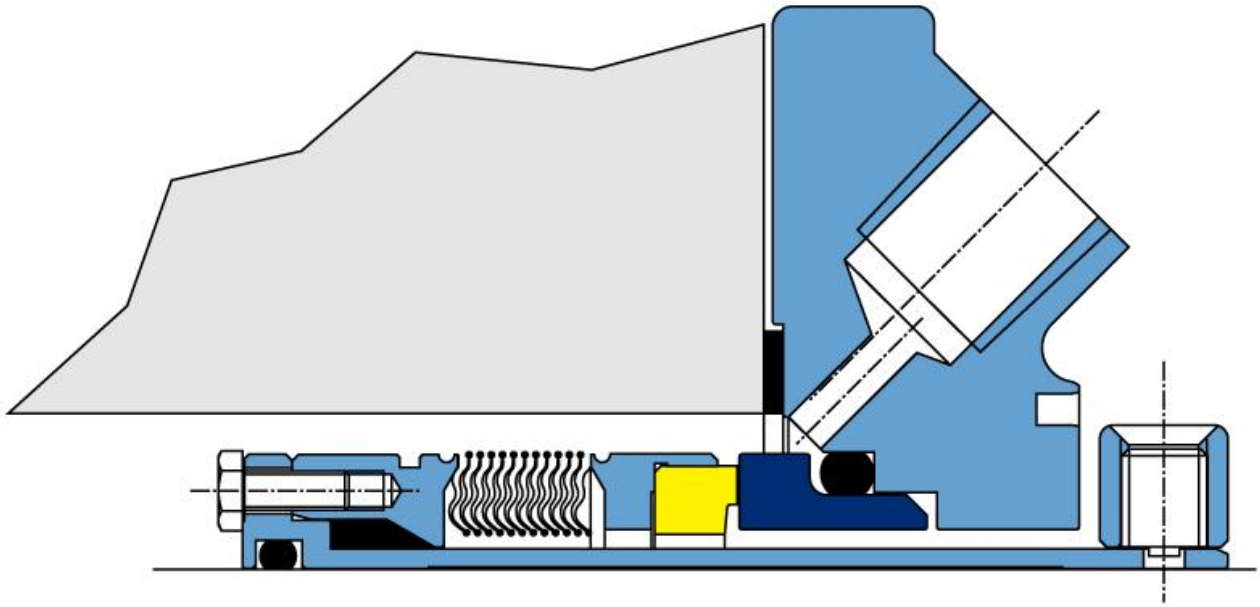
Type：	Metal Bellow Single Seal
Replacement：	AES BSFG
Temperature：	-30℃ to +204℃
Pressure：	≤2.0Mpa
Speed：	≤20m/s
Material：	A,B,Q1,Q2,U1,U2,T,Graphite,V,G,F,M,T6



d	D1		D2	D3	D4	D5		L1	L2	L4	S
mm	min	max				min	max				max
24	41	49	49.2	104.8	54	67	90.5	38.1	52.3	13.2	12
25	41	49	49.2	104.8	54	67	90.5	38.1	52.3	13.2	12
28	44	52.3	52.4	108	57.2	70.3	93.6	38.1	52.3	13.2	12
30	46	55.5	55.6	111	60.4	73.5	96.8	38.1	52.3	13.2	12
32	49	55.5	55.6	111	60.4	73.5	96.8	38.1	52.3	13.2	12
33	49	55.5	55.6	111	60.4	73.5	96.8	38.1	52.3	13.2	12
35	51	57.5	58.8	111	63.5	76.6	96.8	38.1	52.3	13.2	12
38	57.2	60.3	65	127	71.5	85.7	114.3	41.3	52.3	16.4	12
40	58	60.4	65	127	71.5	85.7	114.3	41.3	52.3	16.4	12
43	61	63.5	65	127	71.5	85.7	114.3	41.3	52.3	16.4	12
45	63.5	69.9	71.4	139.7	81	95.3	127	41.3	52.3	16.4	12
48	66.7	73	71.4	139.7	81	95.3	127	41.3	52.3	16.4	12
50	68	73	71.4	139.7	81	95.3	127	41.3	52.3	16.4	12
53	71	76.2	77.8	152.4	90.5	104.8	139.7	44.5	52.3	16.4	12
55	74	79.4	77.8	152.4	90.5	104.8	139.7	44.5	52.3	16.4	12
58	76.2	82.5	84.1	165.1	96.8	114.3	149.2	44.5	52.3	16.4	16
60	79.4	85.7	84.1	165.1	96.8	114.3	149.2	44.5	52.3	16.4	16
63	85.8	92.1	96.8	177.8	109.5	127	160.3	49.2	62	19.6	16
65	88.9	95.3	96.8	177.8	109.5	127	160.3	49.2	62	19.6	16
68	92.1	98.4	96.8	177.8	109.5	127	160.3	49.2	62	19.6	16
70	92.1	98.4	96.8	177.8	109.5	127	160.3	50.8	62	19.6	16
75	98.5	108	108	190.5	125.4	142.9	173	50.8	62	19.6	16
80	101.6	111.1	108	190.5	125.4	142.9	173	50.8	62	19.6	16
85	108	117.5	117	203.2	135	155.6	182.5	50.8	62	19.6	20
90	114.3	127	127	215.9	150.8	171.5	195.2	50.8	62	19.6	20
95	117.5	130.2	127	215.9	150.8	171.5	195.2	50.8	62	19.6	20
100	123.9	139.7	136.5	228.6	168.3	188.9	207.9	50.8	62	19.6	20

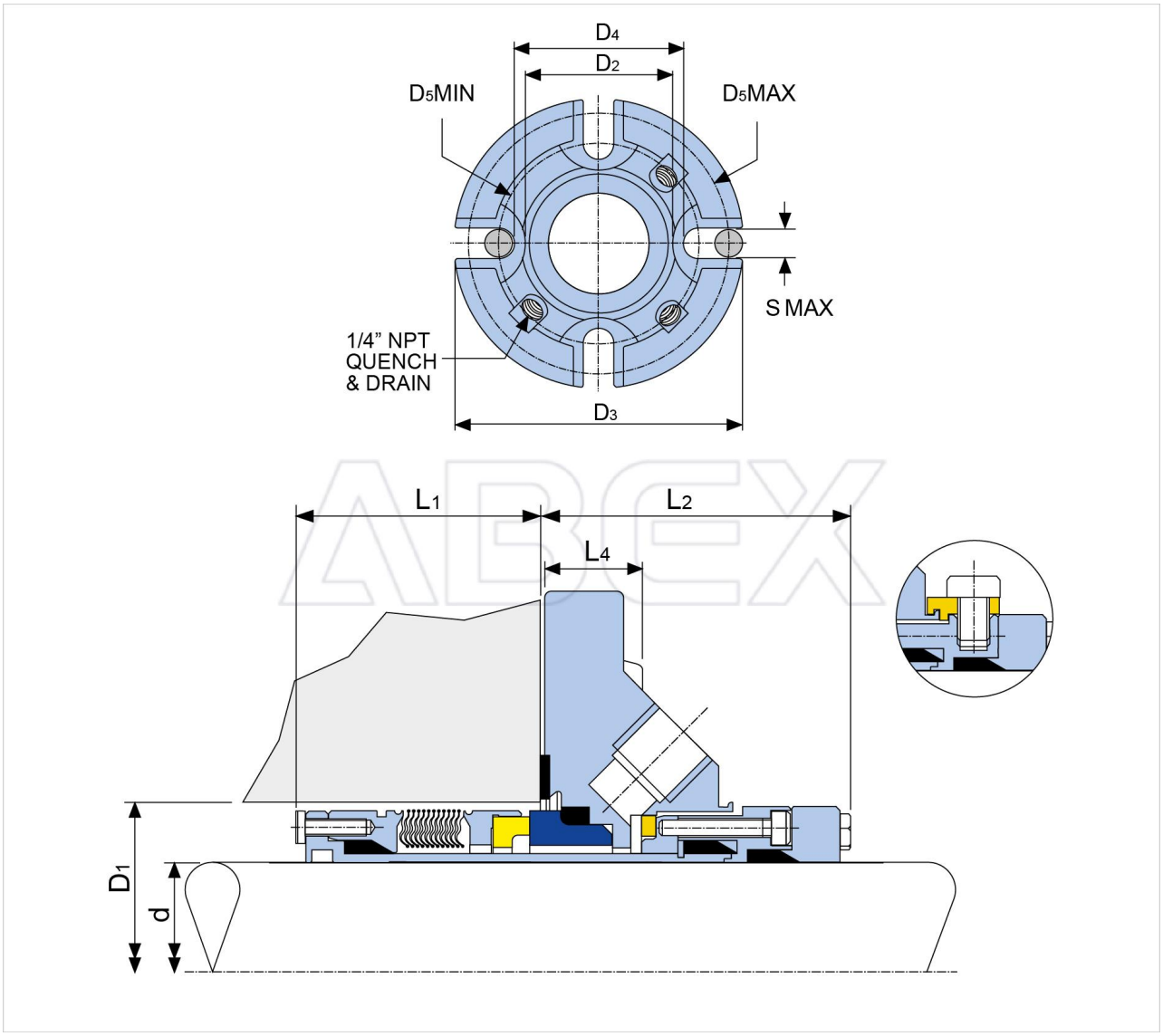
BXMB-A03(BSIV)

Type：	Metal Bellow Seal
Replacement：	AES BSIV
Temperature：	-30 to +200℃
Pressure：	≤2.0Mpa
Speed：	≤20m/s
Material：	B,A,Q1,Q2,U2,E,V,K,G,F,G,M5,T6



BXMB-A04(BQFD)

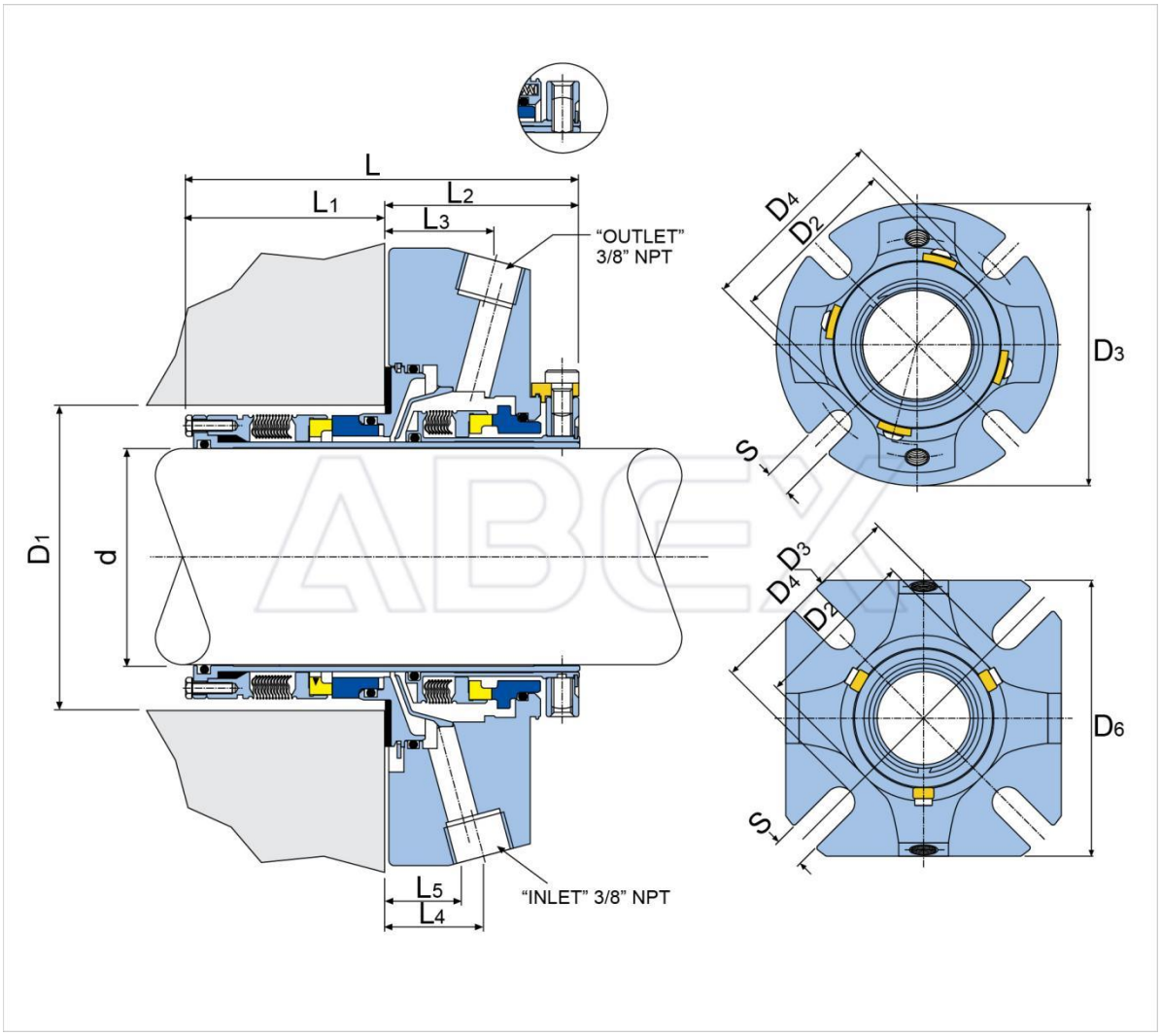
Type：	Metal Bellow Single CArtridge Seal
Replacement：	AES BQFD
Temperature：	-40℃ to +204℃
Pressure：	≤2.0Mpa
Speed：	≤20m/s
Material：	A,B,Q1,Q2,U1,U2,T,Graphite,V,G,F,M,T6



d	D1		D2	D3	D4	D5		L1	L2	L4	S
mm	min	max				min	max				max
24	41	49	49.2	104.8	54	67	90.5	38.9	40.5	13.2	12
25	41	49	49.2	104.8	54	67	90.5	38.9	40.5	13.2	12
28	44	52.3	52.4	108	57.2	70.3	93.6	38.9	40.5	13.2	12
30	46	55.5	55.6	111	60.4	73.5	96.8	38.9	40.5	13.2	12
32	48	55.5	55.6	111	60.4	73.5	96.8	38.9	40.5	13.2	12
33	49	55.5	55.6	111	60.4	73.5	96.8	38.9	40.5	13.2	12
35	51	57.5	58.8	111	63.5	76.6	96.8	38.9	40.5	13.2	12
38	57.2	60.4	65	127	71.5	85.7	114.3	42.9	44.5	16.4	12
40	58	60.4	65	127	71.5	85.7	114.3	42.9	44.5	16.4	12
43	61	69.9	71.4	139.7	81	95.3	127	42.9	44.5	16.4	12
45	63.5	69.9	71.4	139.7	81	95.3	127	42.9	44.5	16.4	12
48	66.7	73	71.4	139.7	81	95.3	127	42.9	44.5	16.4	12
50	68	76.2	77.8	152.4	90.5	104.8	139.7	44.5	44.5	16.4	12
53	71	76.2	77.8	152.4	90.5	104.8	139.7	44.5	44.5	16.4	12
55	74	82.5	84.1	165.1	96.8	114.3	149.2	44.5	44.5	16.4	16
58	76.2	82.6	84.1	165.1	96.8	114.3	149.2	44.5	44.5	16.4	16
60	79.4	85.7	84.1	165.1	96.8	114.3	149.2	44.5	44.5	16.4	16
63	85.8	92.1	96.8	177.8	109.5	127	160.3	51.6	47.7	19.6	16
65	88.9	95.3	96.8	177.8	109.5	127	160.3	51.6	47.7	19.6	16
68	92.1	98.4	96.8	177.8	109.5	127	160.3	51.6	47.7	19.6	16
70	92.1	98.4	96.8	177.8	109.5	127	160.3	54.6	47.7	19.6	16
75	98.5	108	108	190.5	125.4	142.9	173	54.6	47.7	19.6	16
80	101.6	111.1	108	190.5	125.4	142.9	173	54.6	47.7	19.6	16
85	108	117.5	117.5	203.2	135	155.6	182.5	54.6	47.7	19.6	20
90	114.3	127	127	215.9	150.8	171.5	195.2	54.6	47.7	19.6	20
95	117.5	130.2	127	215.9	150.8	171.5	195.2	54.6	47.7	19.6	20
100	123.9	139.7	136	228.6	168.3	188.9	207.9	54.6	47.7	19.6	20

BXMB-A05(BDTP)

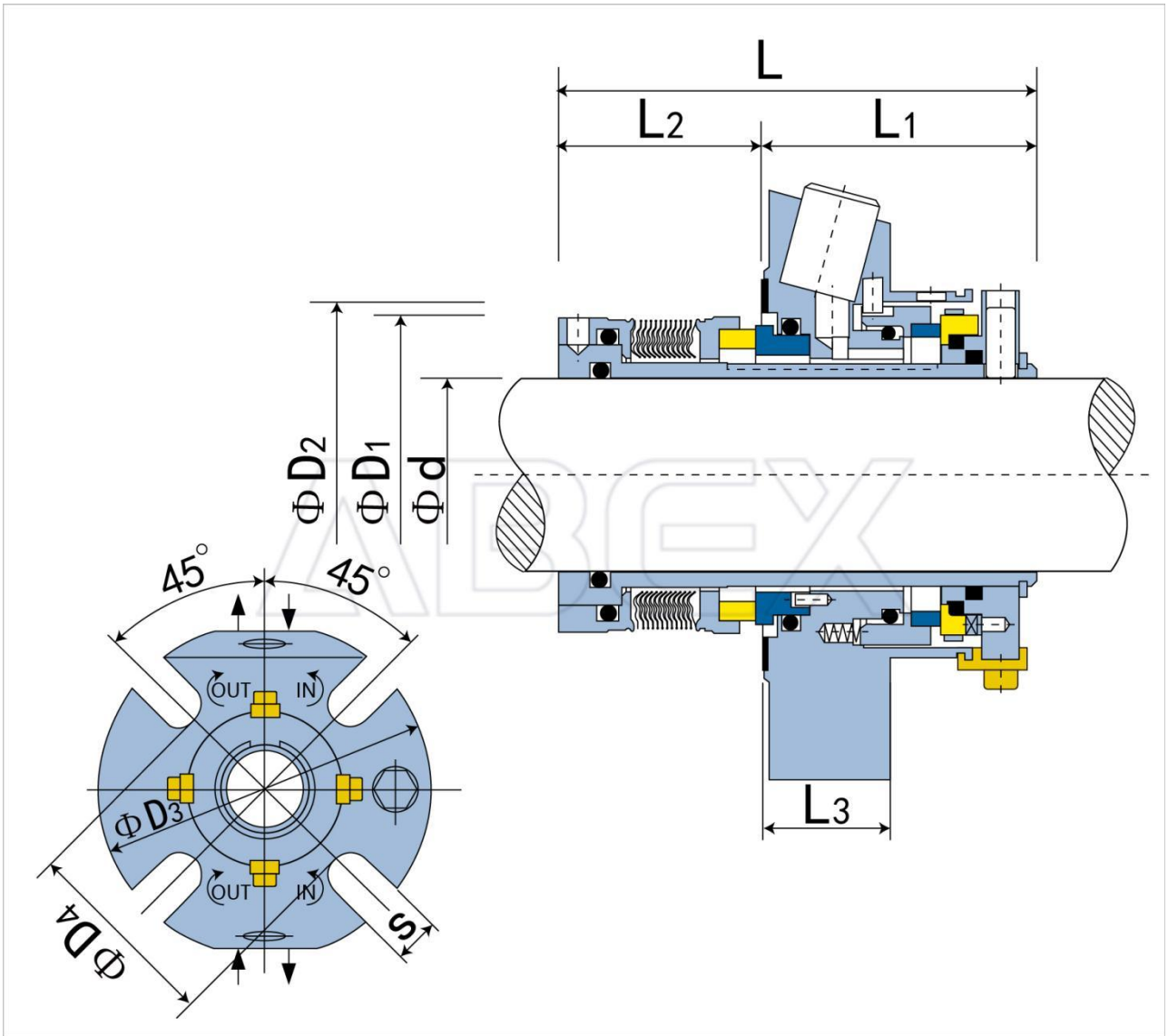
Type：	Metall Bellow Double Seal
Replacement：	AES BDTP
Temperature：	-30℃ to +204℃
Pressure：	≤2.0Mpa
Speed：	≤20m/s
Material：	A,B,Q1,Q2,U1,U2,T,Graphite,V,G,F,M,T6



d	D1		D2	D3	D4	L	L1	L2	L3	L4	L5	S
(mm)	(min)	(max)										
28	44	52	57.2	111.1	62.2	100.8	48.4	52.4	28.6	19.1	20.6	14
35	51	60.3	67	104.1	71.8	100.8	48.4	52.4	28.6	19.1	20.6	11
45	63.5	73	75.7	139.1	83.8	106.7	53.6	53.1	33	19.1	31.5	14
55	74	90.5	86.6	150	100.3	108.7	55.6	53.1	29	22.2	25.3	17.5
60	79.4	95	94.4	170.8	108.7	108.7	55.6	53.1	29.7	19.1	26.5	17.5
63	85.8	95	94.4	170.8	108.7	114.9	61.8	53.1	33	19.1	31.5	17.5
65	88.9	98	98.3	180.3	111.9	114.9	61.8	53.1	33	19.1	31.5	17.5
1.125	1.75	2.062	2.25	4.375	2.449	3.97	1.908	2.062	1.125	0.75	0.812	0.551
1.375	2	2.375	2.638	4.1	2.827	3.97	1.908	2.062	1.125	0.75	0.812	0.433
1.75	2.5	2.875	2.982	5.475	3.297	4.2	2.109	2.091	1.299	0.75	1.24	0.551
1.875	2.625	3	3.108	5.906	3.45	4.2	2.109	2.091	1.299	0.75	1.24	0.689
1.875-D	2.625	2.875	3.025	4.875	3.325	4.2	2.109	2.091	1.15	0.8	1.15	0.472
2.125	2.875	3.562	3.408	5.906	3.95	4.28	2.109	2.091	1.14	0.875	0.995	0.689
2.375	3.125	3.75	3.718	6.725	4.28	4.28	2.109	2.091	1.17	0.75	1.043	0.689
2.5	3.375	3.75	3.718	6.725	4.28	4.525	2.437	2.091	1.299	0.75	1.24	0.689
2.625	3.5	3.875	3.871	7.1	4.405	4.525	2.437	2.091	1.299	0.75	1.24	0.689

BXMB-B01(Mtex-D)

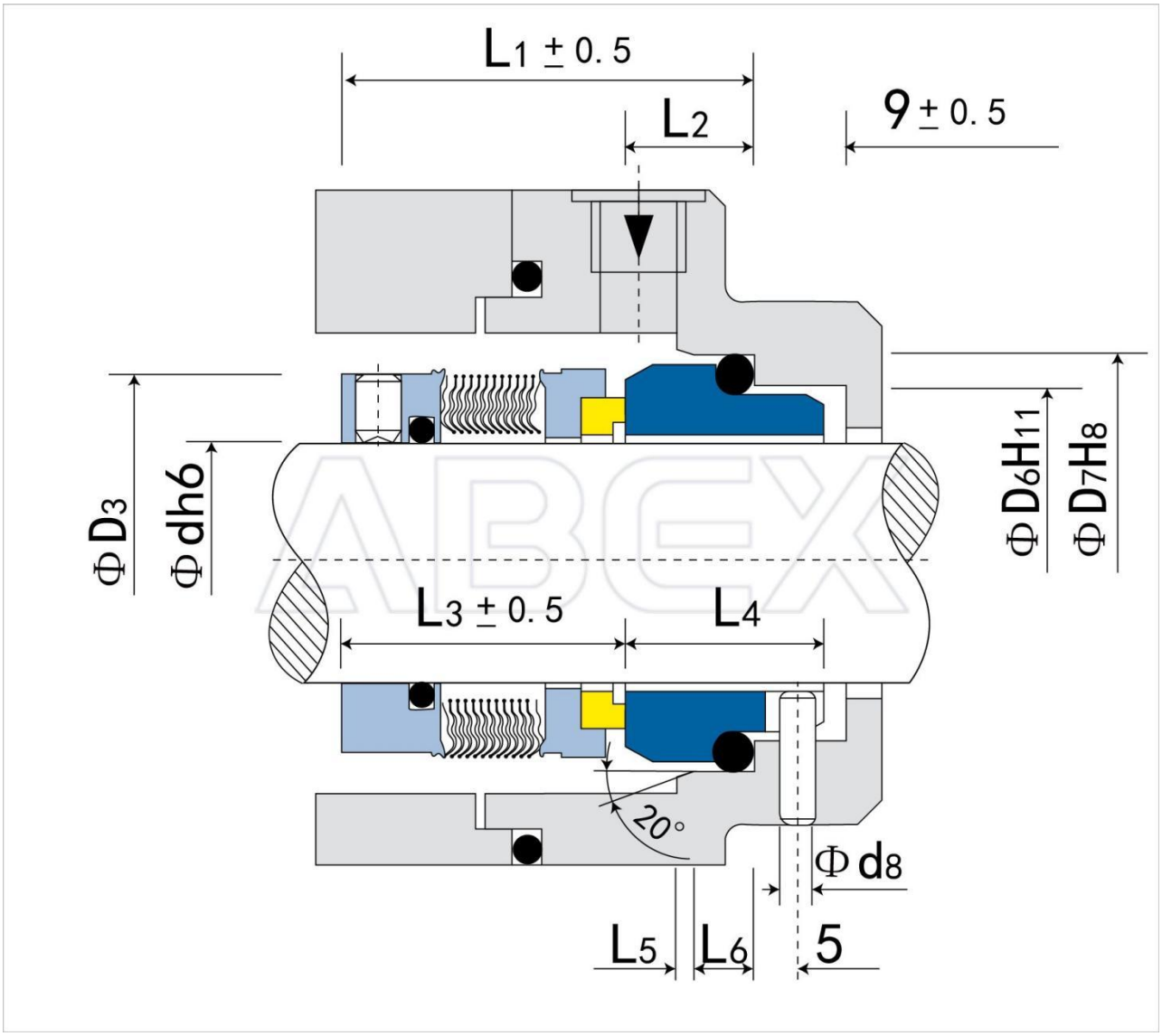
Type：	Metal Bellow Double Cartridge Seal
Replacement：	Burgmann Mtex-D
Temperature：	–40 °C … +220 °C
Pressure：	25 bar
Speed：	15m/s
Material：	A,Q1,U2,V,E,K,G,M6,M



d	D1	D2		D3	D4	L	L1	L2	L3	S
mm		min	max							
25	45	47	51	105	62	87	53.4	33.6	25.4	13.2
30	49.4	52	56	105	67	86.5	53.4	33.1	25.4	13.2
32	52.3	54.5	57	108	70	86.5	53.4	33.1	25.4	13.2
33	52.3	54.5	57	108	70	86.5	53.4	33.1	25.4	13.2
35	54.8	58	61.5	113	72	86.5	53.4	33.1	25.4	13.2
38	57.5	60	66	123	75	86.5	53.4	33.1	25.4	14
40	58.8	62	68	123	77	86.3	53.4	32.9	25.4	14.2
43	61.9	64.5	70.5	133	80	86.5	53.4	33.1	25.4	14.2
45	65	68.5	73	138	82	86.5	53.4	33.1	25.4	14.2
48	68.4	71	75	138	85	86.8	53.4	33.4	25.4	14.2
50	70	73	78	148	87	87.2	53.4	33.8	25.4	14.2
53	71.9	75	87	148	97	87.4	53.4	34	25.4	18
55	74.6	77	83	148	92	87	53.4	33.6	25.4	18
60	83.9	87	91	157	102	88.2	53.4	34.8	25.4	18
65	87.5	90	98.5	163	109.3	88.1	53.4	34.7	25.4	18
70	93	98	108	178	118.3	89.6	53.4	36.2	25.4	18
75	96.8	101.6	118	190	129	107.4	63.9	43.5	28	18
80	104.7	108	124	195	135	106.8	63.9	42.9	28	18

BXMB-B02(MFL85N)

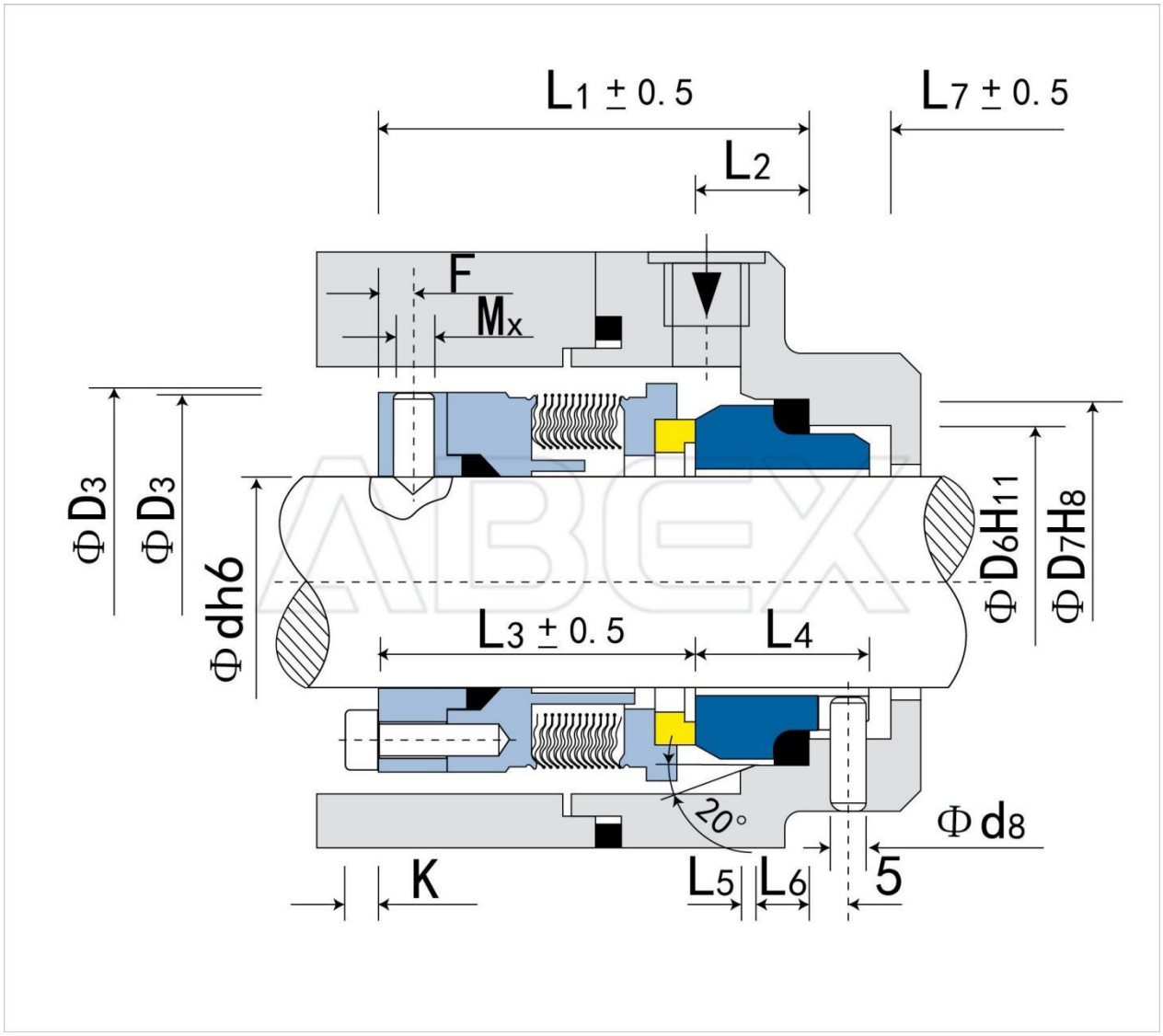
Type：	Metal Bellow Seal
Replacement：	Burgmann MFL85N
Temperature:	-40 °C … +220 °C
Pressure：	10 bar
Speed：	20 m/s
Material：	See describe



d mm	D3	D6	D7	L1	L2	L3	L4	L5	L6	d8
16	30	23	27	42.5	10	32.5	17.5	1.5	4	3
18	32	27	33	42	11.5	30.5	14	2	5	3
20	33.5	29	35	42	11.5	30.5	14	2	5	3
22	36.5	31	37	37.5	11.5	30.5	14	2	5	3
24	39	33	39	40	11.5	28.5	19.5	2	5	3
25	39.6	34	40	40	11.5	28.5	19.5	2	5	3
28	42.8	37	43	42.5	11.5	31	19.5	2	5	3
30	45	39	45	42.5	11.5	31	19.5	2	5	3
32	46	42	48	42.5	11.5	31	19.5	2	5	3
33	48	42	48	42.5	11.5	31	19.5	2	5	3
35	49.2	44	50	42.5	11.5	31	19.5	2	5	3
38	52.3	49	56	45	14	31	22	2	6	4
40	55.5	51	58	45	14	31	22	2	6	4
43	57.5	54	61	45	14	31	22	2	6	4
45	58.7	56	63	45	14	31	22	2	6	4
48	61.9	59	66	45	14	31	22	2	6	4
50	65	62	70	47.5	15	32.5	23	2.5	6	4
53	68.2	65	73	47.5	15	32.5	23	2.5	6	4
55	70	67	75	47.5	15	32.5	23	2.5	6	4
58	71.7	70	78	52.5	15	37.5	23	2.5	6	4
60	74.6	72	80	52.5	15	37.5	23	2.5	6	4
63	79	75	83	52.5	15	37.5	23	2.5	6	4
65	84.1	77	85	52.5	15	37.5	23	2.5	6	4
68	87.3	81	90	52.5	18	34.5	26	2.5	7	4
70	87.3	83	92	60	18	42	26	2.5	7	4
75	95	88	97	60	18	42	26	2.5	7	4
80	98.4	95	105	60	18.2	41.8	26.2	3	7	4
85	104.7	100	110	60	18.2	41.8	26.2	3	7	4
90	111	105	115	65	18.2	46.8	26.2	3	7	4
95	114	110	120	65	17.2	47.8	25.2	3	7	4
100	117.4	115	125	65	17.2	47.8	25.2	3	7	4

BXMB-B03(MFLCT80)

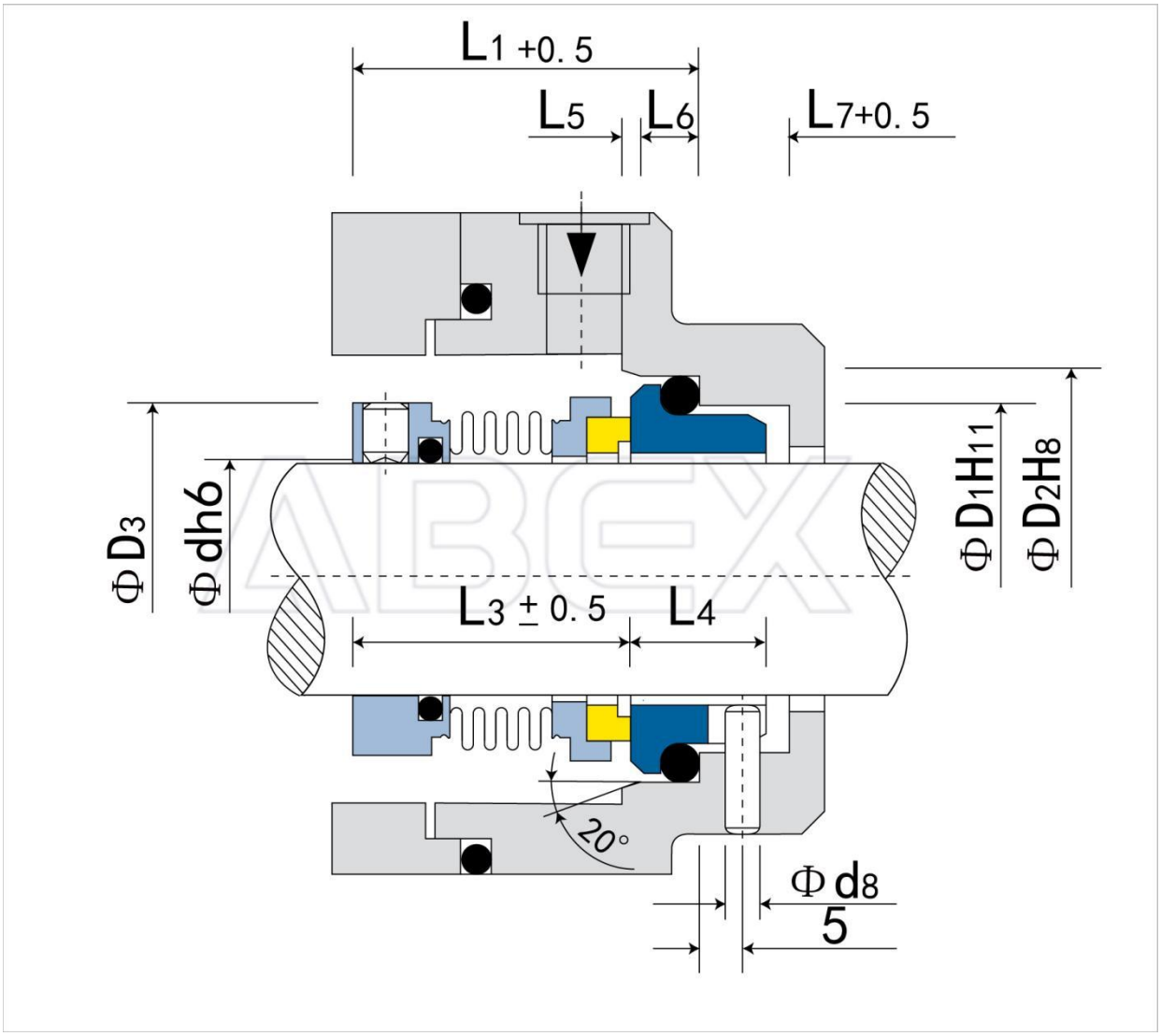
Type：	Metal Bellow Seal
Replacement：	Burgmann MFLCT8
Temperature：	-100 °C … +100 °C
Pressure：	10 bar
Speed：	≤20m/s
Material：	See describe



d	D3	D6	D7	L1	L2	L3	L4	L5	L6	L7	K	F	Mx	d8
（mm)														
16	38	29	35	58	11.5	46.5	19.5	2	5	9	5	5	M5	3
18	40	31	37	58	11.5	46.5	19.5	2	5	9	5	5	M5	3
20	42	34	40	58	11.5	46.5	19.5	2	5	9	5	5	M5	3
22	44	37	43	58	11.5	46.5	19.5	2	5	9	5	5	M5	3
24	46	37	43	58	11.5	46.5	19.5	2	5	9	5	5	M5	3
25	47	39	45	58	11.5	46.5	19.5	2	5	9	5	5	M5	3
28	50	42	48	58	11.5	46.5	19.5	2	5	9	5	5	M6	3
30	52	44	50	58	11.5	46.5	19.5	2	5	9	5	5	M6	3
32	54	49	56	60.5	14	46.5	22	2	6	9	5	5	M6	4
33	55	49	56	60.5	14	46.5	22	2	6	9	5	5	M6	4
35	57	51	58	60.5	14	46.5	22	2	6	9	5	5	M6	4
38	60	54	61	60.5	14	46.5	22	2	6	9	5	5	M6	4
40	66	56	63	61.5	14	47.5	22	2	6	9	6	6	M6	4
43	69	59	66	61.5	14	47.5	22	2	6	9	6	6	M6	4
45	71	62	70	62.5	15	47.5	23	2.5	6	9	6	6	M6	4
48	74	65	73	62.5	15	47.5	23	2.5	6	9	6	6	M6	4
50	76	67	75	62.5	15	47.5	23	2.5	6	9	6	6	M6	4
53	79	70	78	62.5	15	47.5	23	2.5	6	9	6	6	M6	4
55	81	72	80	62.5	15	47.5	23	2.5	6	9	6	6	M6	4
58	85	75	83	68	15	53	23	2.5	6	9	6	6	M6	4
60	87	77	85	68	15	53	23	2.5	6	9	6	6	M8	4
63	90	81	90	71	18	53	26	2.5	7	9	6	6	M8	4
65	92	83	92	71	18	53	26	2.5	7	9	6	6	M8	4
68	95	88	97	71	18	53	26	2.5	7	9	6	6	M8	4
70	97	88	97	71	18	53	26	2.5	7	9	6	6	M8	4
75	102	95	105	71	18.2	52.8	26.2	3	7	9	6	6	M8	4
80	107	100	110	71	18.2	52.8	26.2	3	7	9	6	6	M8	4
85	112	105	115	71	18.2	52.8	26.2	3	7	9	6	6	M8	4
90	117	110	120	71	17.2	53.8	25.2	3	7	9	6	6	M8	4
95	122	115	125	71	17.2	53.8	25.2	3	7	9	6	6	M8	4
100	127	122.2	134.3	74	20	54	30	3	9	11	6	6	M8	5

BXMB-B04(MF95N)

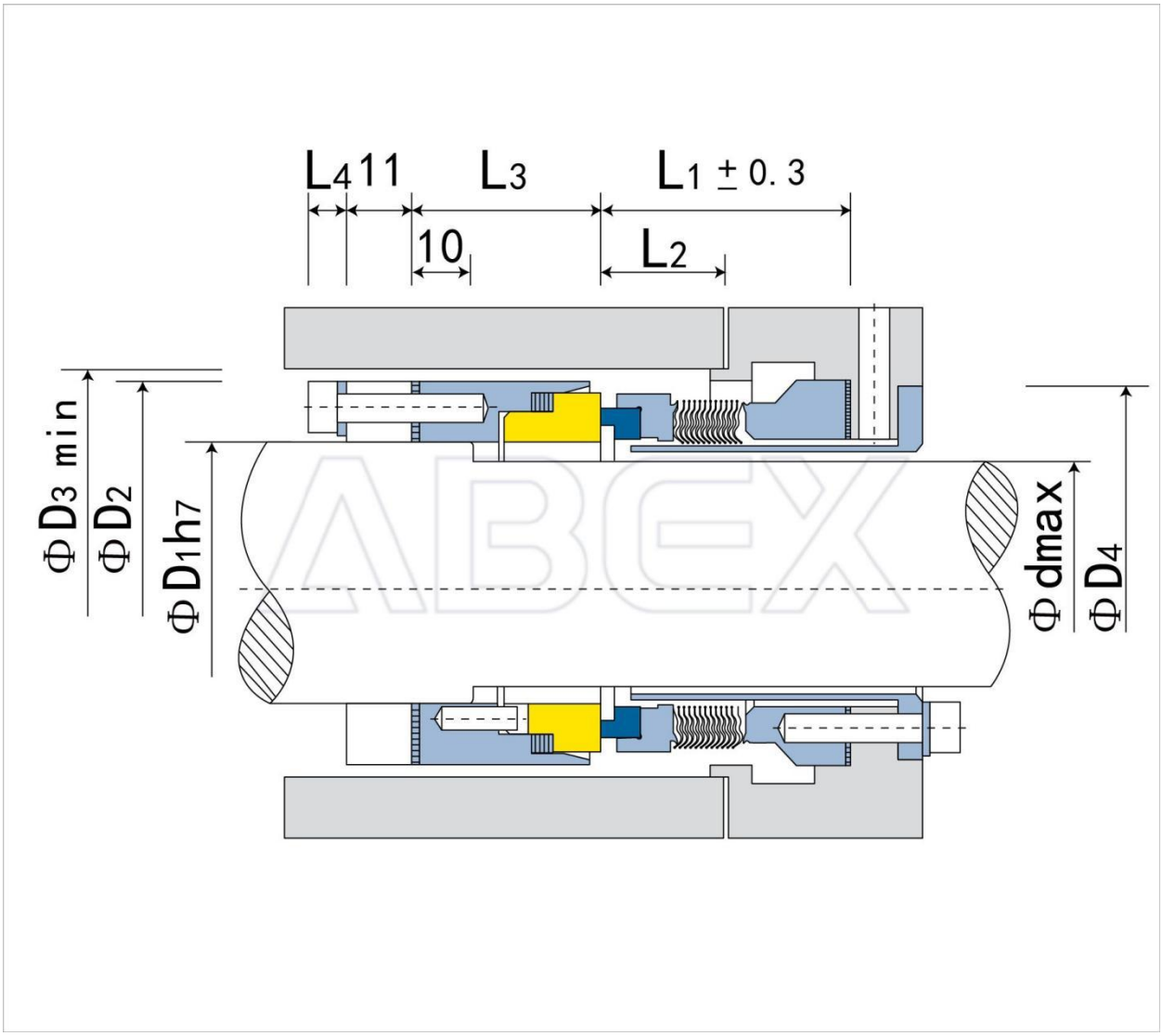
Type：	Metal Bellow Seal
Replacement：	Burgmann MF95N
Temperature：	-40 °C …+220 °C
Pressure：	16 bar
Speed：	20 m/s
Material：	See describe



d mm	D3	D6	D7	L1	L3	L4	L5	L6	L7	d8
14	24	21	25	35	30.5	15	1.5	4	8.5	3
16	26	23	27	35	29.5	15	1.5	4	8.5	3
18	32	27	33	37.5	30.5	15	2	5	9	3
20	34	29	35	37.5	30.5	15	2	5	9	3
22	36	31	37	37.5	30.5	15	2	5	9	3
24	39	33	39	40	33	15	2	5	9	3
25	39	34	40	40	33	15	2	5	9	3
28	42	37	43	42.5	35.5	15	2	5	9	3
30	44	39	45	42.5	35.5	15	2	5	9	3
32	46	42	48	42.5	35.5	15	2	5	9	3
33	47	42	48	42.5	35.5	15	2	5	9	3
35	49	44	50	42.5	35.5	15	2	5	9	3
38	54	49	56	45	37	16	2	6	9	4
40	56	51	58	45	37	16	2	6	9	4
43	59	54	61	45	37	16	2	6	9	4
45	61	56	63	45	37	16	2	6	9	4
48	64	59	66	45	37	16	2	6	9	4
50	66	62	70	47.5	38	17	2.5	6	9	4
53	69	65	73	47.5	38	17	2.5	6	9	4
55	71	67	75	47.5	38	17	2.5	6	9	4
58	78	70	78	52.5	42	18	2.5	6	9	4
60	80	72	80	52.5	42	18	2.5	6	9	4
63	83	75	83	52.5	42	18	2.5	6	9	4
65	85	77	85	52.5	42	18	2.5	6	9	4
68	87	81	90	52.5	41.5	18.5	2.5	7	9	4
70	90	83	92	60	48.5	19	2.5	7	9	4
75	99	88	97	60	48.5	19	2.5	7	9	4
80	104	95	105	60	48.5	19	3	7	9	4
85	109	100	110	60	48.5	19	3	7	9	4
90	114	105	115	65	52	20.5	3	7	9	4
95	119	110	120	65	52	20.5	3	7	9	4
100	124	115	125	65	52	20.5	3	7	9	4

BXMB-B05(YE400)

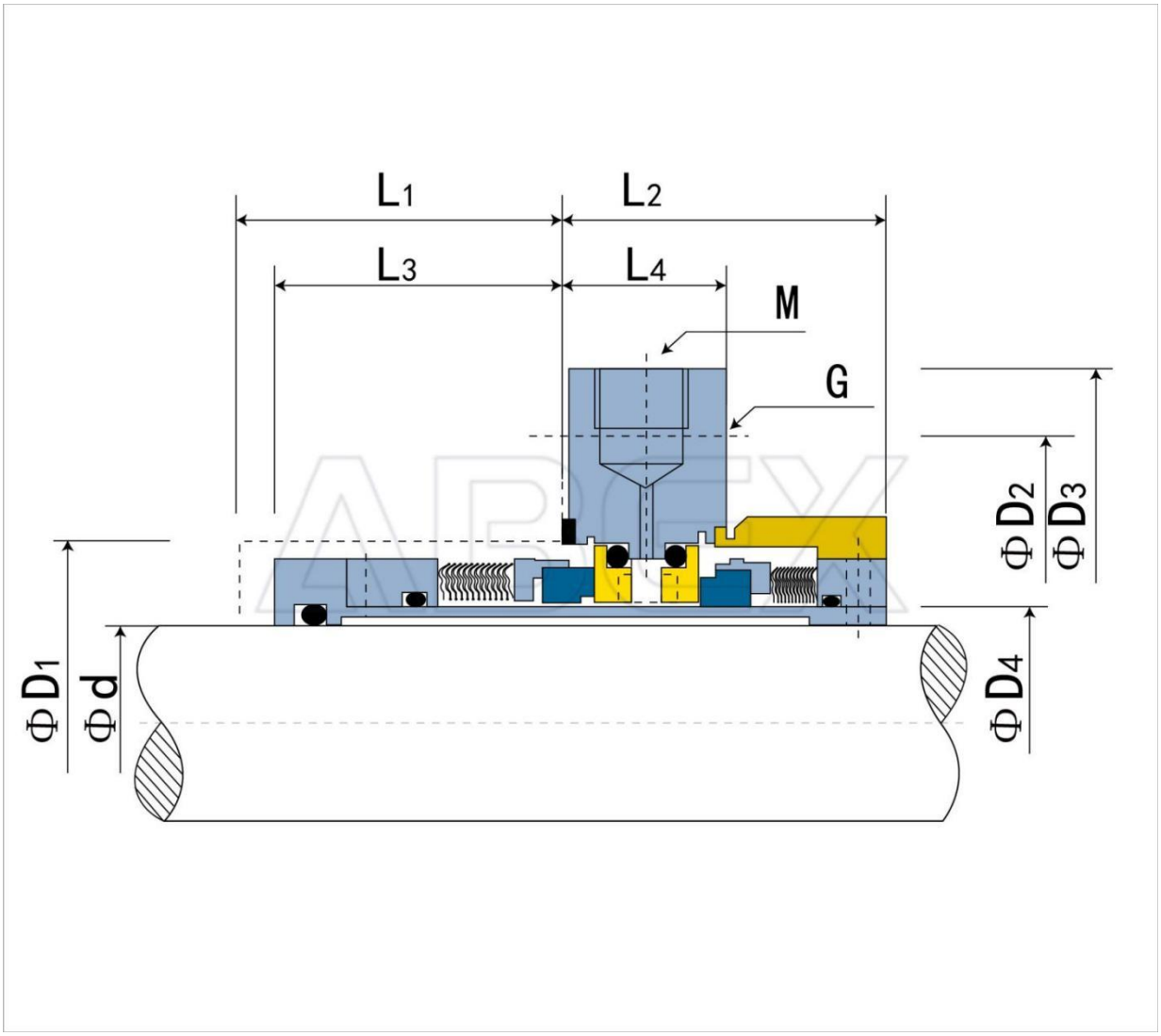
Type：	Metal Bellow Seal
Replacement：	Burgmann YE400
Temperature：	-240 °C … +425 °C
Pressure：	20 bar
Speed：	35 bar
Material：	See describe



Size code	d mm	d1	D2	D3	D4	L1	L2	L3	L4
X14	18	21	42	47	44	36	15	31	6.3
X16	21	26	47	50	47	38	17	31	6.3
X18	24	29	50	53	50	38	17	31	6.3
X20	27.5	32	53	56	53	38	17	31	6.3
X22	31	36	57	60	57	38	17	31	6.3
X24	33	39	60	64	60	41	20	31	6.3
X26	36	42	63	67	63	41	20	31	6.3
X28	39	45	66	70	66	41	20	31	6.3
X30	42	48	69	73	69	41	20	31	6.3
X32	45	51	72	76	72	41	20	31	6.3
X34	45	54	75	80	76	43	22	31	6.3
X36	50	58	79	83	79	43	22	31	6.3
X38	53	61	82	86	82	43	22	31	6.3
X40	55	64	85	89	85	51	30	31	6.3
X42	58.5	67	89	92	88	51	30	31	6.3
X44	62.5	71	92	96	92	51	30	31	6.3
X46	64	74	96	99	95	55	34	31	6.3
X48	67	77	99	102	98	55	34	31	6.3
X50	70	81	102	105	101	55	34	31	6.3
X52	73	84	105	108	104	55	34	31	6.3
X54	75.5	87	109	111	107	55	34	31	6.3
X56	78.5	90	113	116	111	58	37	31	6.3
X58	82	93	116	120	114	58	37	31	6.3
X60	85	96	119	122	117	58	37	31	6.3
X62	88	99	122	125	120	58	37	31	6.3
X64	91	103	125	128	123	58	37	31	6.3
X70	100	111	138	142	134	60	39	31	6.3
X78	110	116	147	152	145	60	39	41	7.5
X90	129	137	168	173	166	63	42	41	7.5

BXMB-FS01(X-200)

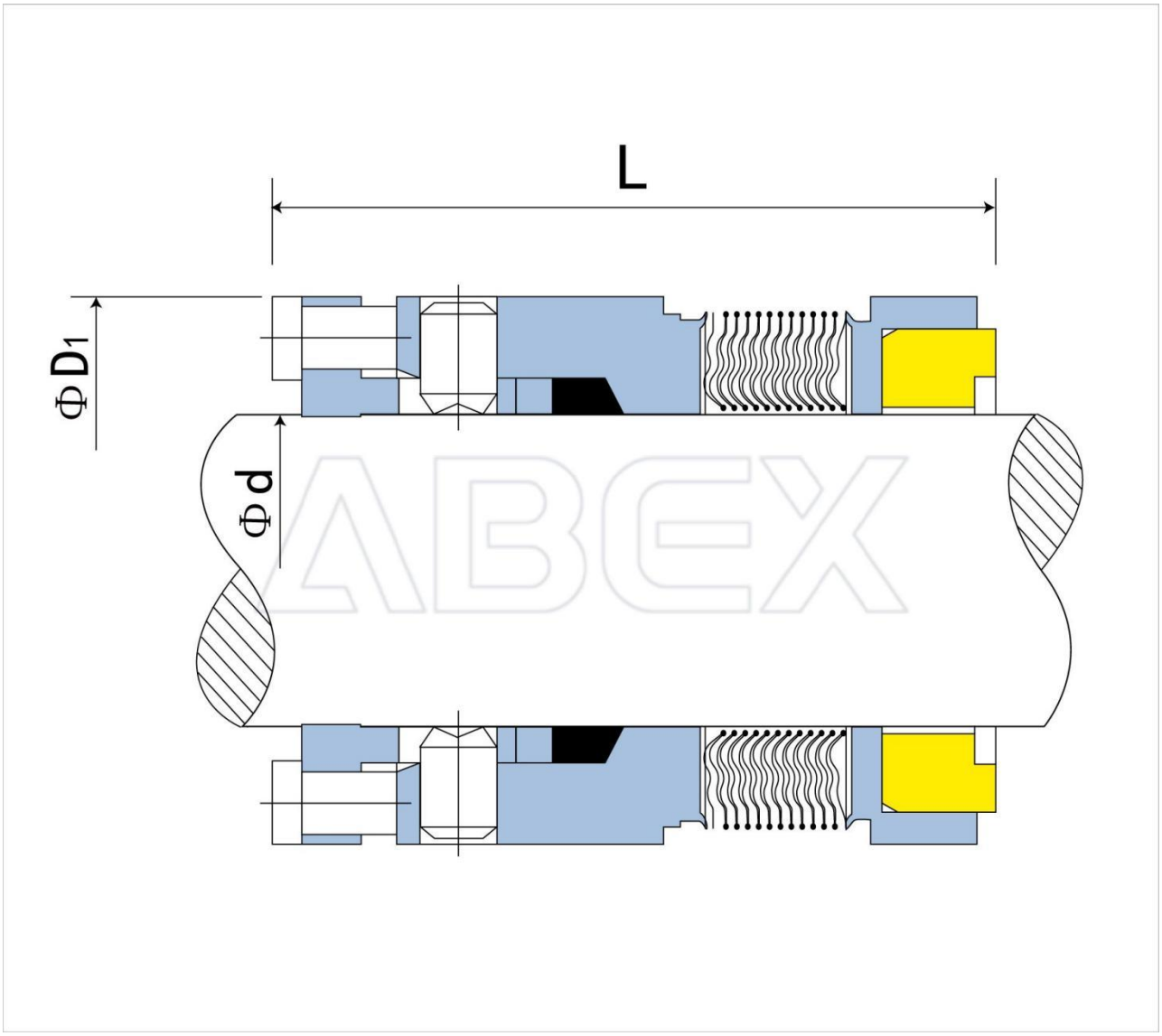
Type：	Metal Bellow Seal
Replacement：	Flowserve X-200
Temperature：	-75°C to 425°
Pressure：	69 bar
Speed：	25m/s
Material：	B,Q2,U2,Graphite,F,G,T6



d	D1		D4	L1	L2	L3	L4	G	D2	D3	M
(inch)	min	max		min				max	min		
1	1.75	1.875	1.125	1.78	2	1.69	1.02	0.375	2.75	3.75	3/8.
1.125	1.75	2	*1.250	1.78	2	1.69	1.02	0.5	3	3.88	3/8.
1.25	2	2.125	1.375	1.97	2	1.88	1.02	0.5	3.12	4.25	3/8.
1.375	2	2.25	*1.500	1.97	2	1.88	1.02	0.375	3.25	4.25	3/8.
1.5	2.25	2.5	1.625	1.97	2	1.88	1.02	0.375	3.75	4.75	3/8.
1.625	2.375	2.625	1.75	1.97	2	1.88	1.02	0.5	3.75	4.75	3/8.
1.75	2.5	2.75	1.875	1.97	2	1.88	1.02	0.5	3.75	5	3/8.
1.875	2.625	2.875	2	1.97	2	1.88	1.02	0.5	3.88	5	3/8.
2	2.75	3	2.125	1.97	2	1.88	1.02	0.625	4.12	5.12	3/8.
2.125	2.875	3.25	2.25	1.97	2	1.88	1.02	0.625	4.38	6	3/8.
2.25	3	3.375	2.375	1.97	2	1.88	1.02	0.625	4.62	6.5	3/8.
2.375	3.25	3.625	2.5	2.16	2.09	2.06	1.11	0.625	5	6.38	3/8.
2.5	3.375	3.75	2.625	2.16	2.09	2.06	1.11	0.625	5	6.62	3/8.
2.625	3.5	3.875	2.75	2.16	2.09	2.06	1.11	0.75	5.75	7.25	3/8.
2.75	3.75	\	2.875	2.16	2.62	2.06	1.58				3/4.
2.75	3.875	\	*3.000	2.16	2.62	2.06	1.58				3/4.
2.875	3.875	\	3	2.16	2.62	2.06	1.58				3/4.
2.875	4	\	*3.125	2.16	2.62	2.06	1.58				3/4.
3	4	\	3.125	2.16	2.62	2.06	1.58				3/4.
3	4.125	\	*3.250	2.16	2.62	2.06	1.58				3/4.
3.125	4.25	\	3.375	2.16	2.62	2.06	1.58				3/4.
3.25	4.375	\	3.5	2.28	2.75	2.19	1.71				3/4.
3.375	4.5	\	3.625	2.28	2.75	2.19	1.71				3/4.
3.5	4.625	\	3.75	2.28	2.75	2.19	1.71				3/4.
3.625	4.75	\	3.875	2.28	2.75	2.19	1.71				3/4.
3.75	4.875	\	4	2.28	2.75	2.19	1.71				3/4.
3.875	5	\	4.125	2.28	2.75	2.19	1.71				3/4.

BXMB-J02(609)

Type：	Metal Bellow Seal
Replacement：	John Crane 609
Temperature：	-75°C to 425°
Pressure：	69 bar
Speed：	25m/s
Material：	B,Q2,U2,Graphite,F,G,T6

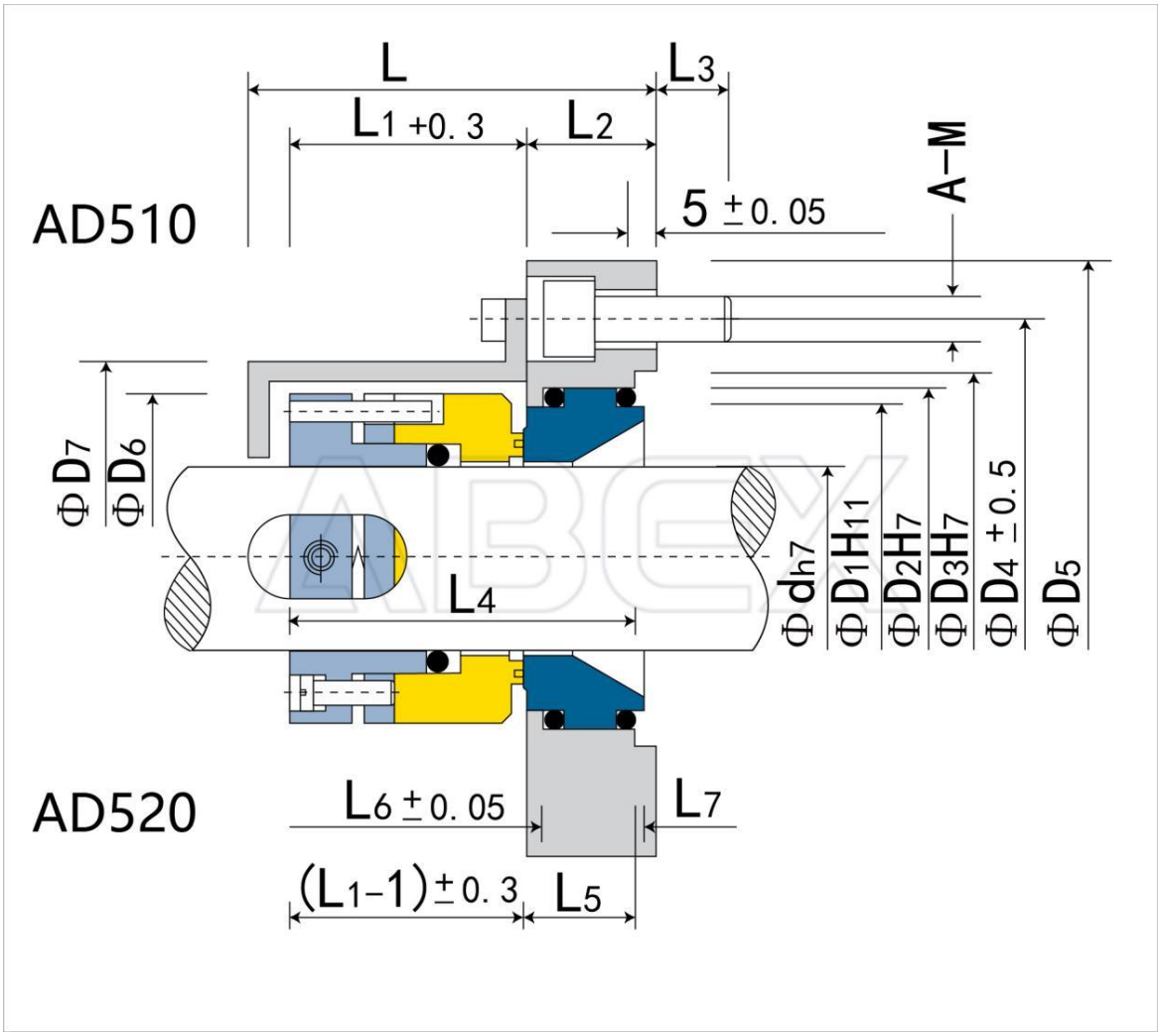


Shaft mm	d	D1	L
25	25	41.28	38.89
28	28	44.45	39.67
32	32	47.63	40.46
35	35	50.8	40.46
38	38	53.98	40.46
40	40	57.15	40.46
45	45	60.33	41,28
48	48	63.5	41,28
50	50	66.68	42.06
55	55	69.85	42.06
60	60	76.2	43.66
65	65	82.55	44.45
70	70	88.9	45.24
75	75	96.82	47.63
80	80	101.6	47.63
85	85	107.95	47.63
90	90	111.13	47.63
95	95	117.48	47.63
100	100	123.83	47.63

Mixer and Agitator Seals

BXMA-B01(AD510/AD520)

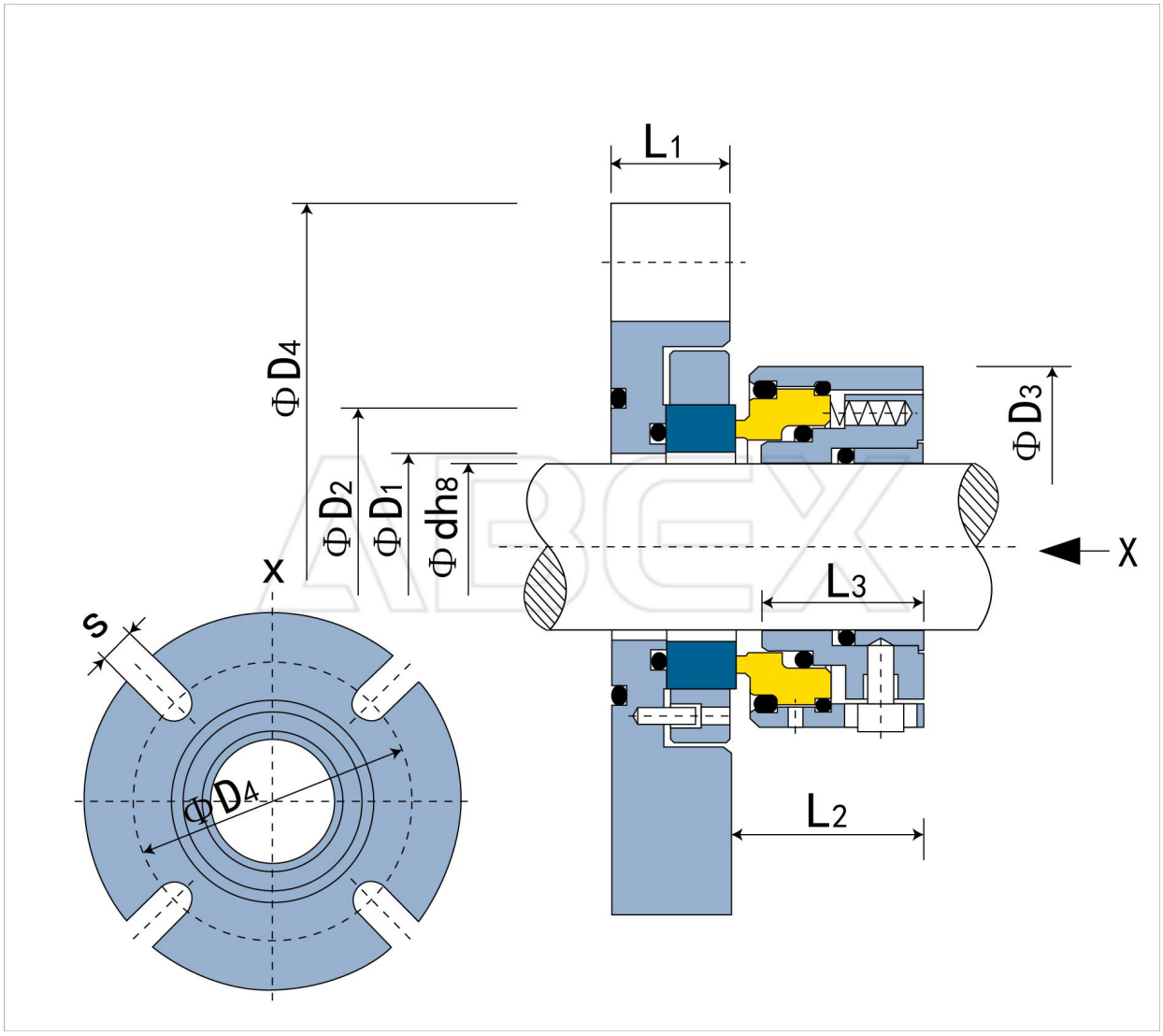
Type：	Agitator Seal. Dry Running Single Seal
Replacement：	Burgmann AD510/AD520
Temperature：	30 °C … +175 °C
Pressure：	≤5.0 ba
Speed：	≤1.0m/s
Material：	See discribe



d mm	D1	D2	D3	D4	D5	D6	D7	L	L1	L2	L3	L4	L5	L6	L7	A-M
20	36	42	50	70	90	46	60	77	44	24	11	63	20	16	2	4-M8
25	41	47	55	75	95	51	65	77	44	24	11	63	20	16	2	4-M8
30	46	52	60	80	100	56	70	77	44	24	11	63	20	16	2	4-M8
35	51	57	65	85	105	61	75	77	44	24	11	63	20	16	2	4-M8
40	60	66	75	95	120	70	85	82	47	26	12	68	22	18	2	4-M10
45	65	71	80	100	125	75	90	82	47	26	12	68	22	18	2	4-M10
50	70	76	85	105	130	80	95	82	47	26	12	68	22	18	2	8-M10
55	75	81	90	110	135	85	100	82	47	26	12	68	22	18	2	8-M10
60	85	91	100	120	145	92	110	89	51	28	12	74	24	20	2	8-M10
65	90	96	105	125	150	97	115	89	51	28	12	74	24	20	2	8-M10
70	95	101	110	130	155	102	120	91	51	30	12	76	26	21	2	8-M10
75	104	110	120	140	165	109	130	91	51	30	12	76	26	21	2	8-M10
80	109	115	125	150	178	114	130	98	57	31	15	83	27	22	2	8-M12
85	114	120	130	155	183	120	140	98	57	31	15	83	27	22	2	8-M12
90	119	125	135	160	188	124	140	98	57	31	15	83	27	22	2	8-M12
95	124	130	140	165	193	130	150	98	57	31	15	83	27	22	2	8-M12
100	129	135	145	170	198	134	150	98	57	31	15	83	27	22	2	8-M12
105	134	140	150	175	203	140	160	98	57	31	15	83	27	22	2	8-M12
110	139	145	155	180	208	146	165	98	57	31	15	83	27	22	2	8-M12
120	150	160	170	200	236	160	180	110	63	37	20	95	33	27	3	8-M16
130	160	170	180	210	246	170	190	110	63	37	20	95	33	27	3	8-M16
140	175	185	195	225	260	180	200	110	63	37	20	95	33	27	3	8-M16
150	190	200	210	240	276	200	225	136	85	40	20	120	36	30	3	8-M16
160	200	210	220	250	286	210	230	136	85	40	20	120	36	30	3	8-M16
170	210	220	230	260	296	220	250	136	85	40	20	120	36	30	3	8-M16
180	220	230	240	270	306	230	250	136	85	40	20	120	36	30	3	8-M16

BXMA-B02(SeccoMix)

Type：	Agitator Seal
Replacement：	Burgmann SECCOMIX, Flowserve VRA
Temperature：	-20 °C … +200 (250*) °C
Pressure：	6 bar
Speed：	≤2m/s
Material：	B,A,P,E,N,V

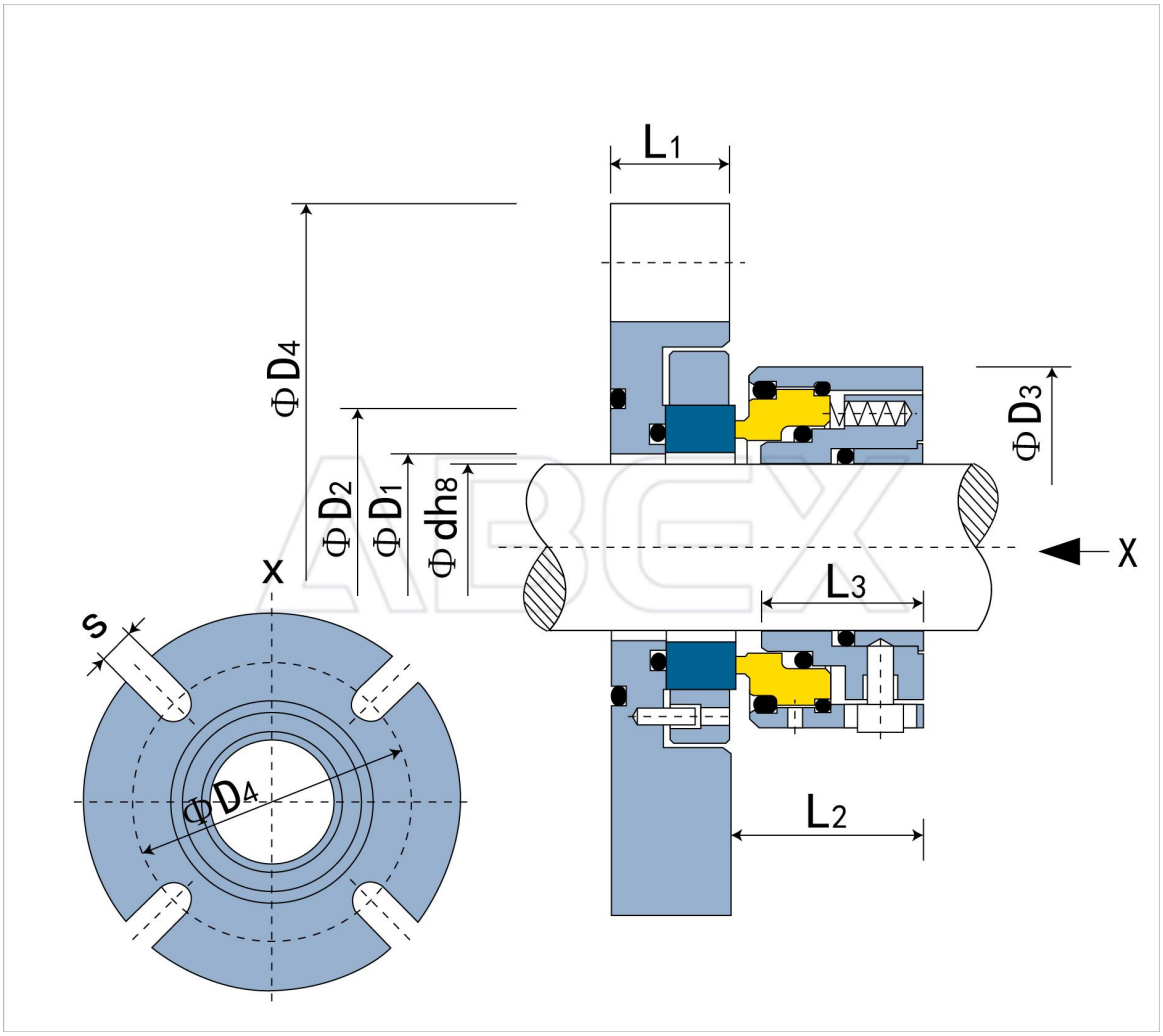


d	d	D1	D2	D3	D4		D5	L1	L2	L3	S
mm	inch				min	max					
25	1	34	-	68	100	132	148	26	41.5	35	11
28	1.125	34	55	68	100	132	148	26	41.5	35	11
30	-	34	55	68	100	132	148	26	41.5	35	11
32	1.25	39	60	73	105	137	153	26	41.5	35	11
35	1.375	39	60	73	105	137	153	26	41.5	35	11
38	1.5	44	65	78	110	142	158	26	41.5	35	11
40	-	44	65	78	110	142	158	26	41.5	35	11
45	1.625	49	68	83	115	152	163	26	41.5	35	11
–	1.75	49	68	83	115	152	163	26	41.5	35	11
48	1.875	54	73	88	125	160	178	26	41.5	35	14
50	-	54	73	88	125	160	178	26	41.5	35	14
55	2	59	78	93	130	165	183	26	41.5	35	14
–	2.125	59	78	93	130	165	183	26	41.5	35	14
60	2.25	64	85	98	135	170	188	26	41.5	35	14
65	2.375	69	90	103	140	175	193	26	44.5	35	14
–	2.5	69	90	103	140	175	193	26	44.5	35	14
70	2.625	74	95	108	145	180	198	26	44.5	38	14
–	2.75	74	95	108	145	180	198	26	44.5	38	14
75	2.875	79	100	113	150	185	203	26	44.5	38	14
80	3	84	105	118	155	190	208	26	44.5	38	14
85	3.25	89	110	123	160	195	213	26	44.5	38	14
90	3.5	94	115	128	165	200	218	26	44.5	38	14
95	3.75	99	120	133	170	205	223	26	44.5	38	14
100	–	104	125	138	175	210	228	26	44.5	38	14
105	4	109	130	143	180	215	233	26	44.5	38	14
110	4.25	114	135	148	185	220	238	26	44.5	38	18

d	d	D1	D2	D3	D4		D5	L1	L2	L3	S
mm	inch				min	max					
115	4.5	119	140	153	196	243	267	26	44.5	38	18
125	4.75	129	150	163	206	253	277	26	44.5	38	18
140	5	144	165	178	221	273	297	26	44.5	38	18
–	5.25	144	165	178	221	273	297	26	44.5	38	18
–	5.5	144	165	178	221	273	297	26	44.5	38	18
150	5.75	154	175	188	231	283	307	26	44.5	38	18
160	6	164	185	198	241	283	317	26	44.5	38	18
–	6.25	164	185	198	241	283	317	26	44.5	38	18

BXMA-B03(Seccomix II)

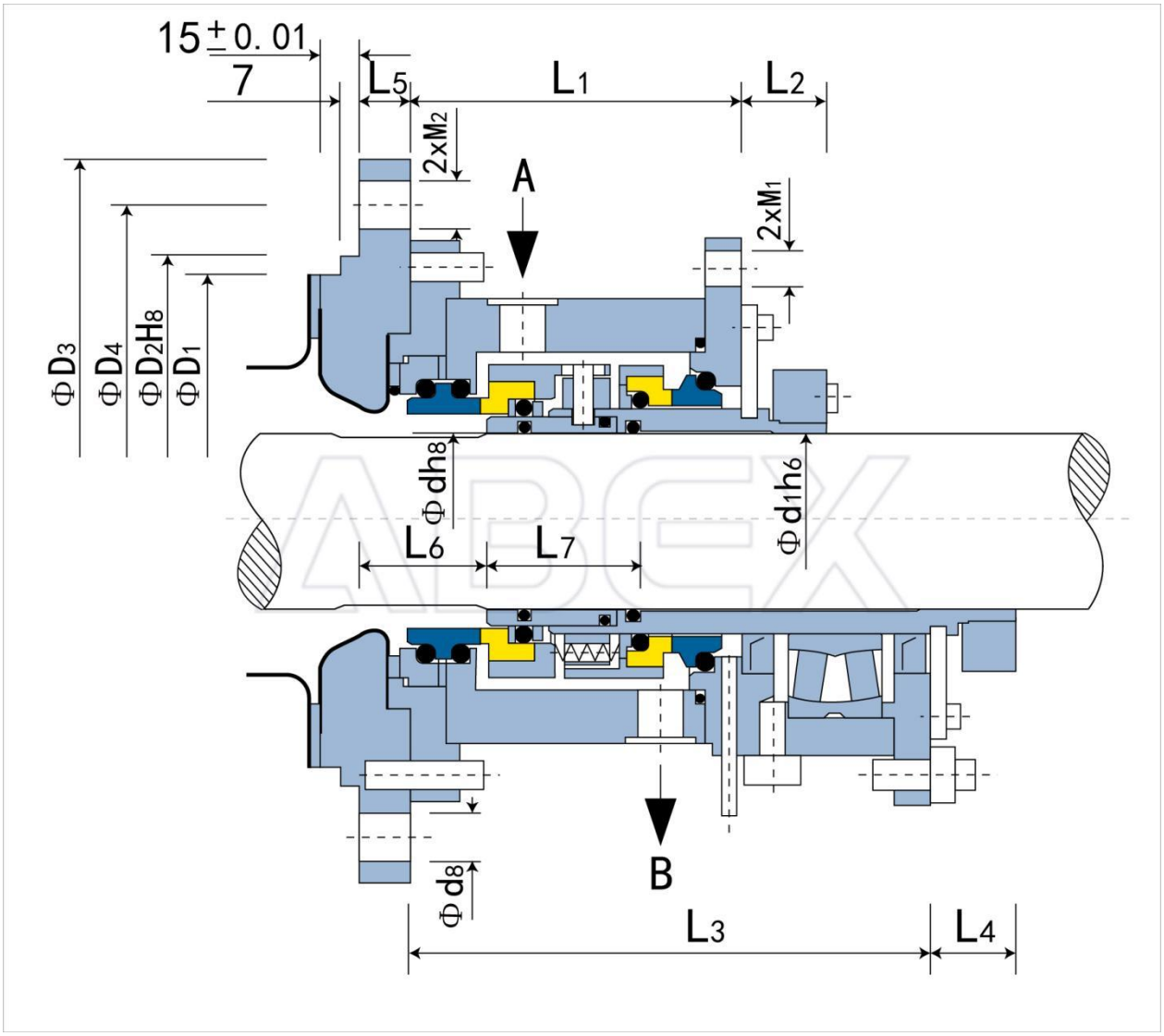
Type：	Agitator Seal
Replacement：	Burgmann Seccomix,Flowserve VRA
Temperature：	-20 °C … +200 (250*) °C
Pressure：	6 bar
Speed：	≤10m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M



d	d	D1	D2	D3	D4		D5	L1	L2	S
mm	inch				min	max				
25	1000	34	55	68	100	132	148	26	41.5	11
30	–	34	55	68	100	132	148	26	41.5	11
35	1375	44	60	78	105	137	153	26	41.5	11
40	–	44	65	78	110	142	158	26	41.5	11
50	–	54	75	88	125	160	178	26	41.5	14
60	2250	64	85	98	135	170	183	26	41.5	14
65	2375	74	95	108	145	180	198	26	44.5	14
70	2625	74	95	108	145	180	198	26	44.5	14
80	3000	84	105	118	155	190	208	26	44.5	14
90	3500	94	115	128	165	200	218	26	44.5	14
100	–	104	125	138	175	210	228	26	44.5	14
110	4250	114	135	148	185	220	238	26	44.5	14
125	4750	129	150	163	206	253	277	26	44.5	18
140	5000	144	165	178	221	273	297	26	44.5	18
160	6000	164	185	198	241	293	317	26	44.5	18

BXMA-B04(M461)

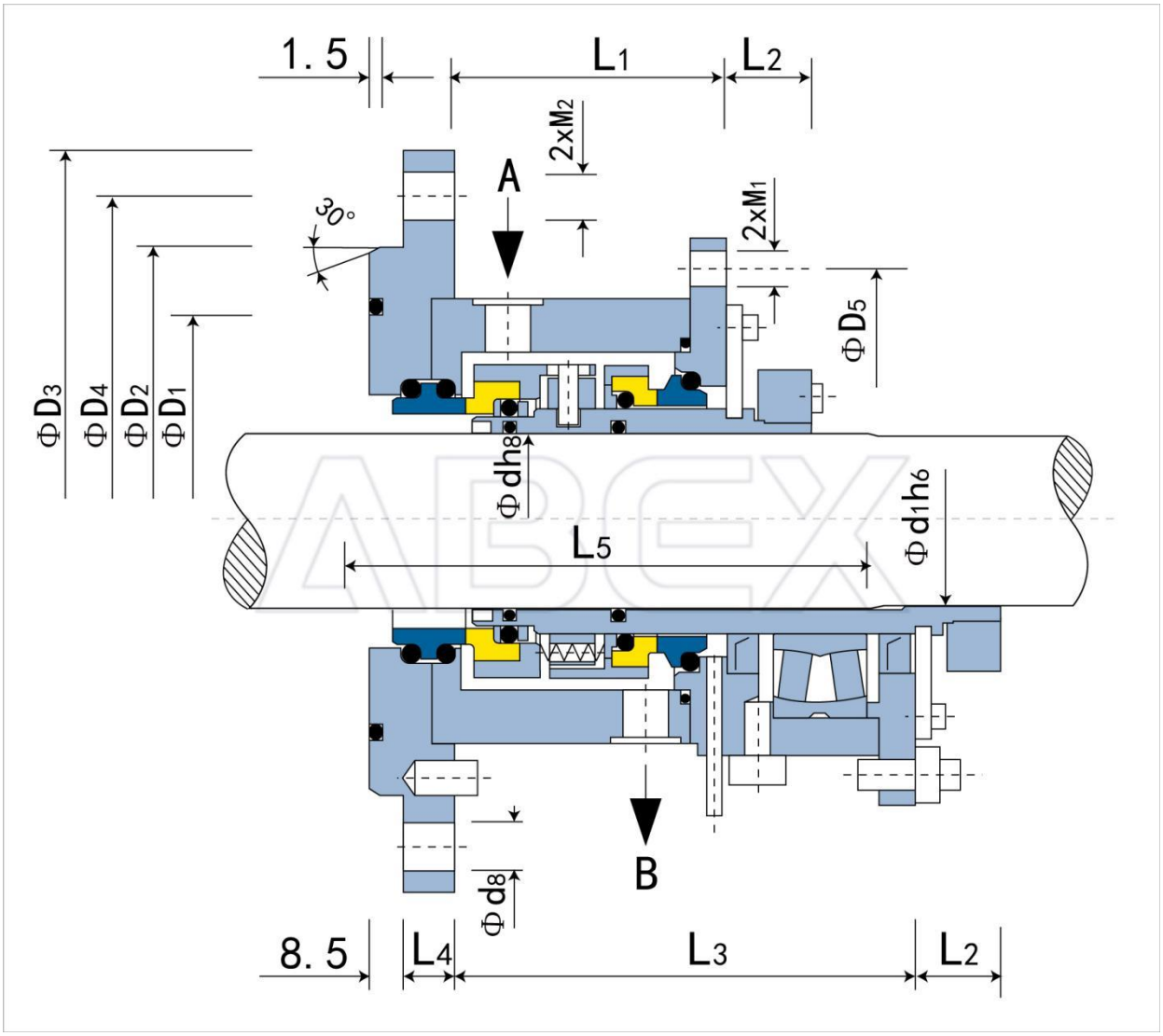
Type：	Agitator Seal
Replacement：	Burgmann M461
Temperature：	-40 °C … +200
Pressure：	16 bar
Speed：	≤5m/s
Material：	See discribe



d mm	d1	D1	D2	D3	D4	L1	L2	L3	L4	L5	L6	L7	M1	M2	A,B	nxd8
40	38	102	110	175	145	142	35	184	28	25	50	50	M12	M16	G3/8	4×18
50	48	138	176	240	210	147	40	195	28	25	50	50	M12	M16	G3/8	8×18
60	58	188	204	275	240	158	42	203	28	25	50	60	M12	M20	G3/8	8×22
80	78	212	234	305	270	170	45	240	34	30	60	60	M16	M20	G1/2	8×22
100	98	268	313	395	350	177	52	240	34	30	60	60	M16	M20	G1/2	12×22
100	98	268	313	395	350	177	52	240	34	30	60	60	M16	M20	G1/2	12×22
125	120	306	422	505	460	208	75	266	40	30	60	80	M20	M20	G1/2	4×22
140	135	306	422	505	460	223	79	282	40	30	60	80	M20	M20	G1/2	4×22
160	150	306	422	505	460	228	77	282	40	30	60	85	M20	M20	G1/2	4×22
160	150	306	422	505	460	228	77	282	40	30	60	85	M20	M20	G1/2	4×22
160	150	356	474	565	515	228	77	282	40	30	60	85	M20	M20	G1/2	4×26

BXMA0B05(M481)

Type：	Agitator Seal
Replacement：	Burgmann M481
Temperature：	-40 °C … +200
Pressure：	18 bar
Speed：	≤5m/s
Material：	See describe



d mm	d1	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	M1	M2	A, B	n x d8
40	38	90	110	175	145	122	87	28	136	15	143	M12	M16	G3/8	4×18
50	48	135	176	240	210	157	89	28	149	17	148	M12	M16	G3/8	8×18
60	58	135	176	240	210	168	93.5	28	156	17	158	M12	M16	G3/8	8×18
80	78	155	204	275	240	203	104.5	34	189	20	168	M16	M20	G1/2	8×22
100	98	190	234	305	270	228	109	34	190	20	178	M16	M20	G1/2	8×22
125	120	215	260	330	295	268	110	40	205	20	203	M20	M20	G1/2	8×22
140	135	250	313	395	350	285	124	40	222	20	208	M20	M20	G1/2	12×22
160	150	265	313	395	350	297	127.5	40	219.5	25	213	M20	M20	G1/2	12×22
180	170	310	364	445	400	332	132.5	45	230	25	233	M24	M20	G1/2	12×22
200	190	310	364	445	400	352	137.5	45	237.5	25	243	M24	M20	G1/2	12×22
220	210	340	422	505	460	381	149.5	50	249.5	25	263	M24	M20	G1/2	16×22

BXMA-M01(EKATO ESD 42)

Type：	Side Feed Type Mixer
Replacement：	Germany EKATO accessary Products
Temperature：	-20 to 150℃
Pressure：	≤0.8Mpa
Speed：	≤5m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M

***Product description**

Single cartridge mechanical seal for mixer application ,replacement Germany EKATO mixer accessory products.

***Apply to the host**

EKATO Company

***Product features**

Single cartridge seal

Pusher

Multiple springs seal

Independent of direction of rotation

Admissible axial movement ±1

***Product parameters**

Temperature: 150 ℃

Pressure: 0.8mpa

Rinse: External flushing circulation

Speed: 1450 r/min

Diameter: 60,80,100 mm

***Material**

Sealing ring : SiC
Other metal parts : 304/316L
Auxiliary seal : FPM/FKM/MVQ

***Applicable industries**:

Oil and gas industry,Metallurgy Coal chemical industry.

***Suitable pump**:

Mixer plant spray tower side agitator reactor stirrer.

***Replacement models**

Mechanical seal EKATO type ESD42L060R
Mechanical seal EKATO type ESD42L080R
Mechanical seal EKATO type ESD42L0100R

BXMA-M02(EKATO ESD 34G)

Type：	Mixer seal
Replacement：	EKATO ESD 34G
Temperature：	– 50 ~ 400 ºC
Pressure：	vacuum ~ 4 MPa
Speed：	5 m/s or less
Material：	SIC,TC,V,FFKM,EPDM,Aflas, SS316

Basic Features

- Structure: Double-End
- Pressure: High Pressure Mechanical Seals
- Speed: General Speed Mechanical Seal
- Temperature: High Temperature Mechanical Seal
- Performance: Wear
- Standard: Specifically Designed
- Model NO.: ESD34G
- Balance: Balanced
- Specification: Inner Diameter: 40 mm to 220 mm

Product Detailed Description

ESD34G Double Cartridge Mechanical Seal for EKATO Mixers

Structural Features: double end, liquid lubricated, two identical pairs of seal rings in a back-to-back arrangement, use of the modular design opens up many different extension options, with short heat trap or water jacket for cooling.

Industrial Standards: Specifically Designed

Scopes of Application: mainly used in EKATO mixers.

Operation Parameters:

- Pressure: vacuum ~ 4 MPa
- Temperature: – 50 ~ 400 ºC
- Linear Speed: 5 m/s or less

Materials:

- Rotary Ring Face: SiC/TC
- Stationary Ring Face: SiC/TC
- Elastomers: Viton/FFKM/EPDM/Aflas
- Metal Parts: SS316/SS316L

BXMA-M03(SHARPE 22 SV25M)

Type：	Side Feed Type Mixer seal
Replacement：	Austrialia SARDIK Mechanical Seal
Temperature：	-20℃ to +165℃
Pressure：	≤0.80Mpa
Speed：	≤5m/s
Material：	Q1，P，E，V，F，G

***Product description**

Single cartridge mechanical seal for mixer, agitator and reactor application,

replacement United States Sharp agitator accessory products.

***Apply to the host**

SHARPE Company

***Product features**

Single cartridge seal

Pusher

Multiple springs seal

Independent of direction of rotation

Admissible axial movement ±1

***Product parameters**

Temperature: 150 ℃

Pressure: 0.8mpa

Rinse: External flushing circulation

Speed: 1800 r/min

Diameter: 73.6 mm

***Material**

Sealing ring : SiC
Other metal parts : 304/316L
Auxiliary seal : FPM/FKM/MVQ

***Applicable industries**:

Power plant,Metallurgy,Coal chemical industry.

***Suitable pump**:

Mixer plant spray tower side agitator reactor stirrer

*** Common agitator type**:

SE3000, SE3700, SE4500.

BXMA-M04(SHARPE SCB 428-2.5)

Type：	Side Feed Type Mixer Seal
Replacement：	American SHARPE Mixer and Kettle Mechanical Seal
Temperature：	≤120℃
Pressure：	≤1.6Mpa
Speed：	≤1000r/min
Material：	Q1，Q2，A，B，U1，U2，P，E，V，T，F，G，T2，M5

***Product description**:

SCB428 series mechanical seals are designed for USE with SHARPE (USA) agitators. The mechanical

seal adopts the assembled type, single end face, multi-spring structure, which is mainly used in the side agitator of the absorber in the flue gas desulfurization unit of coal-fired power generation, and also in the reaction kettle of chemical industry, paper industry and so on. Axle diameter is 2.5 inches (61.9mm), 3 inches (74.6mm),3.5 inches (87.3mm).

***Apply to the host:** SHARPE mixer manufacturer.

***Product features:**

SHARPE(USA) series mechanical seals are short in axial size, compact in structure, easy to install, easy to use,high safety factor, durable in use, good stability, locking drive, arbitrary rotation. The seals can completely replace the mechanical seals on SHARPE agitator imported from USA.

***Product parameters:** Media: gypsum and lime slurry.
Temperature: ≤ 150 ℃
Pressure: ≤ 2.5mpa
Wash: P62

Speed: ≤ 10m/s
Axle diameter:2.5″ to 3.5″

***Applicable industry**:

Flue gas desulfurization, smelting, fine chemical industry, papermaking and other industries.

***Applicable pump**:

Spray tower side mixer, stainless steel reaction kettle.

***Replacement models**

25SV25M-5.34,

30SV25M-5.34, 30SV25M-5.67,

40SV30M-5.45,

50SV35M-4.34, 50SV30M-5.45, 50SV30M-5.61,

75SV35M-5.17

* **The common type Seals**:

SCB428-2.5″, SCB428-3″, SCB428-3.5″

BXMA-M05(Lightnin SVM)

Type：	Side Feed Type Mixer seal
Replacement：	American LIHGTNIN LN SVM
Temperature：	-20℃ to +165℃
Pressure：	≤0.80Mpa
Speed：	≤5m/s
Material：	Q1，P，E，V，F，G

Description:

* **The product description**: the product is sealed with no clogging centrifugal pump,

  and the structure form is a single end face structure of the assembly type.

* **Applicable host:**

  Lightnen

* **Product features:**

  Single end face set, static balance type.

  Multiple springs, free rotation.

  Horizontal installation, clamping type transmission.

  SiC, 304/316l, fluoro rubber/silicone rubber.

  Outside circulation flushing

BXMA-M06(Lightnin ECL)

Type：	Side Feed Type Mixer seal
Replacement：	American LIHGTNIN LN ECL
Temperature:	≤150℃
Pressure：	≤0.80Mpa
Speed：	≤1900r/min
Material：	Q1，Q2，A，B，U1，U2，P，E，V，T，F，G，T2，M5

Description:

* **The product description**: the product is sealed with no clogging centrifugal pump,

and the structure form is a single end face structure of the assembly type.

* **Applicable host:**

Lightnen

* **Product features:**

Single end face set, static balance type.

Multiple springs, free rotation.

Horizontal installation, clamping type transmission.

SiC, 304/316l, fluoro rubber/silicone rubber.

Outside circulation flushing

BXMA-M07(MUT 60)

Type：	Desulfurization Stirring Mechanical Seal
Replacement：	Germany MUT Mixer Seal
Temperature：	5℃ to +165℃
Pressure：	≤0.80Mpa
Speed：	≤1900r/min
Material	A，B，U1，U2，Q1，Q2，V，K，M5,G

***Description:**

TDSL series mechanical seal is supporting the MUT (Germany) mixer is special, the mechanical seal ring, quiet ring,

spring, auxiliary sealing ring, shaft sleeve, bearing an aggregation of main parts assembled together, is mainly used in coal-fired flue gas desulfurization device on agitator absorption tower in the side, also can be used in the chemical industry,paper making industry such as the reaction kettle.

***Apply to the host:** German MUT pump manufacturers.

***Product features:**

MUT(Germany) series mechanical seals have short axial size, compact structure, easy installation, simple use,

high safety factor, durability, good stability, clamping drive, arbitrary rotation.

***Product parameters:**

Temperature: ≤120 ℃

Pressure:≤ 2.5mpa

Speed:≤10m/min

Diameter:60mm to 120mm

Suitable medium: water, oil, acid, alkali and other corrosive medium

***Scope of application:**

Flue gas desulfurization, smelting, fine chemical industry, papermaking and other industries

***Applicable pumps:**

Desulfurization agitator.

***Applicable pump type:**

SR3D7F-15X, SR3D7F-22X, SR4D7F-30X, SR4D7F-37X, SR5D7F-55X.

***Seal Type:**

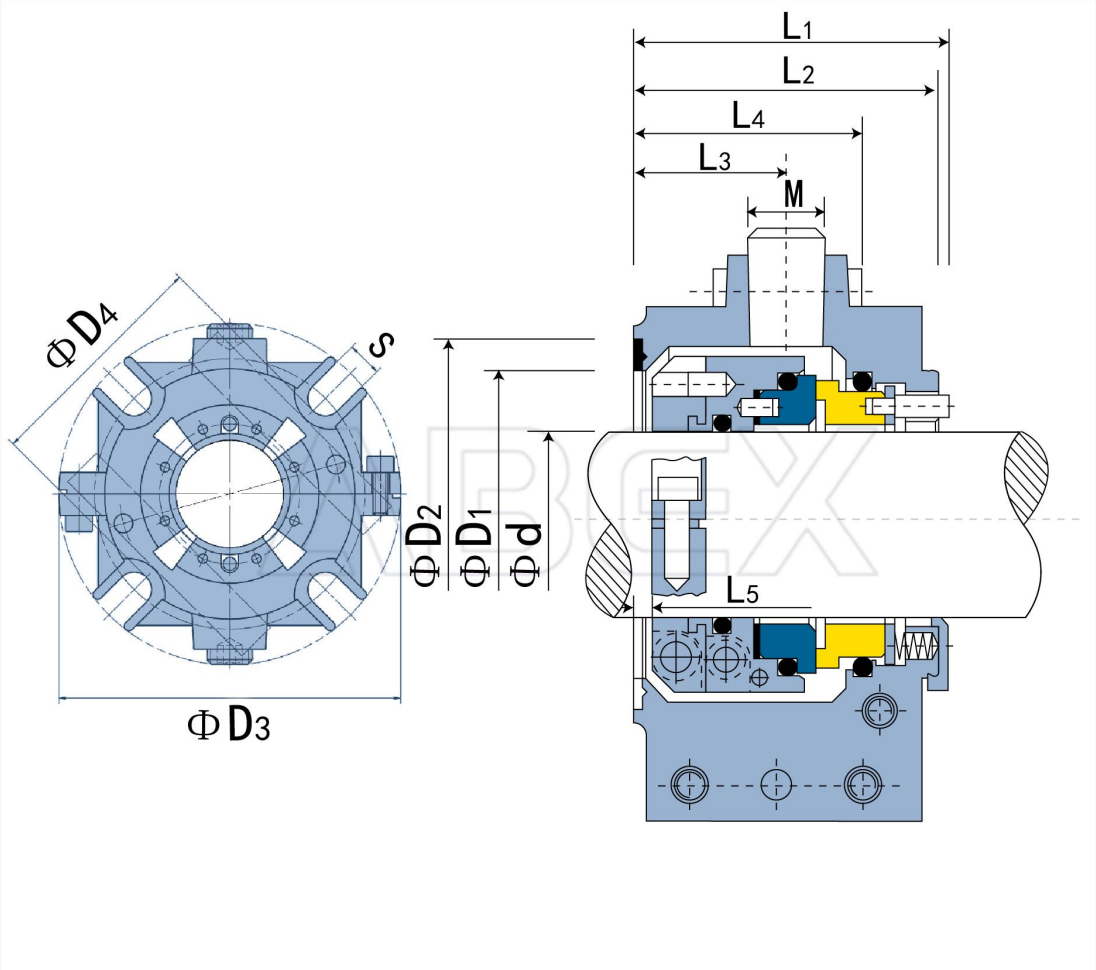
TDSL-60,TDSL-80, TDSL-100, TDSL-120,

MUT-60, MUT-80, MUT-100, MUT-120

Split Seals

BXSL-B01(Splitex)

Type:	Split Seal
Replacement:	Burgmann Splitex
Temperature:	-40 … +150 °C
Pressure:	10 bar
Speed:	10 m/s
Material:	See describe

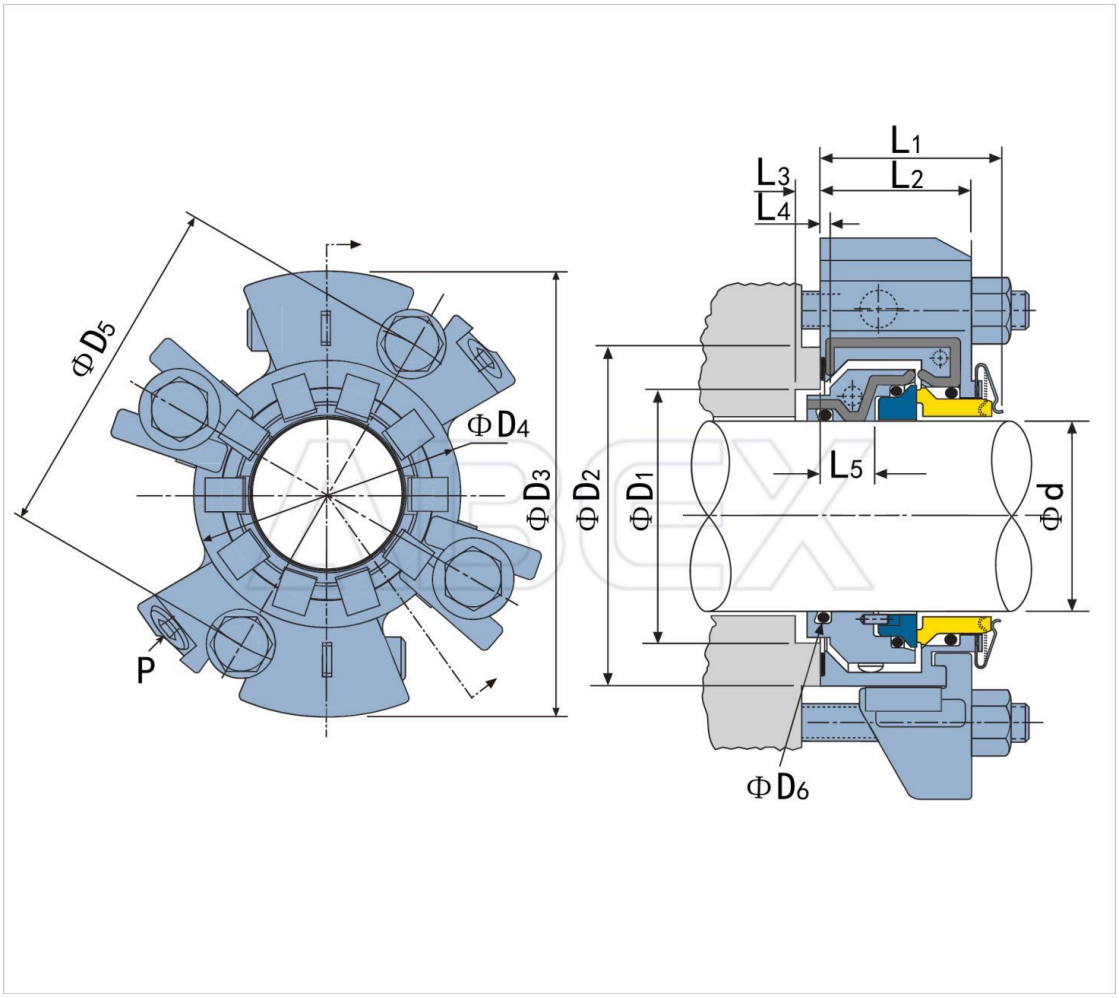


d	d	D1	D2	D3	D4	L1	L1	L3	L4	L5	S	M
mm	inch											
50	1.969	75	84	138	88	63	61	30	45	3	15	3/8 NPT
60	2.362	89	101	149	105	64	62	30	46	3	17,5	3/8 NPT
70	2.756	98	113	176	118	64	62	30	46	3	20	3/8 NPT
80	3.15	110	132	191	135	65	63	31	47	3	20	3/8 NPT
90	3.543	121	140	203	145	72.5	70.5	31.5	50.5	3	22	1/2 NPT
100	3.937	131	150	216	155	72.5	70.5	31.5	50.5	3	22	1/2 NPT
110	4.331	142	165	230	170	72.5	70.5	31.5	50.5	3	22	1/2 NPT
120	4.724	152	175	240	180	72.5	70.5	31.5	50.5	3	22	1/2 NPT
125	4.921	162	185	268	190	89.5	87.5	43.5	62.5	4	26	1/2 NPT
140	5.512	175	200	303	205	89.5	87.5	43.5	62	4	26	1/2 NPT
150	5.906	188	215	308	220	89.5	87.5	43.5	62.5	4	26	1/2 NPT

d	d	D1	D2	D3	D4	L1	L2	L3	L4	L5	S	M
inch	mm											
1.94	49.276	2.953	3.307	5.433	3.456	2.48	2.402	1.181	1.772	0.118	0.591	3/8 NPT
2	50.8	2.953	3.307	5.433	3.456	2.48	2.402	1.181	1.772	0.118	0.591	3/8 NPT
2.125	53.975	3.11	3.465	5.787	3.622	2.48	2.402	1.142	1.772	0.118	0.591	3/8 NPT
2.375	60.325	3.504	3.976	5.866	4.134	2.52	2.441	1.181	1.811	0.118	0.689	3/8 NPT
2.438	61.925	3.642	4.114	6.181	4.272	2.52	2.441	1.181	1.811	0.118	0.689	3/8 NPT
2.5	63.5	3.642	4.114	6.181	4.272	2.52	2.441	1.181	1.811	0.118	0.689	3/8 NPT
2.75	69.85	3.858	4.449	6.929	4.646	2.52	2.441	1.181	1.811	0.118	0.787	3/8 NPT
2.938	74.625	4.213	4.803	7.559	5	2.559	2.48	1.299	1.85	0.118	0.787	3/8 NPT
3	76.2	4.213	4.803	7.559	5	2.559	2.48	1.299	1.85	0.118	0.787	3/8 NPT
3.25	82.55	4.331	5.197	7.52	5.315	2.559	2.48	1.22	1.85	0.118	0.787	3/8 NPT
3.5	88.9	4.764	5.512	7.992	5.709	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
3.625	92.075	4.764	5.512	7.992	5.709	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
3.75	95.25	4.921	5.63	8.11	5.827	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
3.875	98.425	5.157	5.906	8.504	6.102	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
4	101.6	5.157	5.906	8.504	6.102	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
4.25	107.95	5.591	6.496	9.055	6.693	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
4.5	114.3	5.984	6.89	9.449	7.087	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
4.75	120.65	5.984	6.89	9.449	7.087	2.854	2.776	1.24	1.988	0.118	0.866	1/2 NPT
5	127	6.378	7.283	10.551	7.48	3.524	3.445	1.713	2.461	0.157	1.024	1/2 NPT
5.5	139.7	6.89	7.874	11.929	8.071	3.524	3.445	1.713	2.461	0.157	1.024	1/2 NPT
6	152.4	7.402	8.465	12.126	8.661	3.524	3.445	1.713	2.461	0.157	1.024	1/2 NPT

BXSL-C01(442)

Type：	Split Seal
Replacement：	Chesterton 442
Temperature：	-40 to +240℃
Pressure：	≤2.5Mpa
Speed：	≤20m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M

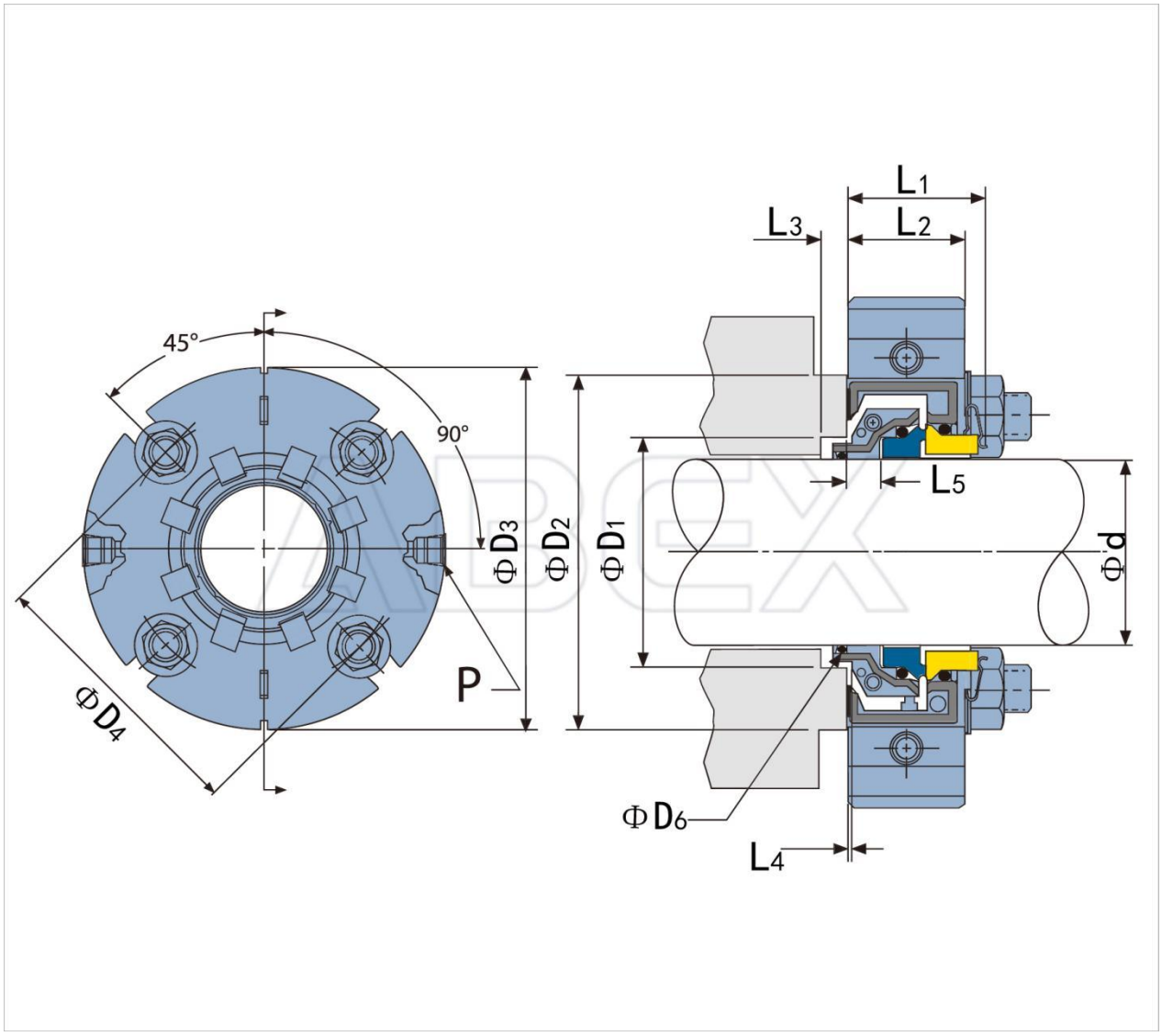


d	D1		D2	D3	D4	D5 min (mm)								D6	L1	L2	L3	L4	L5
mm	min	max	min	max	max	8	10	12	14	16	18	20	22				min		
32	47.2	53.3	59.9	125.5	70.9	79.8	81.8	83.8	85.8	87.8	–	–	–	-219	45.2	37.6	4.3	2.4	13.5
33	47.2	53.3	59.9	125.5	70.9	79.8	81.8	83.8	85.8	87.8	–	–	–	-220	45.2	37.6	4.3	2.4	13.5
35	49.3	60.5	66.8	127.4	72.8	81.8	83.8	85.8	87.8	89.8	–	–	–	-221	45.2	37.6	4.3	2.4	13.5
38	52.3	63.5	69.9	130.5	76	85	87	89	91	93	–	–	–	-223	45.2	37.6	4.3	2.4	13.5
40	55.6	66.8	73.2	133.6	79	87.4	89.4	91.4	93.4	95.4	–	–	–	-223	45.2	37.6	4.3	2.4	13.5
43	58.7	70	76.2	136.8	82	90.5	92.5	94.5	96.5	98.5	–	–	–	-224	45.2	37.6	4.3	2.4	13.5
45	58.7	70	76.2	136.8	82	90.5	92.5	94.5	96.5	98.5	–	–	–	-225	45.2	37.6	4.3	2.4	13.5
48	62	73.2	79.5	140	85.2	97.7	95.7	97.7	99.7	101.7	–	–	–	-226	45.2	37.6	4.3	2.4	13.5
50	65	76.2	82.6	143.2	88.4	98.4	100.4	102.4	104.4	106.4	–	–	–	-226	45.2	37.6	4.3	2.4	13.5
55	68.3	79.2	85.9	146.3	91.5	101.6	103.6	105.6	107.6	109.6	–	–	–	-228	45.2	37.6	4.3	2.4	13.5
60	74.7	85.6	92.2	152.6	97.9	107.8	109.8	111.8	113.8	115.8	–	–	–	-230	45.2	37.6	4.3	2.4	13.5
65	85.1	108	120.7	197.5	126.9	–	–	140.6	142.6	144.6	–	–	–	-231	56.9	46.7	6.6	2.4	13.5
70	85.1	108	120.7	197.5	126.9	–	–	140.6	142.6	144.6	–	–	–	-233	56.9	46.7	6.6	2.4	13.5
75	91.4	114.3	127	203.8	133.2	–	–	146.2	148.2	150.2	–	–	–	-234	56.9	46.7	6.6	2.4	13.5
80	97.8	120.7	133.4	210.2	139.5	–	–	154.8	156.8	158.8	160.8	–	–	-236	56.9	46.7	6.6	2.4	13.5
85	104.1	127	139.7	216.5	145.9	–	–	158.9	160.9	162.9	164.9	166.9	–	-237	56.9	46.7	6.6	2.4	13.5
90	104.1	127	139.7	216.5	145.9	–	–	158.9	160.9	162.9	164.9	166.9	–	-239	56.9	46.7	6.6	2.4	13.5
95	110.5	133.4	146.1	222.9	152.3	–	–	165.3	167.3	169.3	171.3	173.3	–	-241	56.9	46.7	6.6	2.4	13.5
100	116.8	139.7	152.4	229.2	158.6	–	–	171.6	173.6	175.6	177.6	179.6	–	-242	56.9	46.7	6.6	2.4	13.5
110	129.5	152.4	165.1	241.9	171.3	–	–	184.3	186.3	188.3	190.3	192.3	–	-245	56.9	46.7	6.6	2.4	13.5
115	129.5	152.4	165.1	241.9	171.3	–	–	184.3	186.3	188.3	190.3	192.3	–	-247	56.9	46.7	6.6	2.4	13.5
120	135.9	158.8	171.5	248.3	177.7	–	–	190.6	192.6	194.6	196.6	198.6	–	-248	56.9	46.7	6.6	2.4	13.5
125	150.1	177.8	190.5	286.4	196.5	–	–	–	–	–	214.5	216.5	218.5	-354	87.6	73.9	7.4	4.8	26
130	155.1	184.2	196.9	292.8	202.9	–	–	–	–	–	220.9	222.9	224.9	-355	87.6	73.9	7.4	4.8	26
135	160.1	190.5	203.2	299.1	209.3	–	–	–	–	–	227.3	229.3	231.3	-356	87.6	73.9	7.4	4.8	26
140	165.2	190.5	203.2	299.1	209.3	–	–	–	–	–	227.3	229.3	231.3	-358	87.6	73.9	7.4	4.8	26

d	D1		D2	D3	D4	D5 min (mm)								D6	L1	L2	L3	L4	L5
mm	min	max	min	max	max	8	10	12	14	16	18	20	22				min		
145	170.2	196.9	209.6	305.5	215.7	–	–	–	–	–	233.7	235.7	237.7	-360	87.6	73.9	7.4	4.8	26
150	175.2	203.2	215.9	311.8	222.1	–	–	–	–	–	240.1	242.1	244.1	-361	87.6	73.9	7.4	4.8	26
155	180.1	209.6	222.3	318.2	228.4	–	–	–	–	–	246.4	248.4	250.4	-362	87.6	73.9	7.4	4.8	26
160	185.1	215.9	228.6	324.5	234.8	–	–	–	–	–	252.8	254.8	256.8	-363	87.6	73.9	7.4	4.8	26
165	190.1	215.9	228.6	324.5	234.8	–	–	–	–	–	259.2	261.2	263.2	-364	87.6	73.9	7.4	4.8	26
170	195.1	222.3	235	330.9	241.2	–	–	–	–	–	259.2	261.2	263.2	-364	87.6	73.9	7.4	4.8	26
175	200.2	228.6	241.3	337.2	247.6	–	–	–	–	–	265.6	267.6	269.6	-365	87.6	73.9	7.4	4.8	26
180	205.2	228.6	247.7	337.2	247.6	–	–	–	–	–	272	274	276	-366	87.6	73.9	7.4	4.8	26
185	210.2	235	247.7	343.6	254	–	–	–	–	–	272	274	276	-367	87.6	73.9	7.4	4.8	26
190	215.1	241.3	254	349.9	260.4	–	–	–	–	–	278.4	280.4	282.4	-368	87.6	73.9	7.4	4.8	26
195	220.1	247.7	260.4	356.3	266.8	–	–	–	–	–	284.8	286.8	288.8	-368	87.6	73.9	7.4	4.8	26

BXSL-C03(442M)

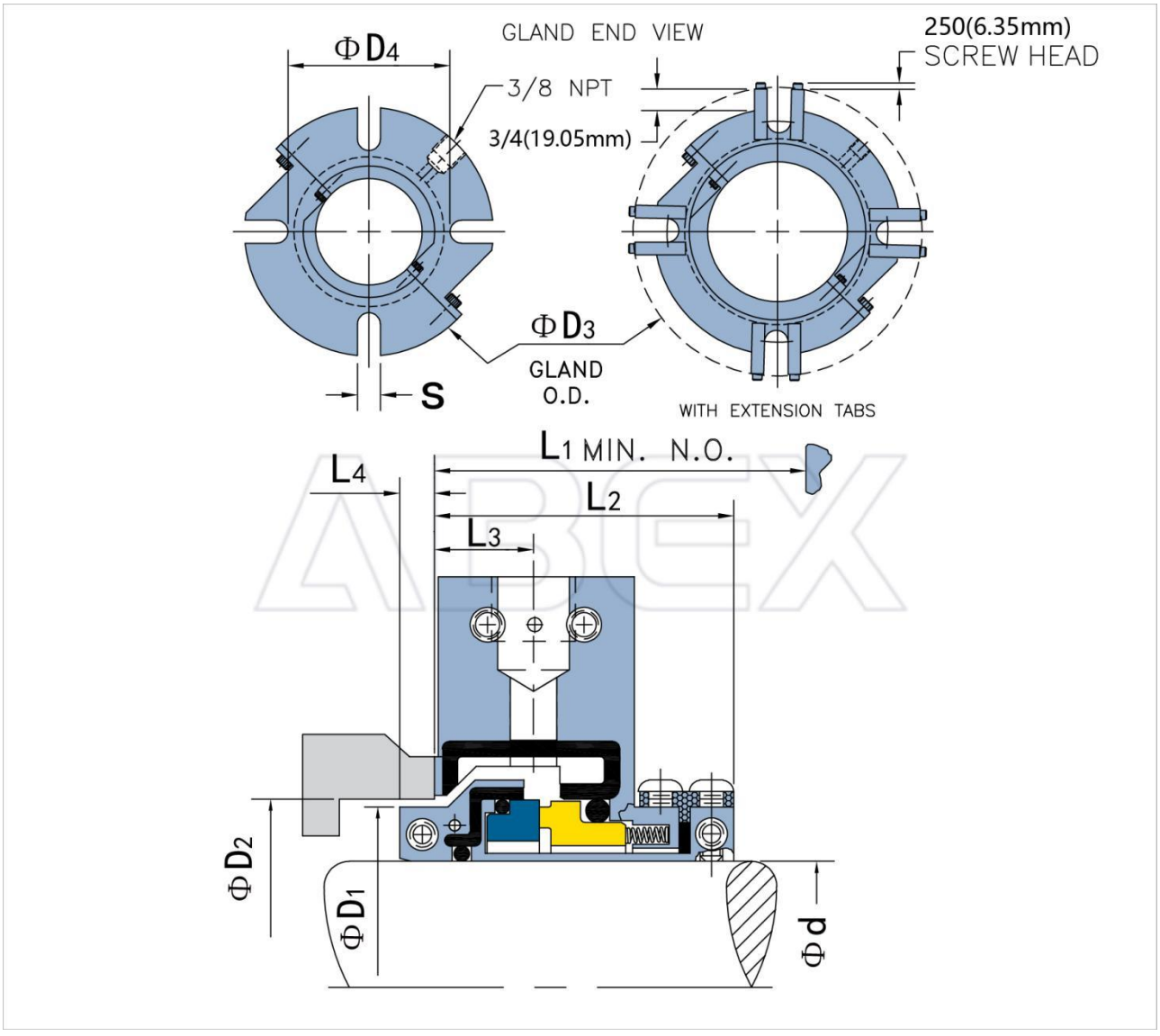
Type：	Split Seal
Replacement：	Chesterton 442M
Temperature：	-40 to +240℃
Pressure：	≤2.5Mpa
Speed：	≤35m/s
Material：	Q1,Q2,U2,T,V,M1,F,G,M



d	D1		D2	D3	D4 min(mm)						D6	L1	L2	L3	L4	L5	P
mm	min	max		max	8	10	12	14	16	18				min			
38	53.6	67.4	73.8	134.1	90.6	92.6	94.6	–	–	–	223	45.2	37.6	4.3	2.4	13.5	1/4.
40	56.8	70.2	76.2	137.3	93	95	97	–	–	–	223	45.2	37.6	4.3	2.4	13.5	1/4.
43	60	73.4	79.2	140.5	96.1	98.1	100.1	–	–	–	224	45.2	37.6	4.3	2.4	13.5	1/4.
45	60	73.4	79.2	140.5	96.1	98.1	100.1	–	–	–	225	45.2	37.6	4.3	2.4	13.5	1/4.
48	63.1	76.6	82.6	143.6	99.4	101.4	103.4	–	–	–	226	45.2	37.6	4.3	2.4	13.5	1/4.
50	66.3	80.3	86.4	146.8	104.5	106.5	108.5	110.5	–	–	226	45.2	37.6	4.3	2.4	13.5	1/4.
55	69.5	83.3	89.7	150	107.8	109.8	111.8	113.8	–	–	228	45.2	37.6	4.3	2.4	13.5	1/4.
60	75.8	94.1	101.6	156.3	119.7	121.7	123.7	125.7	–	–	230	45.2	37.6	4.3	2.4	13.5	1/4.
65	87.9	115.1	127.8	204.1	145.9	147.9	149.9	151.9	–	–	231	56.9	46.7	6.6	2.4	13.5	1/4.
70	87.9	115.1	127.8	204.1	145.9	147.9	149.9	151.9	–	–	233	56.9	46.7	6.6	2.4	13.5	1/4.
75	94.2	121.4	134.1	210.4	152.2	154.2	156.2	158.2	–	–	234	56.9	46.7	6.6	2.4	13.5	1/4.
80	100.6	127.8	140.5	216.8	157.6	159.6	161.6	163.6	165.6	167.6	236	56.9	46.7	6.6	2.4	13.5	1/4.
85	106.9	134.1	146.8	223.1	164	166	168	170	172	174	237	56.9	46.7	6.6	2.4	13.5	1/4.
90	106.9	134.1	146.8	223.1	164	166	168	170	172	174	239	56.9	46.7	6.6	2.4	13.5	1/4.
95	113.3	140.5	153.2	229.5	170.3	172.3	174.3	176.3	178.3	180.3	241	56.9	46.7	6.6	2.4	13.5	1/4.
100	119.6	146.8	159.5	235.8	176.7	178.7	180.7	182.7	184.7	186.7	242	56.9	46.7	6.6	2.4	13.5	1/4.
110	132.3	159.5	172.2	248.5	189.4	191.4	193.4	195.4	197.4	199.4	245	56.9	46.7	6.6	2.4	13.5	1/4.
115	132.3	159.5	172.2	248.5	189.4	191.4	193.4	195.4	197.4	199.4	247	56.9	46.7	6.6	2.4	13.5	1/4.
120	138.7	159.5	172.2	254.9	189.4	191.4	193.4	195.4	197.4	199.4	248	56.9	46.7	6.6	2.4	13.5	3/8.

BXSL-FX01(85)

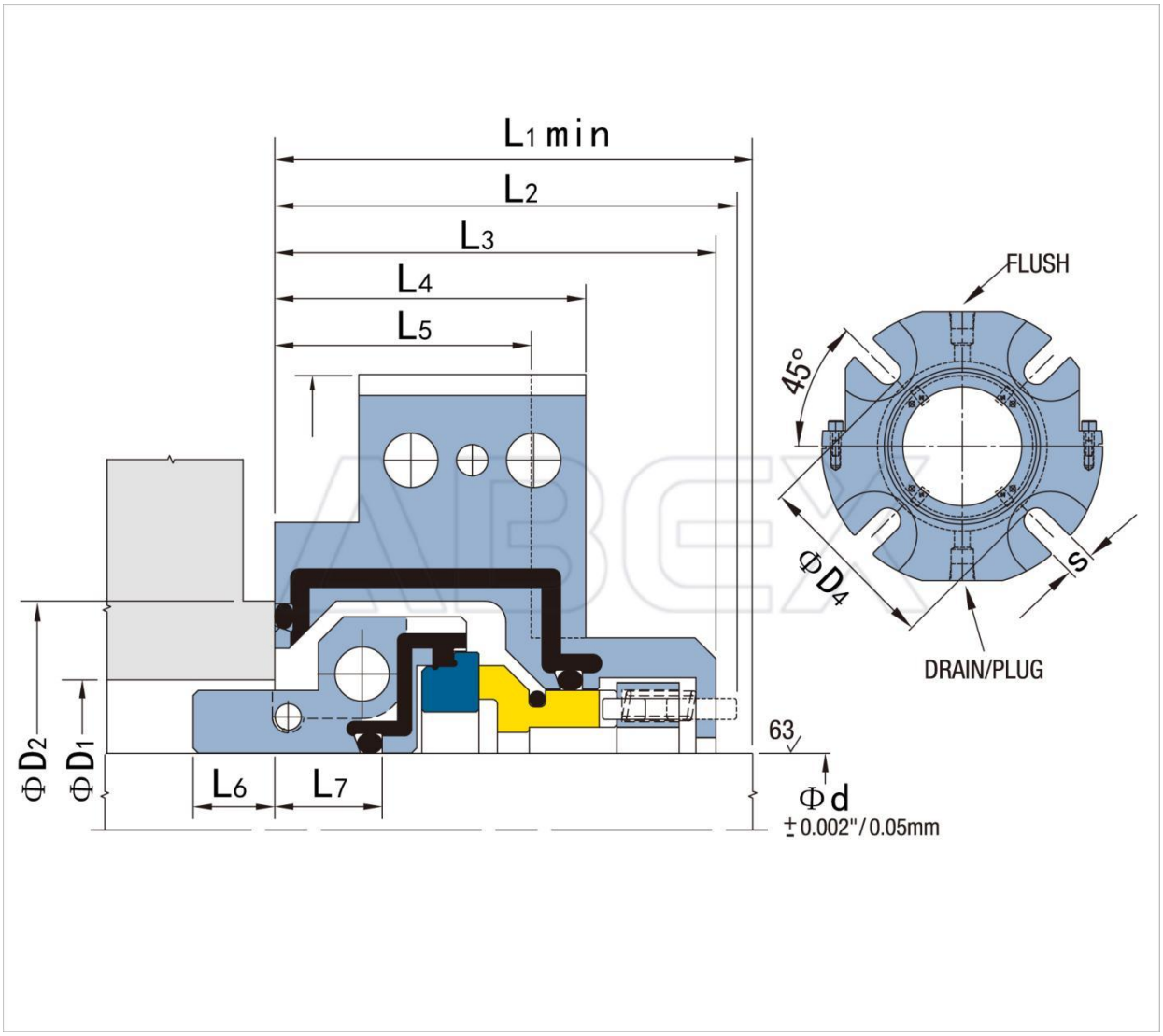
Type：	Split Seal
Replacement：	Flexa 85
Temperature：	≤121℃
Pressure：	≤30.0 Bar
Speed：	≤17.7m/s
Material：	A,B,Q,G,M,V



d	D1	D2		D3	D4	L1	L2	L3	L4	S
mm		min.	max.							
45	65.1	66.68	76.2	140	84.9	64	54	16.7	6.35	14.3
48	68.2	68.85	79.38	140	90.5	64	54	16.7	6.35	14.3
50	68.2	68.85	79.38	140	90.5	64	54	16.7	6.35	14.3
55	77.8	79.4	88.9	159	100	64	54	16.7	6.35	17.4
60	81	85.73	95.25	165	104.8	64	54	16.7	6.35	17.4
62	81	85.73	95.25	165	104.8	64	54	16.7	6.35	17.4
65	85	88.9	98.4	165	112.8	64	54	16.7	6.35	17.4
68	90.5	92.08	104.78	169	112.8	64	54	16.7	6.35	17.4
70	90.5	92.08	104.78	197	112.8	64	54	16.7	6.35	17.4
71	93.6	96.8	107.9	198	122.2	64	54	16.7	6.35	17.4
75	96.8	100	111.1	203	125.4	64	54	16.7	6.35	17.4
80	106.4	108	120.65	210	131.8	72	62	20.6	7.14	20.6
87	112.7	114.3	127	216	138.1	72	62	20.6	7.14	20.6
90	115.9	117.5	130.2	219	141.3	72	62	20.6	7.14	20.6
95	117.5	119.05	130.18	222	144.5	72	62	20.6	7.14	20.6
100	125.4	127	136.52	224	147.6	72	62	20.6	7.14	20.6
110	135	136.5	149.2	235	163.5	72	62	20.6	7.14	20.6
115	140.5	142.9	155.6	248	173	72	62	20.6	7.14	20.6
120	143.7	146.05	158.75	248	176.2	72	62	20.6	7.14	20.6
125	157.2	160.3	171.4	273	185.7	96.8	77.8	23.4	9.5	23.8
140	169.9	173	184.1	292	198.4	97	78	23.4	9.5	23.8
145	176.2	179.4	193.7	305	207.2	96.8	77.8	23.4	9.5	23.8
150	182.6	185.7	200	311	214.3	96.8	77.8	23.4	9.5	23.8
160	195.3	198.4	212.7	311	223.8	96.8	77.8	23.4	9.5	23.8
180	214.3	217.5	231.8	343	247.6	101.6	82.6	23.4	9.5	23.8
219	250.8	254	269.9	432	285.8	101.6	82.6	23.4	9.5	31.7

BXSL-J01(3740)

Type：	Split Seal
Replacement：	John Crane 3740
Temperature：	250°F/121°C.
Pressure：	31.0 bar
Speed:	3500fpm
Material	A,B,Q,G,M,V



d	D1		D2	D3	D4	L1	L2	L3	L4	L5	L6	L7	S
mm	min	max	min			min							
40	57.15	70.61	76.96	139.7	80.98	54.1	52.58	50.29	38.1	31.75	9.53	12.07	14.27
45	60.33	69.85	76.2	139.7	84.15	54.1	52.58	50.29	38.1	31.75	9.53	12.07	14.27
50	66.68	76.2	82.55	146.05	90.5	54.1	52.58	50.29	38.1	31.75	9.53	12.07	14.27
55	74.63	85.73	92.08	158.75	100	54.1	52.58	50.29	38.1	31.75	9.53	12.07	17.48
60	76.2	88.9	95.25	158.75	100	54.1	52.58	50.29	38.1	31.75	9.53	12.07	17.48
65	88.9	99.19	105.54	177.8	114.3	59.69	58.17	50.5	41.28	34.93	9.27	13.84	17.48
70	88.9	99.19	105.54	177.8	114.3	59.69	58.17	50.5	41.28	34.93	9.27	13.84	17.48
75	95.25	111.13	117.48	190.5	120.65	59.69	58.17	50.5	41.28	34.93	9.27	13.84	17.48
80	98.43	110.31	116.66	196.85	127	59.69	58.17	50.5	41.28	34.93	9.27	13.84	17.48
85	107.95	123.19	129.54	203.2	133.35	59.69	58.17	50.5	41.28	34.93	9.27	13.84	20.62
90	114.3	132.59	138.94	228.6	150.83	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
95	114.3	132.59	138.94	228.6	150.83	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
100	120.65	138.13	144.48	228.6	150.83	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
105	127	144.48	150.83	241.3	163.53	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
110	133.35	150.83	157.18	241.3	163.53	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
115	133.35	152.4	158.75	241.3	163.53	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
120	139.7	157.18	163.53	254	176.23	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
125	146.05	163.53	169.88	254	176.23	72.14	69.85	66.68	46.99	38.86	12.32	16.26	20.62
130	152.4	173.05	179.4	292.1	204.77	72.14	69.85	66.68	46.99	38.86	12.32	16.26	23.83
135	158.75	180.16	186.51	292.1	204.77	72.14	69.85	66.68	46.99	38.86	12.32	16.26	23.83
140	158.75	176.23	182.58	292.1	204.77	72.14	69.85	66.68	46.99	38.86	12.32	16.26	23.83
145	165.1	182.58	188.93	292.1	204.77	72.14	69.85	66.68	46.99	38.86	12.32	16.26	23.83
150	171.45	188.93	195.28	292.1	204.77	72.14	69.85	66.68	46.99	38.86	12.32	16.26	23.83

Dry Gas Seals

BXDG-01(WKA 1200)

Type：	Carbon Ring Barrier Seals
Replacement：	Burgmann WKA 1200
Temperature：	-120 … +225 °C
Pressure：	250 bar
Speed：	240 m/s
Material：	See description

Description

This is Carbon Floating Ring Seal, can replace Burgmann WKA 1200.

Features

The proven carbon floating ring seal – Optimized to meet the highest standards

- Available as modular Cartridge-Seal
- Flexible layout due to operating parameters
- Weight optimized
- Minimal vibrating mass
- High operational realiability

Advantages

- Plug & Run
- Long-term operation time
- More compact design for tight installation spaces
- Durable ring design with a robust anti-rotation device
- Contactless, low-wear technology ensures maximum operational reliability

Operating range

Shaft diameter:
d = 20 … 200 mm (0.79″ … 7.87″)
Operating pressure:
p = vacuum … 250 bar (3.626 PSI) abs.
Operating temperature*:
t = -120 … +225 °C (-184 °F … +437 °F)
Sliding velocity: vg = max. 240 m/s (787 ft/s)
Shaft requirements:
Recommended surface roughness: Rz4
Recommended wear guard: >58 HRC

* Higher operating temperatures possible on request

Materials

Seal ring: Carbon with titanium bandage
Chamber and housing parts: 1.4021, 1.4571, Hastelloy®, Titan, Inconel®, others
Secondardy seal (elastomer): Fluorocarbon rubber (Viton®), Perfluorocarbon rubber (FFKM), special PTFE seals on request
Secondary seal (flat gasket): Statotherm®-HT/HD, Burasil

BXDG-02

Type：	Dry Gas Seal
Replacement：	Customized Dry Gas Seal for Compressors
Temperature：	-200 °C … +230 °C
Pressure：	≤450 bar
Speed：	≤15m/s
Material：	As customer’s Requirements

Description

This is Customized Dry Gas Seal for Compressors.

Dry gas seal is a non-contact type of seal with the following key features:

1. **Non-Contact Seal**: The rotating and stationary rings are separated by a gas film, resulting in minimal operating energy consumption. It is an energy-efficient sealing solution with a long service life.
2. **Elimination of Large Seal Oil Systems**: Dry gas seals do not require extensive seal oil systems, reducing overall costs.
3. **Simple Operation and High Reliability**: These seals are easy to operate and highly reliable.
4. **Low Operating and Maintenance Costs**: Dry gas seals have low operational and maintenance expenses and require minimal space.
5. **Complex Structure and Technical Challenges**: The design of dry gas seals is intricate and technically demanding, requiring high manufacturing and installation precision as well as a clean gas source.

Working Principle
Dry gas seals operate non-contact by incorporating dynamic pressure grooves on the rotating ring and utilizing an auxiliary system. The stationary ring is spring-loaded and assisted by O-rings for sealing. When the rotating ring spins, the hydrodynamic grooves pump high-pressure barrier gas into the sealing interface, forming an extremely thin gas film that completely blocks leakage paths, achieving zero leakage or zero emissions.

Applications
Dry gas seals are suitable for shaft-end sealing in high-speed and high-pressure equipment,

particularly in the petrochemical industry and other applications involving hazardous gas compressors. They are available in various configurations, including single seals, double seals, tandem seals, and tandem seals with intermediate labyrinths, allowing selection based on specific operating conditions.

BXDG-03

Type：	Dry Gas Seal
Replacement：	Customized Dry Gas Seal for Compressors
Temperature：	-200 °C … +230 °C
Pressure：	≤450 bar
Speed：	≤15m/s
Material：	As customer’s Requirements

This is Customized Dry Gas Seal for Compressors.

Dry Gas Seal (DGS) is a non-contact mechanical sealing technology used in rotating machinery (e.g., centrifugal compressors, turbines). Its core principle relies on the gas dynamic pressure effect to form a micron-level gas film, enabling sealing functionality while avoiding friction and wear. Below is a detailed explanation of its working principle:

1. Basic Structure

The dry gas seal primarily consists of two key components:

- **Rotating Ring**: Rotates with the shaft, featuring precisely machined spiral grooves (typically

at micron-level depth) on its surface.

Stationary Ring: Fixed in the seal housing, forming the sealing interface with the rotating ring.

2. Working Principle

(1) Dynamic Pressure Effect of Spiral Grooves

When the shaft rotates, the spiral grooves on the rotating ring drive the sealing gas (e.g., nitrogen, air, or process gas) to flow along the grooves.

The geometric design of the grooves (e.g., depth, angle, quantity) compresses the gas at the groove roots, generating a dynamic pressure effect (similar to an air cushion). This forms an extremely thin, stable gas film (typically 3–5 μm) between the rotating and stationary rings.

(2) Non-Contact Sealing

The gas film maintains a micron-level gap between the rotating and stationary rings, preventing direct contact and eliminating friction and wear.

The gas film pressure balances with the sealed medium pressure, preventing process gas leakage while blocking external contaminants from entering the equipment.

(3) Leakage Control

A minimal amount of gas (referred to as “buffer gas” or “barrier gas”) leaks from the high-pressure side (process side) to the low-pressure side (atmospheric side). However, the leakage rate is extremely low (typically less than 1 Nm^3/h), meeting environmental and safety requirements.

3. Key Features

- **Lubrication-Free**: No liquid lubricant required, avoiding contamination of the process medium.
- **Long Service Life**: Non-contact design minimizes wear, with a lifespan of up to tens of thousands of hours.
- **High-Speed Adaptability**: Suitable for high-speed rotating equipment (linear speeds exceeding 200 m/s).
- **High Temperature/Pressure Resistance**: Capable of operating under high temperatures (above 300°C) and high pressures (exceeding 10 MPa).

4. Application Fields

Dry gas seals are widely used in:

- Centrifugal compressors (natural gas, petrochemical industries)
- Turbine expanders
- High-speed pumps
- Reactor agitator shaft sealing

5. Comparison with Traditional Seals

- **Traditional Contact Seals**: Rely on frictional contact, require lubricating oil, are prone to wear, and have a short lifespan.
- **Dry Gas Seals**: Utilize a gas film for non-contact sealing, eliminate wear, reduce maintenance costs, and ensure high reliability.

6. Summary

Dry gas seals achieve non-contact sealing through the dynamic pressure gas film generated by spiral grooves. They combine high efficiency, long service life, and environmental benefits, making them a key technology in modern high-speed rotating equipment. The core of their performance lies in the precision-machined spiral groove design and the ingenious application of gas dynamics.

BXDG-04(28XP)

Type：	Non-Contacting Dry Gas Seal for Turbo Compressors
Replacement：	John Crane 28XP
Temperature：	-140°C to 315°C
Pressure：	180bar
Speed：	200m/s
Material：	As Customer’s requirements.

Description

This Dry Gas Seal can replace John Crane 28XP: Possibly the most popular seal in the range today, the Type 28XP builds on the 28AT design and seals medium to high pressures with improved chemical resistance. It can also operate over a wider temperature range and is increasingly the preferred product for large sizes, and for applications requiring slow roll and coast-down where dry gas (very low dew point) conditions and rotational speeds lower than the lift off speed of the gas seal create arduous contacting operation. Type 28XP seals are also available with Carbon LF™ primary ring material for improved friction and wear-resistance for contacting operation in dry gas (very low dew point) conditions.

Features

- Cartridge design
- Unidirectional or bidirectional capability
- Single, double-opposed or tandem configuration
- Robust design with unparalleled field-proven pedigree

Parameters

Temperature: -220°F to 600°F/-140°C to 315°C, dependent on overall duty conditions.

Pressure： 180bar。

Speed： 660fps/200m/s。

Size： 13.75″-350mm

BXDG-05(GasPac)

Type：	Dry Gas Seal for Centrifugal Compressor
Replacement：	Flowserve Gaspac
Temperature：	-200 °C … +230 °C
Pressure：	≤450 bar
Speed：	≤15m/s
Material：	As customer’s Requirements

Description

This Dry Gas Seal can replace Flowserve GasPac , incorporate non contacting lift-off technology to provide low break away torque and reliable performance under all operating conditions. The Gaspac is a standardized modular design in various configurations.

The Flowserve Gaspac is a typical design dry gas seal that is very popular around the world. Because this dry gas seal has the following advantages:

Gaspac Design Features:**

● Customizable structure tailored to specific working conditions

● High pressure resistance up to 6,300 psi (435 bar) per sealing end

● High-speed resistance up to 300 m/s

● Lightweight materials reduce dynamic impact on sealing faces

● Low leakage rate

● Multiple optional material combinations

● Standardized components with proven reliable designs

● Each seal undergoes dynamic running tests before shipment to ensure high-quality reliability

● Narrow-cavity design suitable for screw compressors

BXDG-06(GasPac T)

Type：	Dry Gas Seal for Centrifugal Compressor
Replacement：	Flowserve GasPac T
Temperature：	-200 °C … +230 °C
Pressure：	≤450 bar
Speed：	≤15m/s
Material：	As customer’s Requirements

Description

This Dry Gas Seal can replace Flowserve Gaspac, incorporate non contacting lift-off technology to provide low break away torque and reliable performance under all operating conditions. The Gaspac is a standardized modular design in various configurations.

The Flowserve Gaspac is a typical design dry gas seal that is very popular around the world. Because this dry gas seal has the following advantages:

Gaspac Design Features:**

- Customizable structure tailored to specific working conditions
- High pressure resistance up to 6,300 psi (435 bar) per sealing end
- High-speed resistance up to 300 m/s
- Lightweight materials reduce dynamic impact on sealing faces

● Low leakage rate

● Multiple optional material combinations

● Standardized components with proven reliable designs

● Each seal undergoes dynamic running tests before shipment to ensure high-quality reliability

● Narrow-cavity design suitable for screw compressors

BXDG-11(GF200)

Type：	Dry Gas Seal
Replacement：	Flowserve GF200
Temperature：	≤260 °C
Pressure：	≤260 °C
Speed：	1.3–25 m/s
Material：	See discribe

Description

Dry Gas seal, can replace Flowserve GF200.

A double-seal, non-contact, bidirectional design used in applications where leakage of hazardous pumped media is unacceptable. The seal employs inert gas as a lubricating medium, eliminating the need for buffer fluid and preventing contamination of the process fluid. It provides enhanced protection—even if the outer seal fails, no leakage occurs. Prior to operation, the spiral groove system is tested to ensure lift-off at low speeds, low gas leakage, and non-contact sealing faces.

Sealing Parameters

- Pressure: 0–34.5 bar
- Temperature: ≤260 °C

- Linear Speed: 1.3–25 m/s
- Shaft Diameter Range: 25 mm–152 mm

Materials

Seal face: Silicon carbide with DLC- or DiamondFace-coating

Seat: Silicon carbide with DLC- or DiamondFace-coating

Secondary seals: PTFE or FKM

Metal parts: 1.4006, 1.4313-QT650, 1.4418, 1.4542, Inconel® or other stainless steels

BXDG-12

Type：	High-Pressure Reactor Dry Gas seal for Mixers
Replacement：	
Temperature：	-30℃-260℃
Pressure：	≤1.6MPa
Speed：	500~3000rpm
Material：	As customers’s requiements

Description

Dry Gas seal for Mixers.

Non-contact, bidirectional, balanced, multi-spring backup seal that provides safe and reliable protection, suitable for hydrocarbons, crude oil, and other applications. Designed for wear-free operation. Incorporates patented technology with circumferential wave geometry. The wave profile is formed on the stationary silicon carbide face, allowing the sealing faces to lift off in a gaseous environment and ensuring low torque in liquid conditions.

BXDG-13

Type：	Double End Dry Gas seal for Mixers
Replacement：	
Temperature：	-30℃-260℃
Pressure：	≤1.6MPa
Speed：	500~3000rpm
Material：	As customer’s requirements

Description

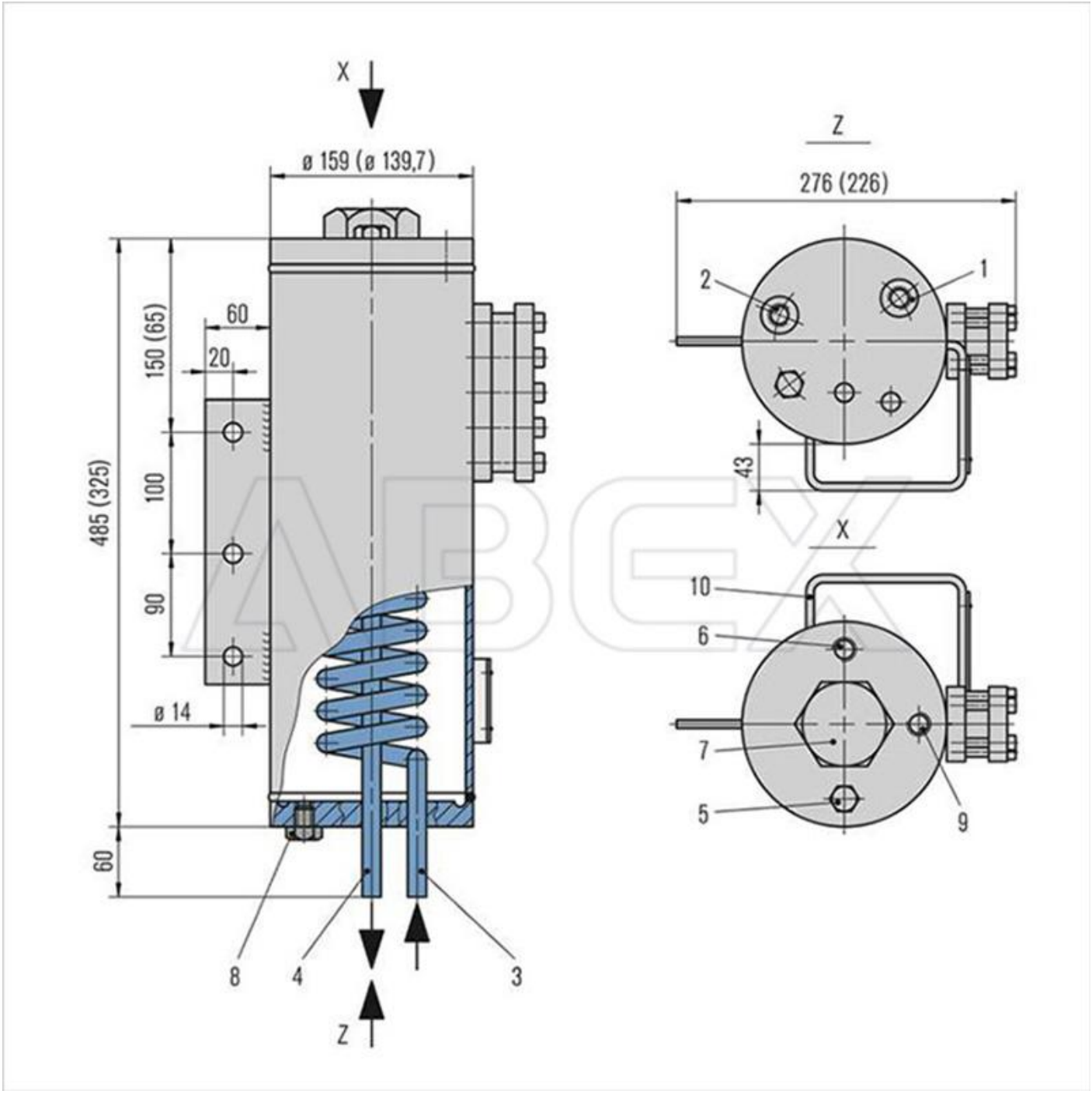
Dry Gas seals for Mixers

Double-end, non-contact, bidirectional seal designed for applications where harmful pumped substances must not be allowed to leak. The seal uses inert gas as the lubricating medium, eliminating the need for buffer fluids that could contaminate the pumped medium. It provides enhanced protection—no leakage occurs even if the outer seal fails. Prior to operation, the spiral groove system is tested to ensure face lift-off at low speeds, minimal gas leakage, and non-contact operation of the seal faces.

Seal Supply System

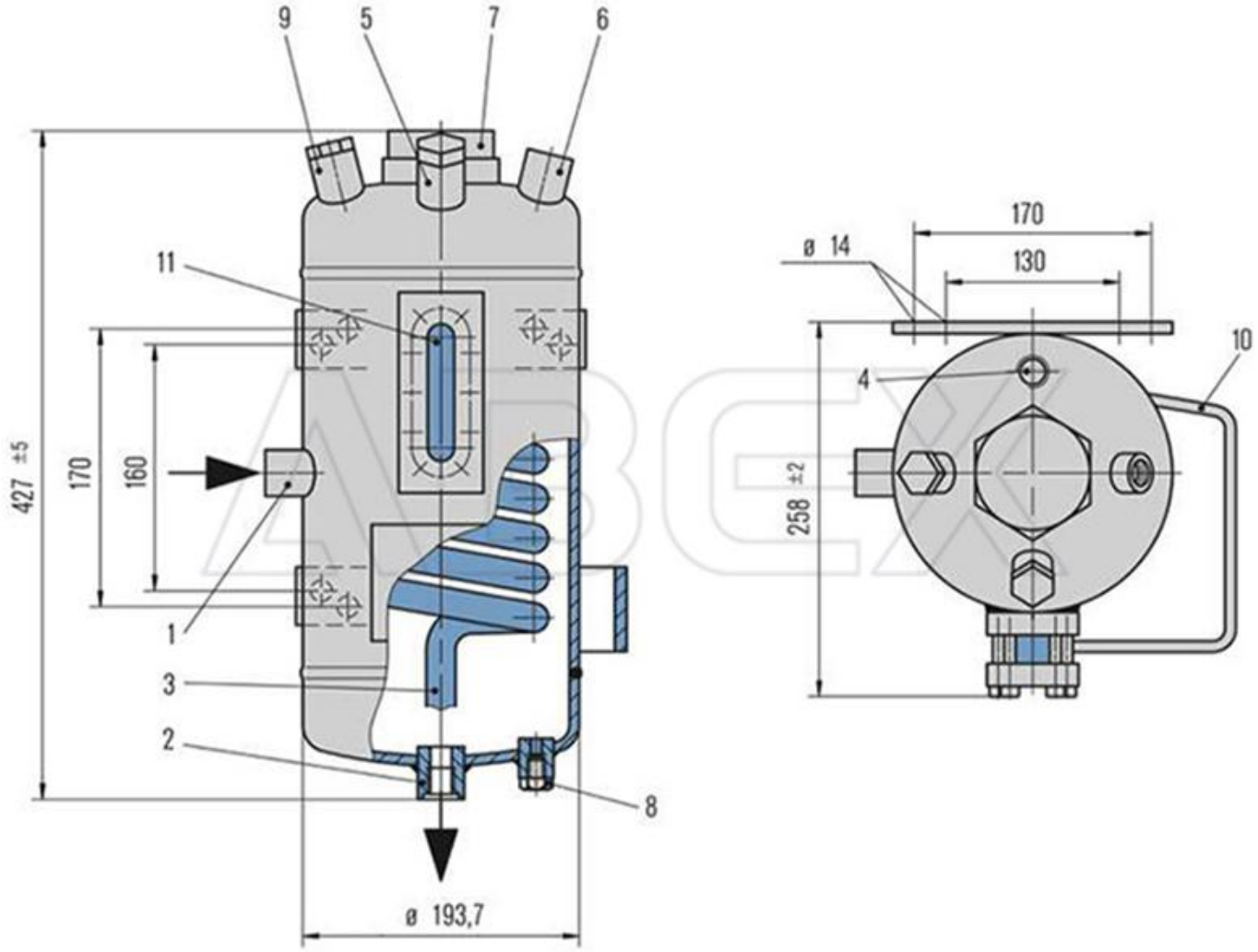
BXSS-B01(TS1000)

This is Thermosiphon Systems,can replace Burgmann TS1000.


X
ø 159 (ø 139,7)
60
20
150 (65)
100
90
485 (325)
ø 14
60
8
4
3
Z
Z
276 (226)
2
1
43
X
10
6
7
5
9

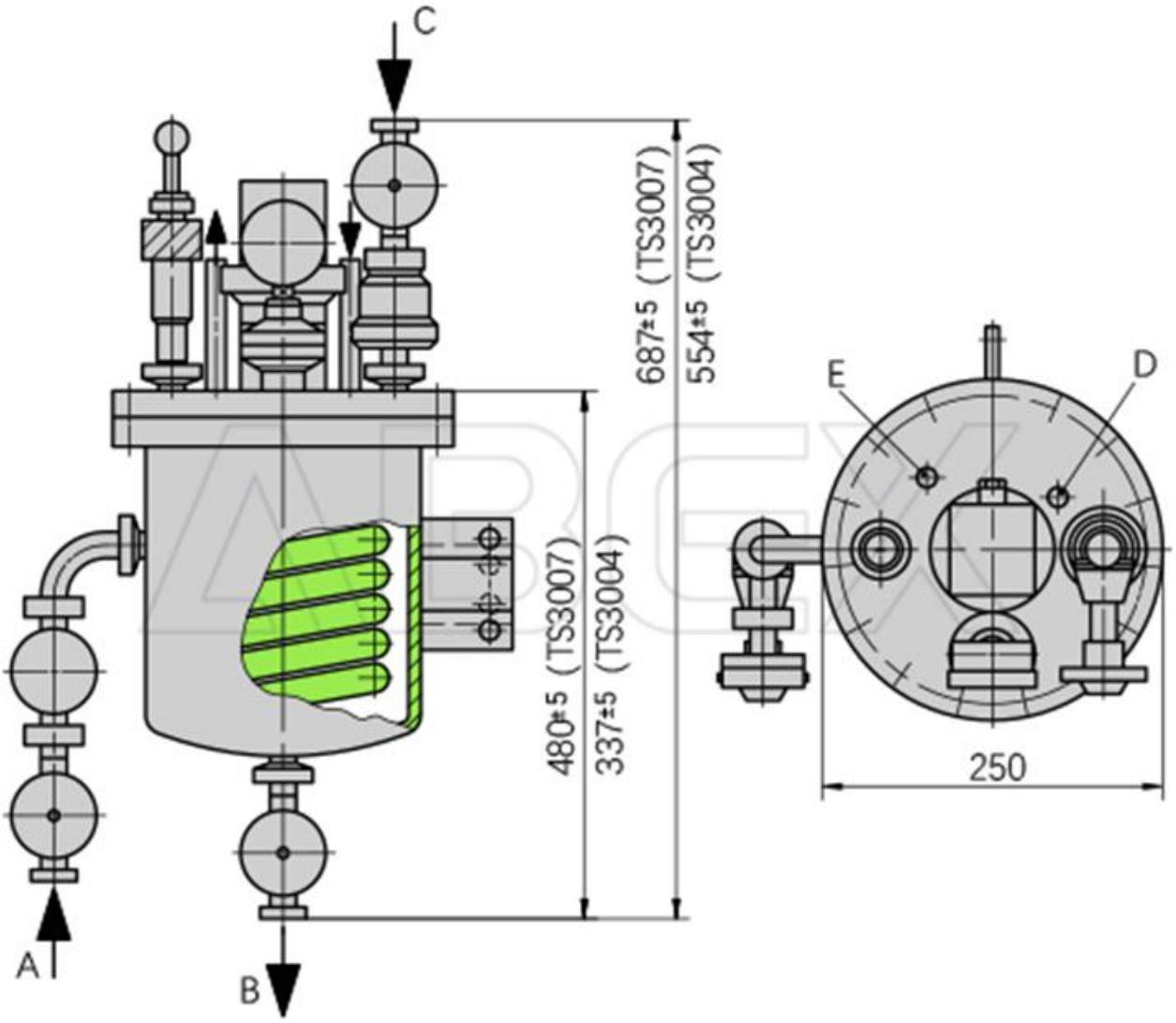
BXSS-B02(TS2000)

This is SThermosiphon Systems, can replace Burgmann TS2000.


9
5
7
6
11
427 ±5
170
160
1
3
2
8
ø 193,7
170
ø 14
130
10
4
258 ±2

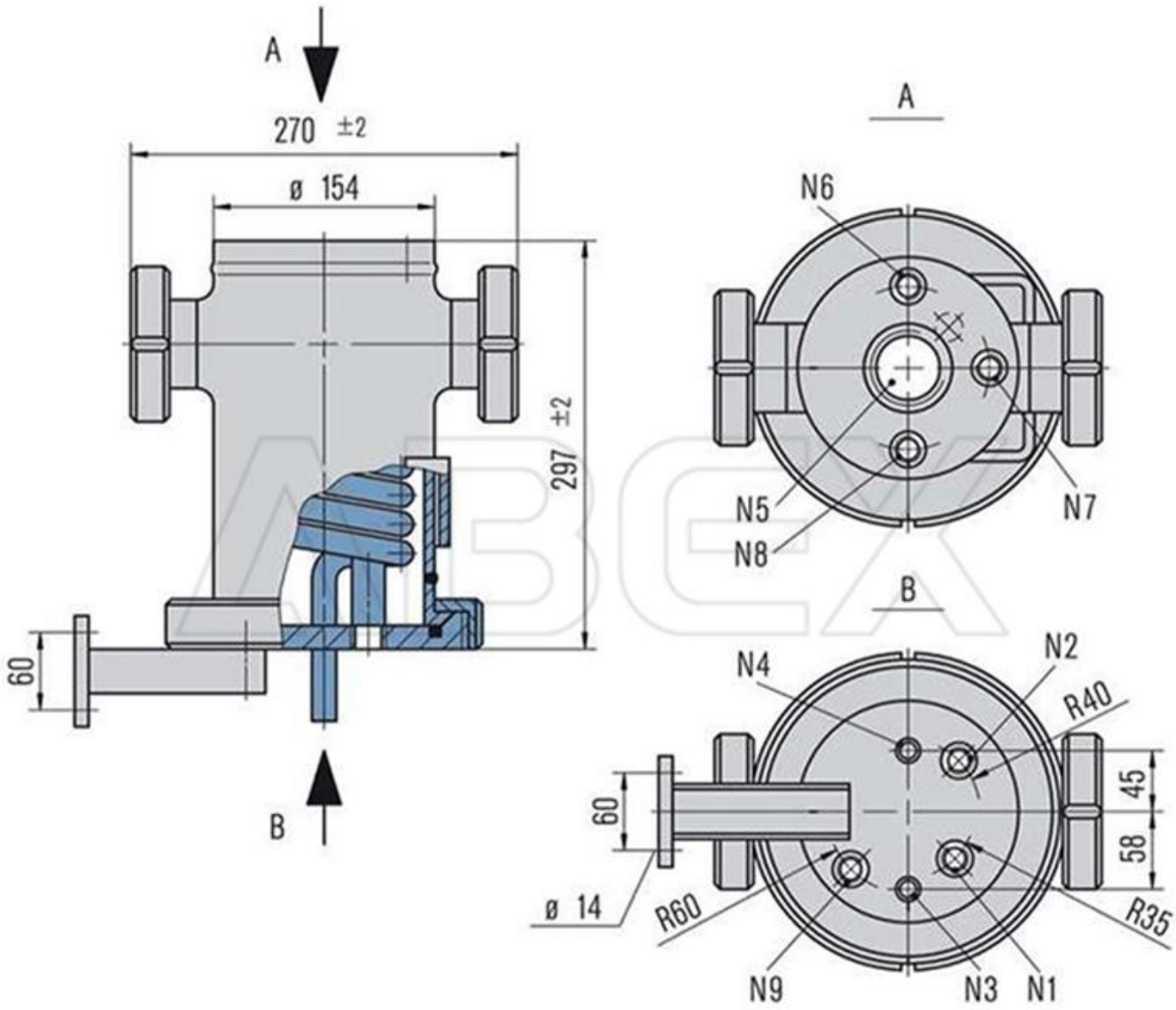
BXSS-B03(TS3000)

This is Thermosiphon Systems,Can replace Burgmann TS3000.


C
687±5 (TS3007)
554±5 (TS3004)
480±5 (TS3007)
337±5 (TS3004)
E
D
250
A
B

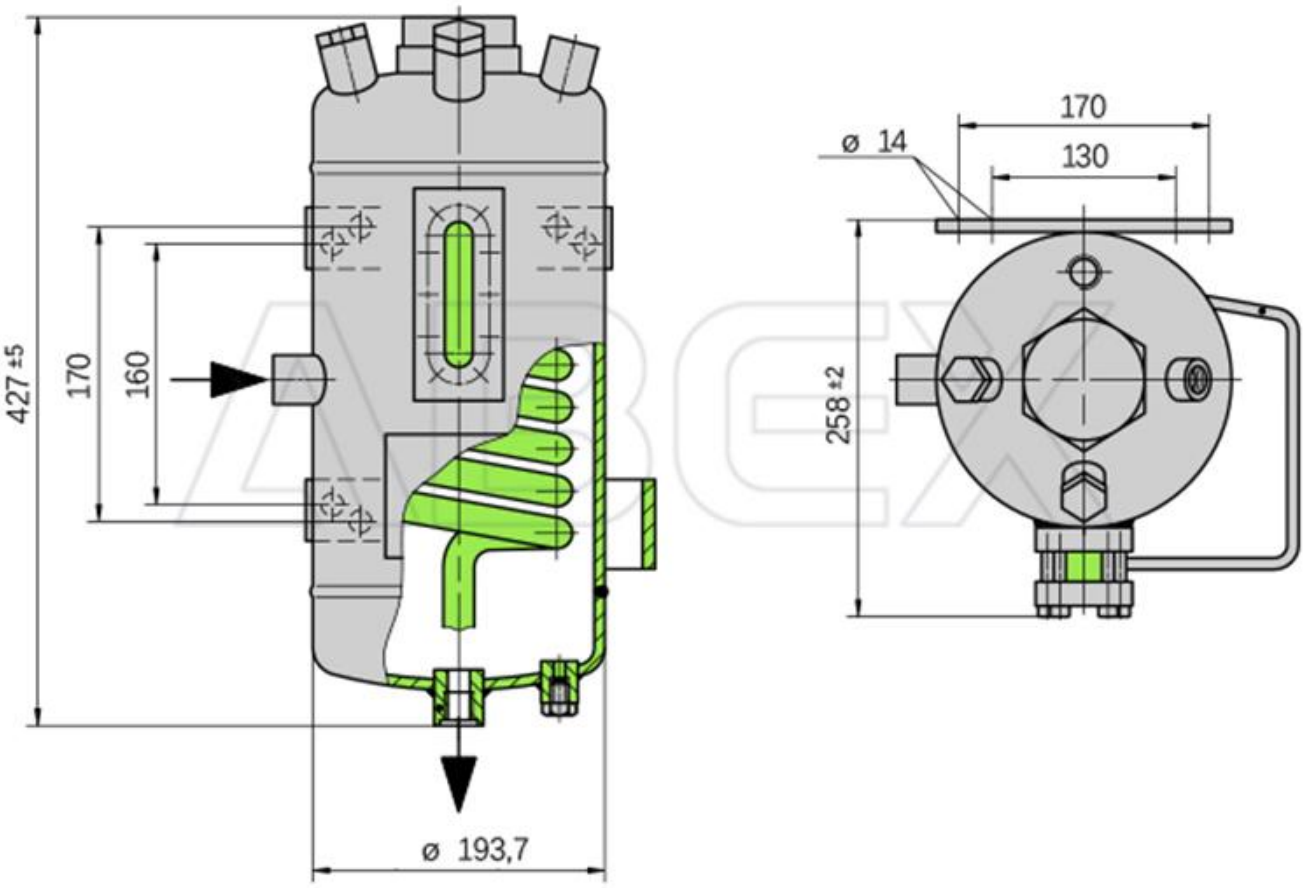
BXSS-B04(TS3016)

This is Seal Supply System, Can replace Burgmann TS3016.


A
270 ±2
ø 154
297 ±2
60
B
A
N6
N5
N8
N7
B
N4
N2
R40
60
45
58
ø 14
R60
R35
N9
N3
N1

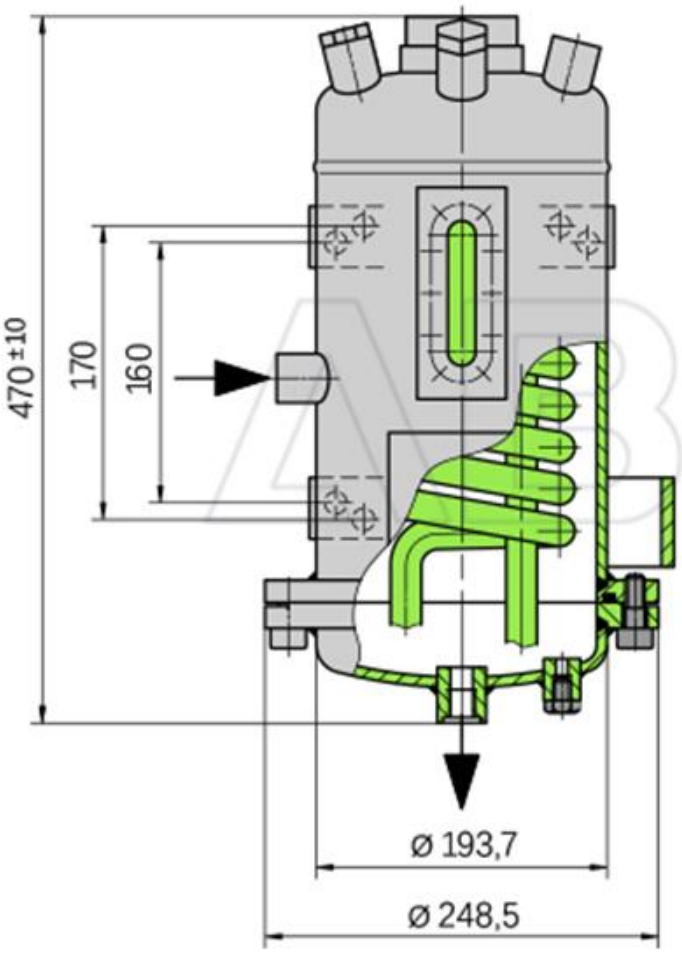
BXSS-B05(TS4000)

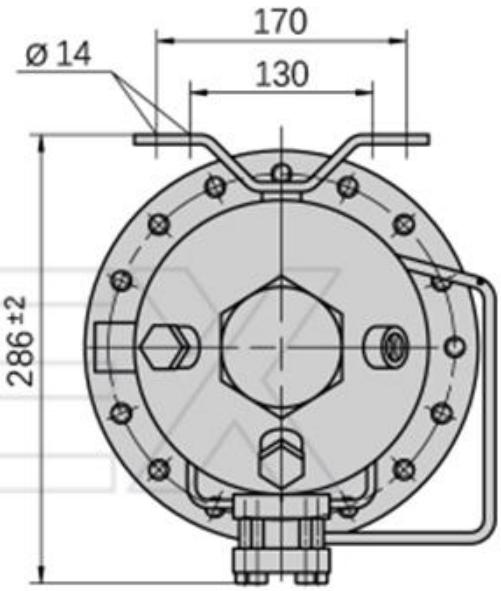
This is Thermosiphon Systems, Can replece Burgmann TS4000.


427 ±5
170
160
ø 193,7
170
ø 14
130
258 ±2

BXSS-B06(TS5000)

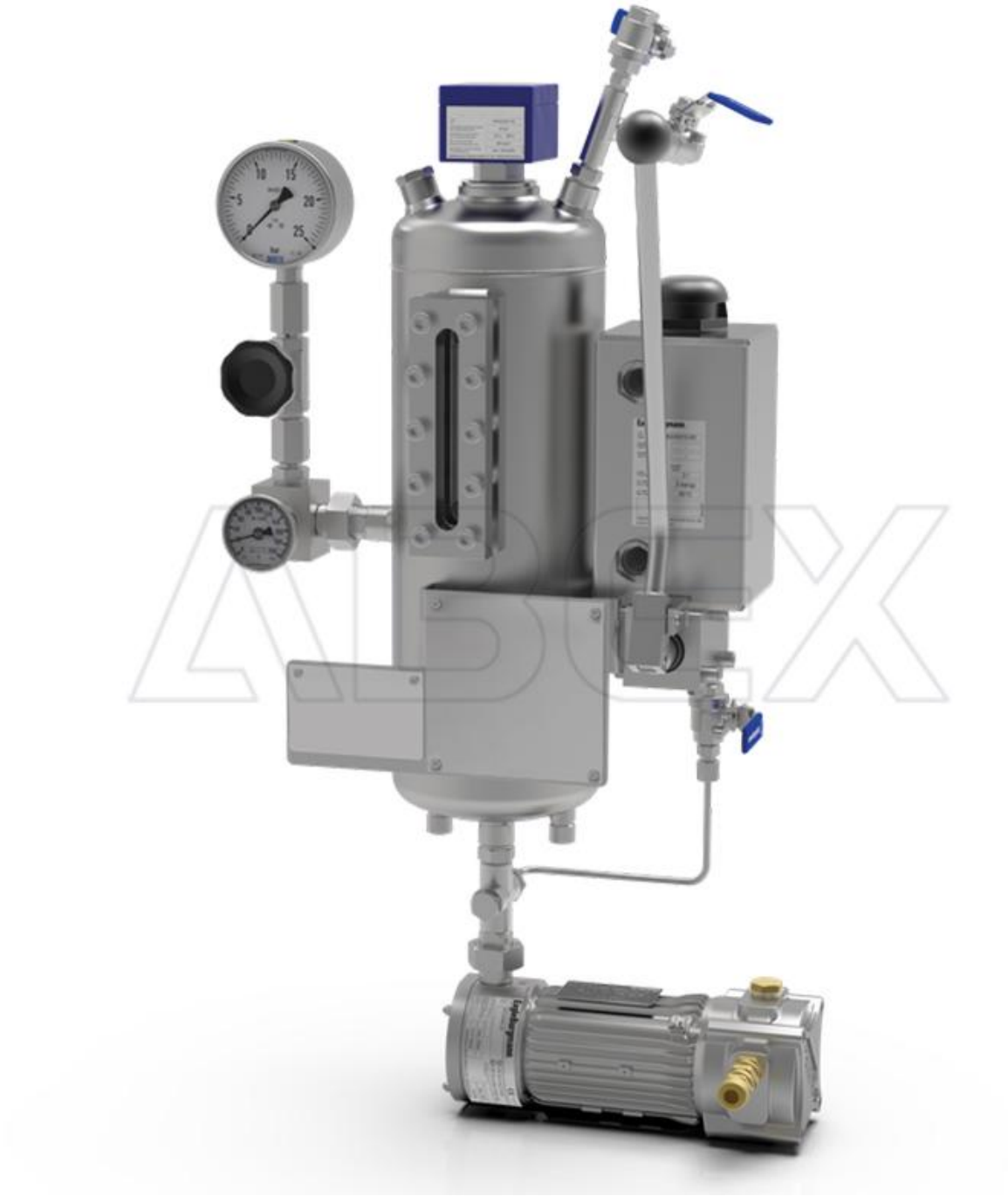
This is Thermosiphon System, Can replace Burgmann TS5000.

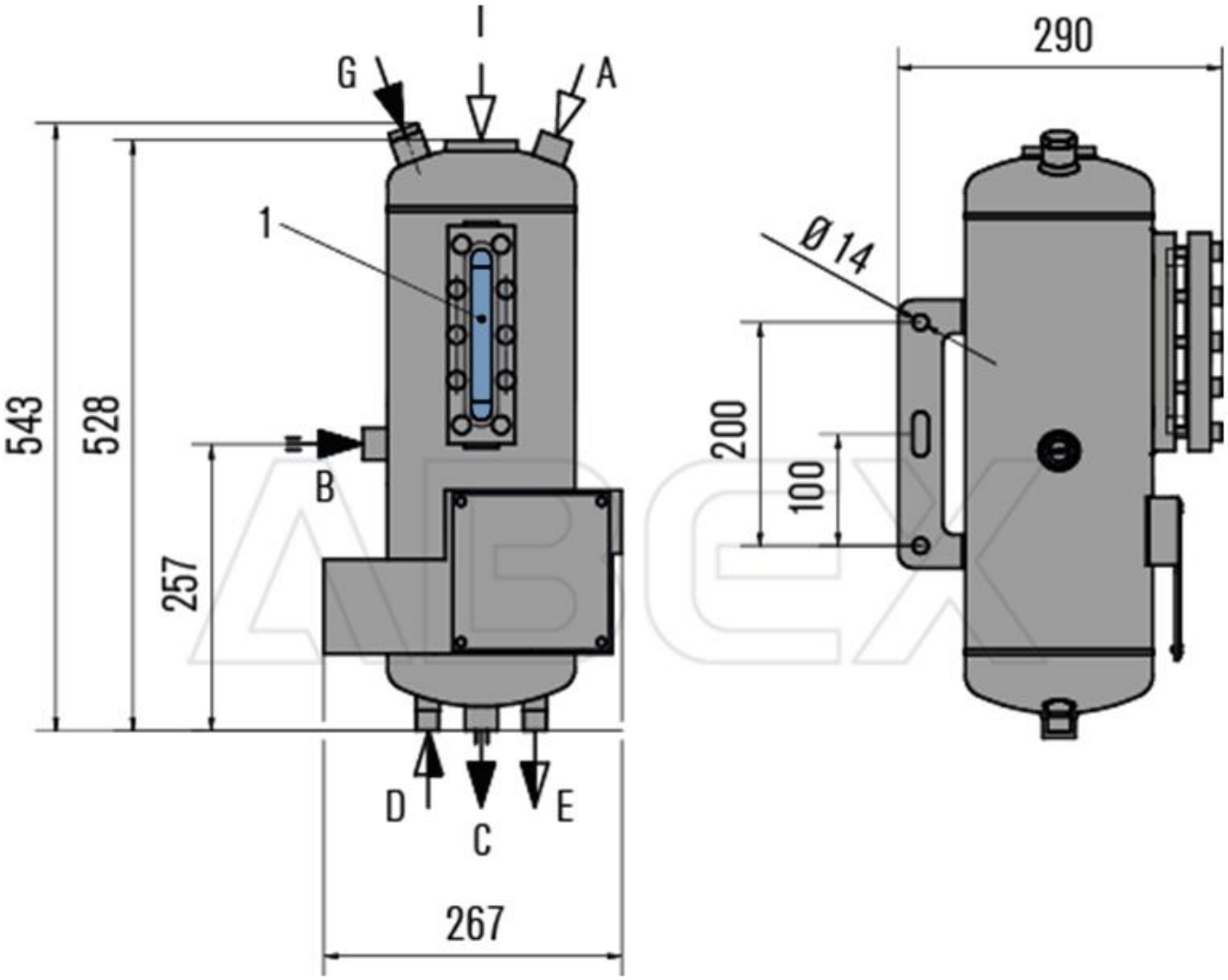

470±10
170
160
Ø 193,7
Ø 248,5


Ø 14
170
130
286±2

BXSS-B07(TSA2)

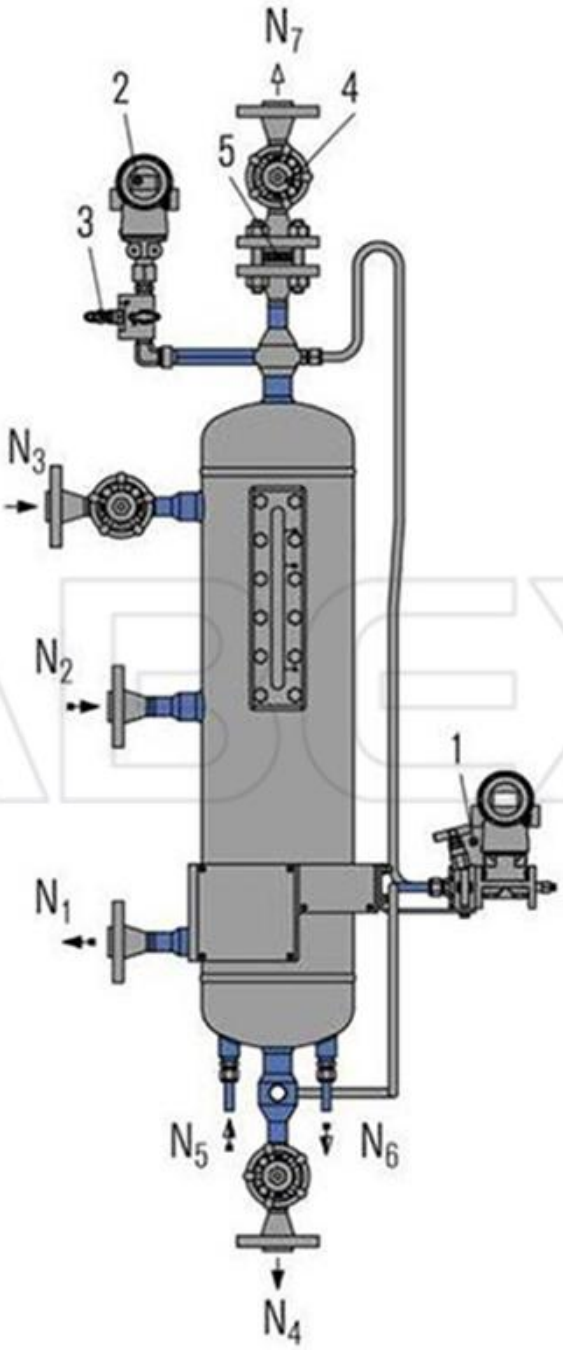
This is Thermosiphon System, Can replace Burgmann TSA2.




I
G
A
1
543
528
257
B
D
C
E
267
290
Ø14
200
100

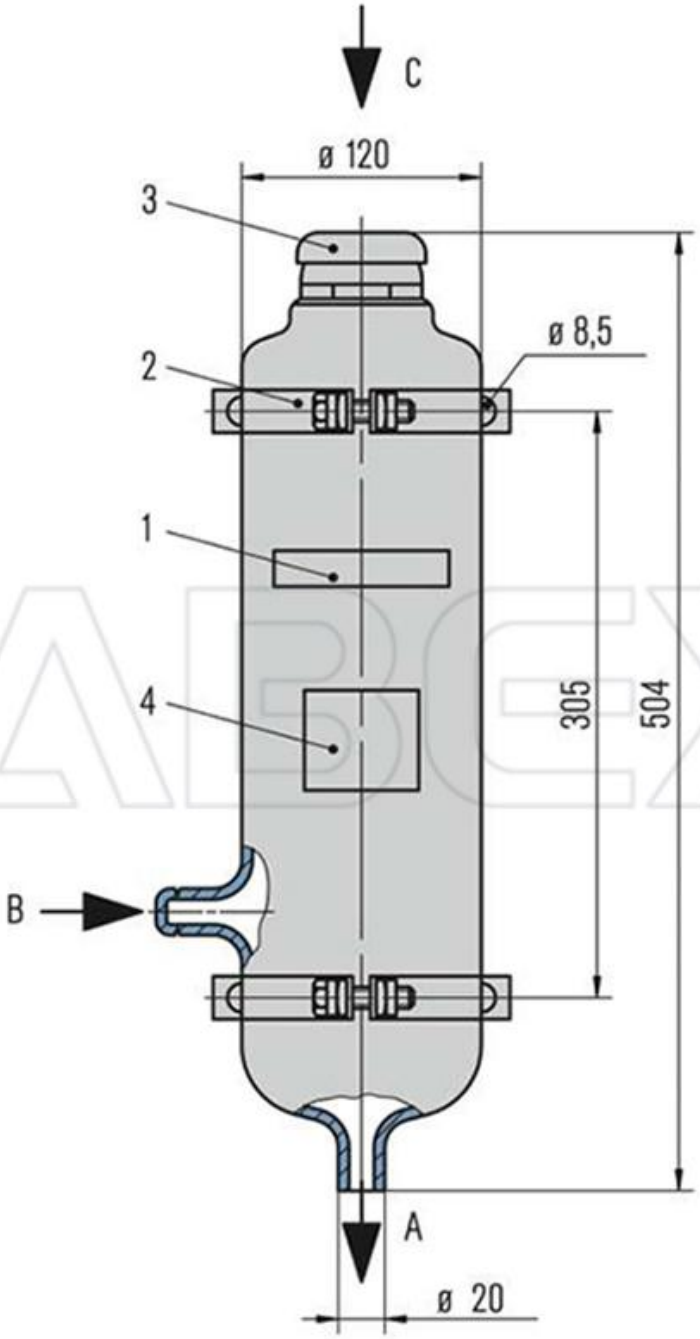
BXSS-B08(TSA6)

This is Thermosiphon System, Can replace Burgmann TSA6.


N7
2
4
5
3
N3
N2
1
N1
N5
N6
N4

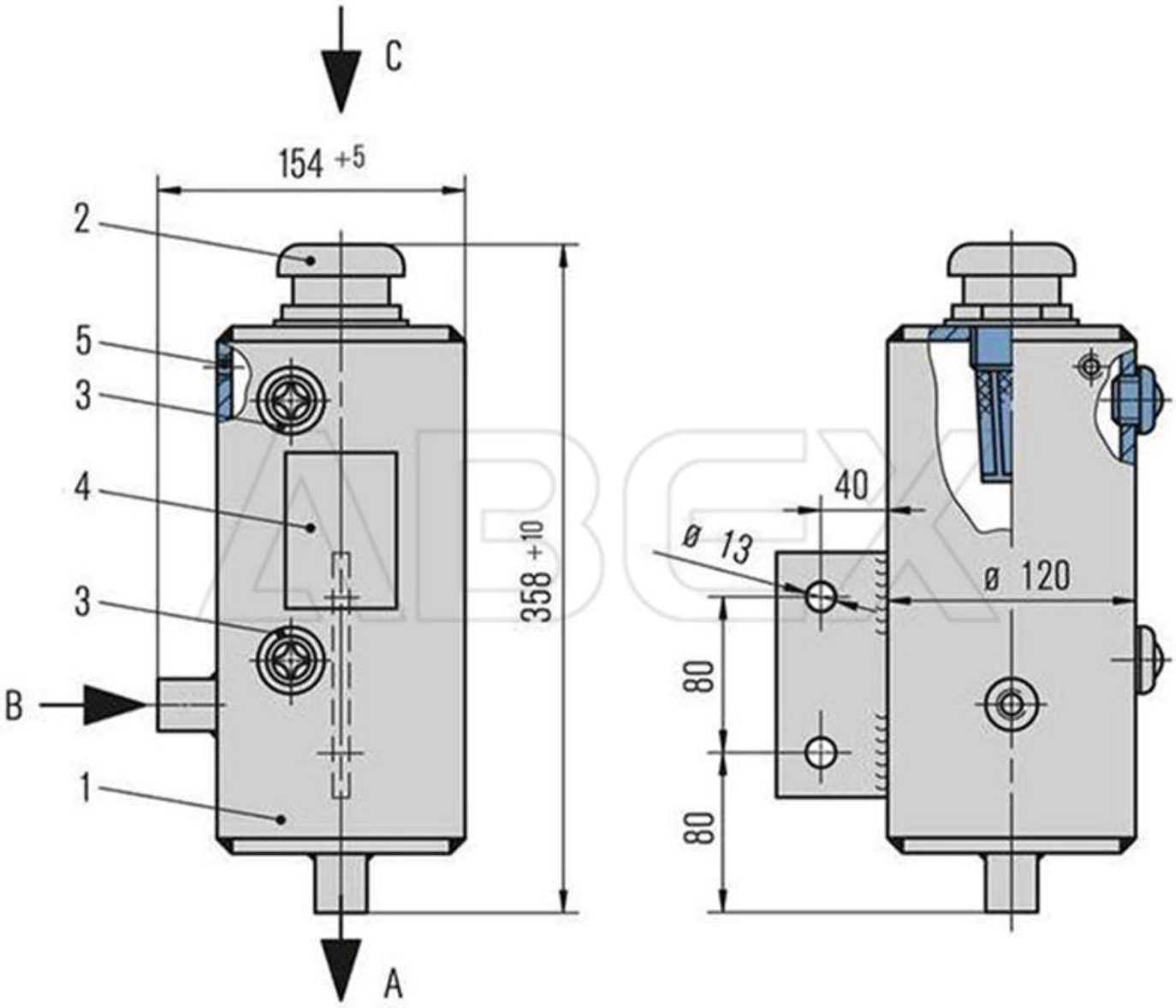
BXSS-B09(QFT1000)

This is Quenching Systems, Can replace Burgmann QFT1000.


C
ø 120
3
ø 8,5
2
1
4
305
504
B
A
ø 20

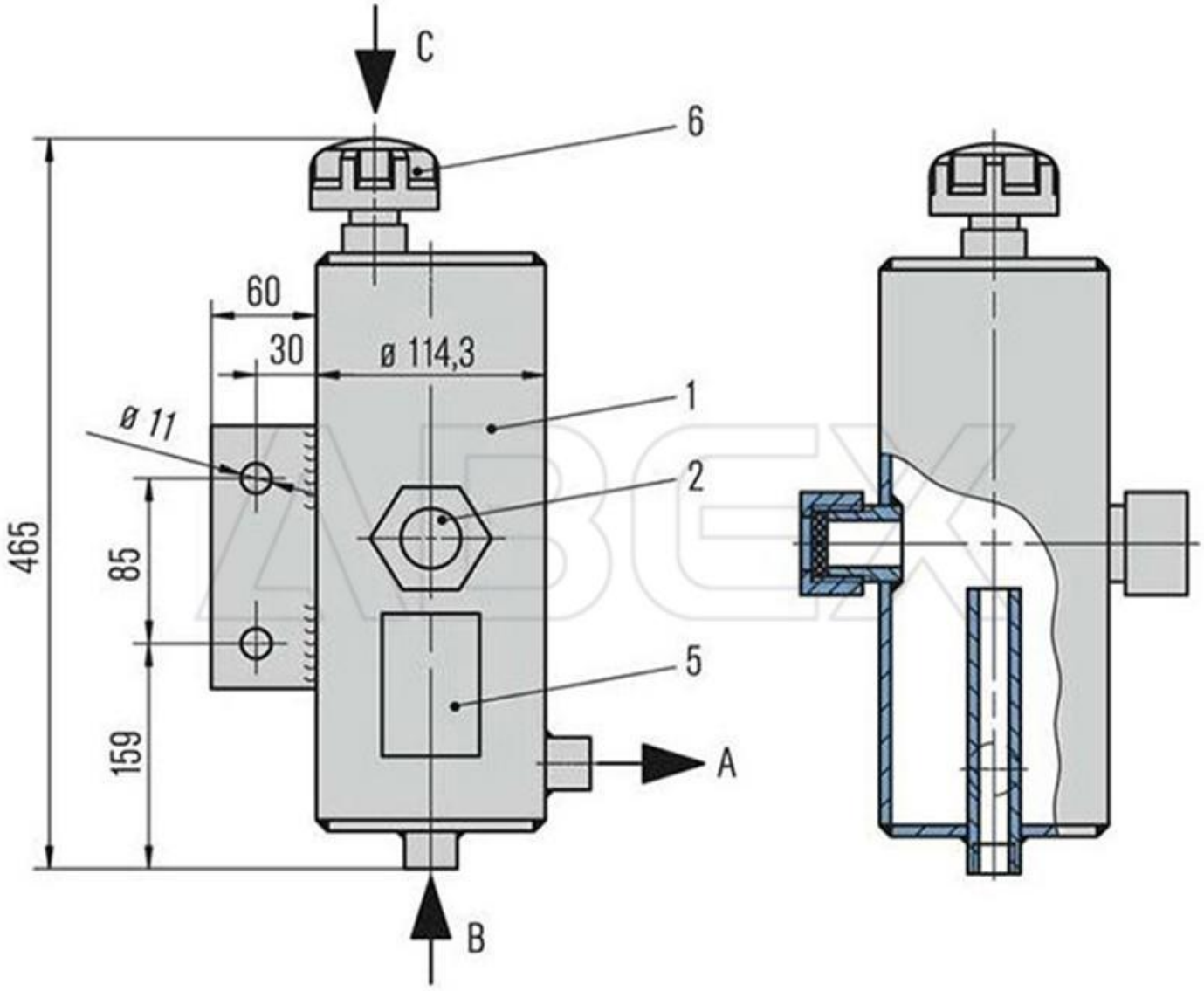
BXSS-B10(QFT2000)

This is Quenching Systems, Can replace Burgmann QFT2000.


C
154 +5
2
5
3
4
3
B
1
358 +10
A
40
ø 13
ø 120
80
80

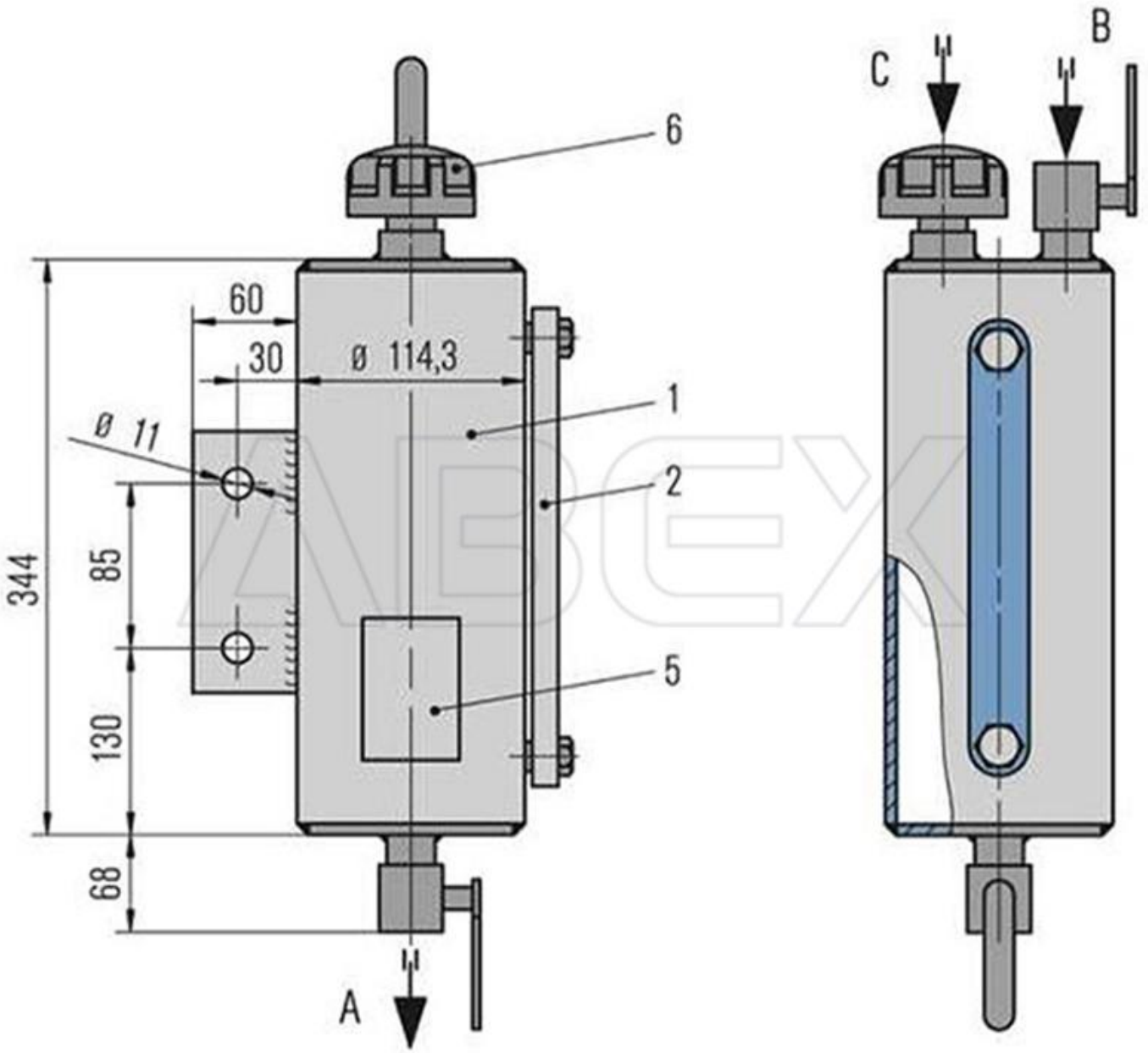
BXCSS-B11(QFT3000)

This is Quenching Systems, Can replace Burgmann QFT3000.


C
6
60
30
ø 114,3
1
ø 11
2
465
85
5
159
A
B

BXSS-B12(QFT6000)

This is Quenching Systems, Can replace Burgmann QFT6000.


6
60
30
ø 114,3
ø 11
1
2
344
85
5
130
68
A
C
B