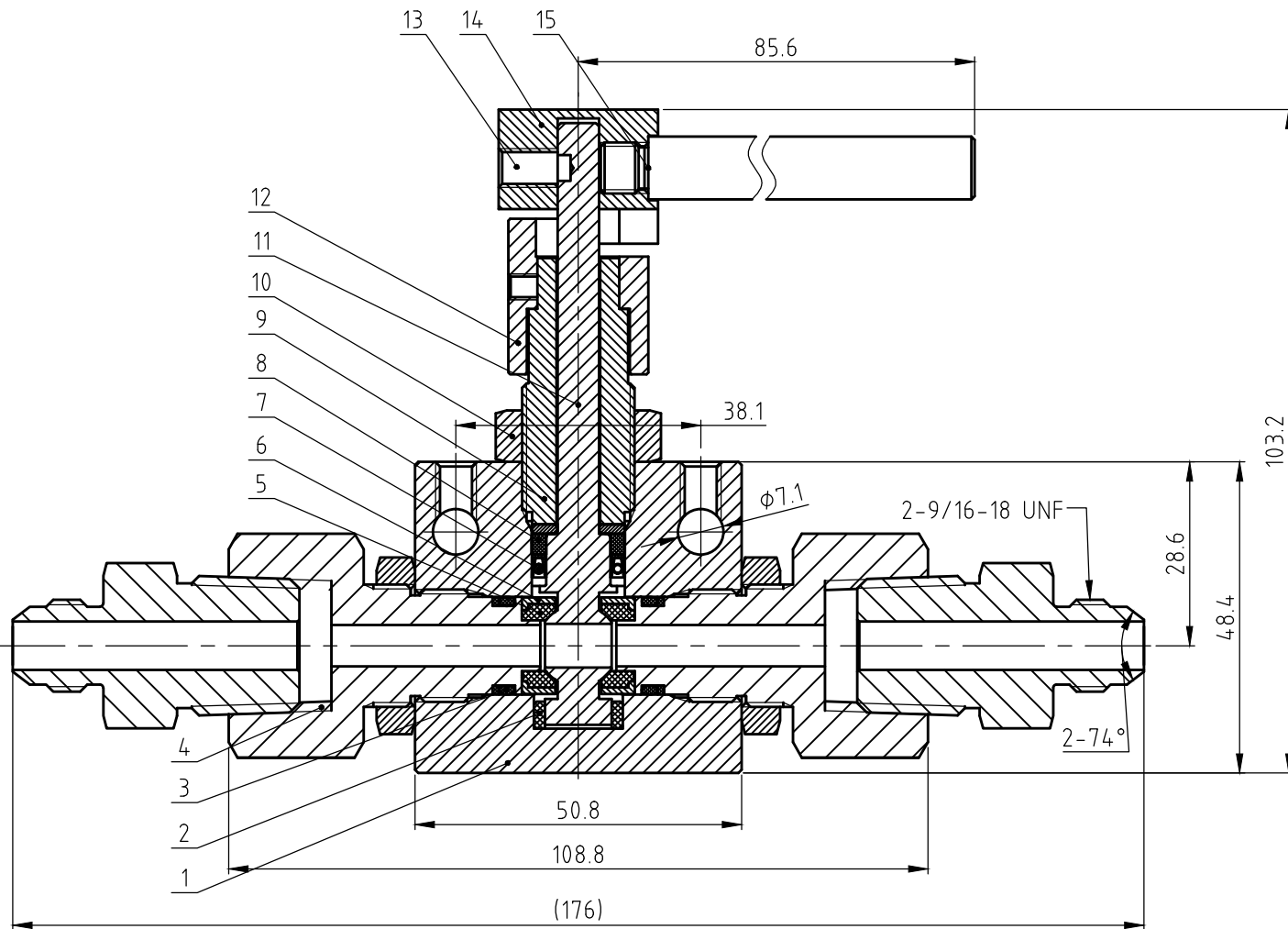


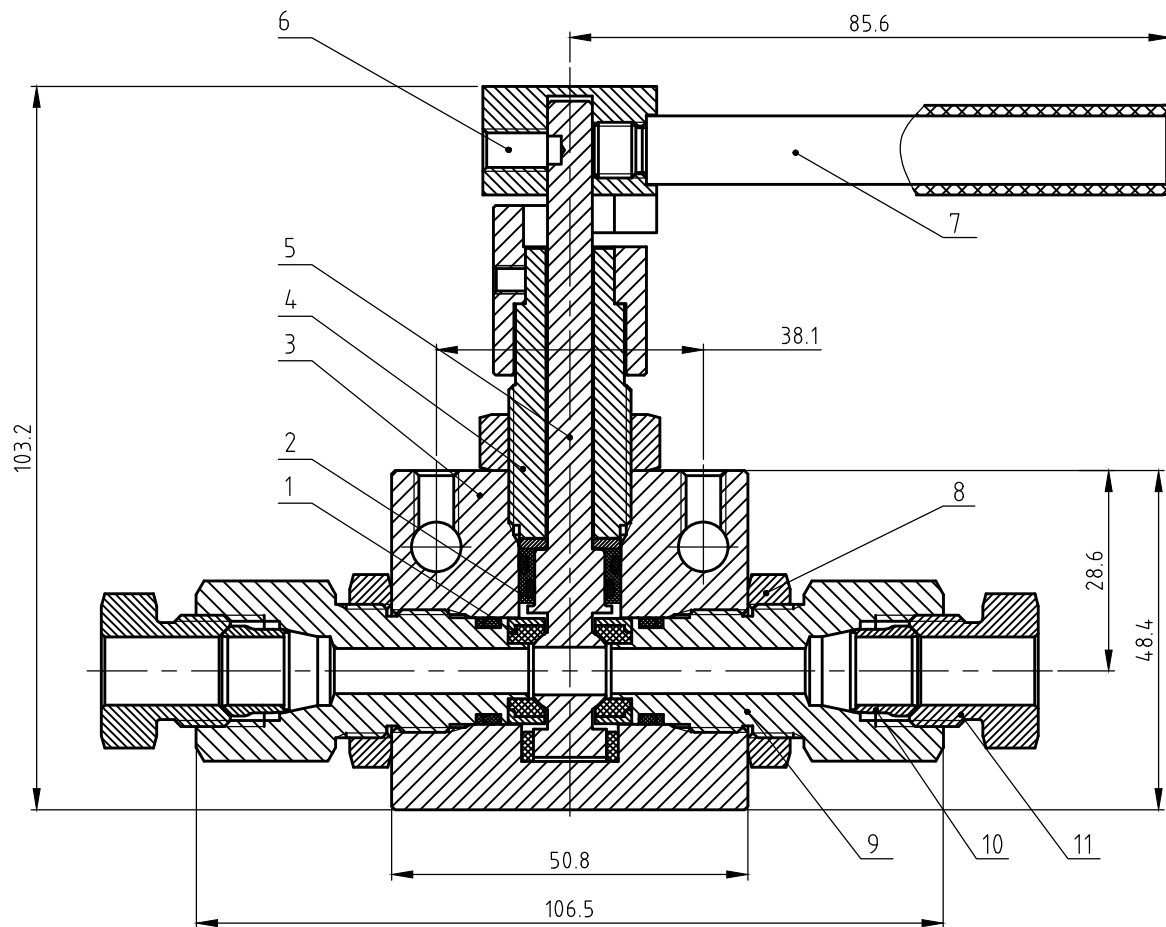


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Bearing	PEEK
3	O Ring	FTM
4	Seat Glands	316 S.S./ASTM A479
5	Seat	PEEK
6	Seat Retainer	316 S.S./ASTM A479
7	Combination Seal	PTFE
8	Bearing	PEEK
9	Packing Gland	316 S.S./ASTM A479
10	Lock Nut	316 S.S./ASTM A479
11	Stem	316 S.S./ASTM A479
12	Stopping Device	316 S.S./ASTM A479
13	Screw	304 S.S.
14	Handle seat	304 S.S.
15	Handle	304 S.S.

Technical Data:

Max. WP	15000psig(1034bar)
Temperature	0 to 400°F (-17.8to 204°C)
Orifice Size	0.25in (6.4mm)
Inlet Size	AN6
Outlet Size	AN6
Block Thickness	1in (25.4mm)

A	Mar.19.2021				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valve		
		Model	15BV-FNPT8-06-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

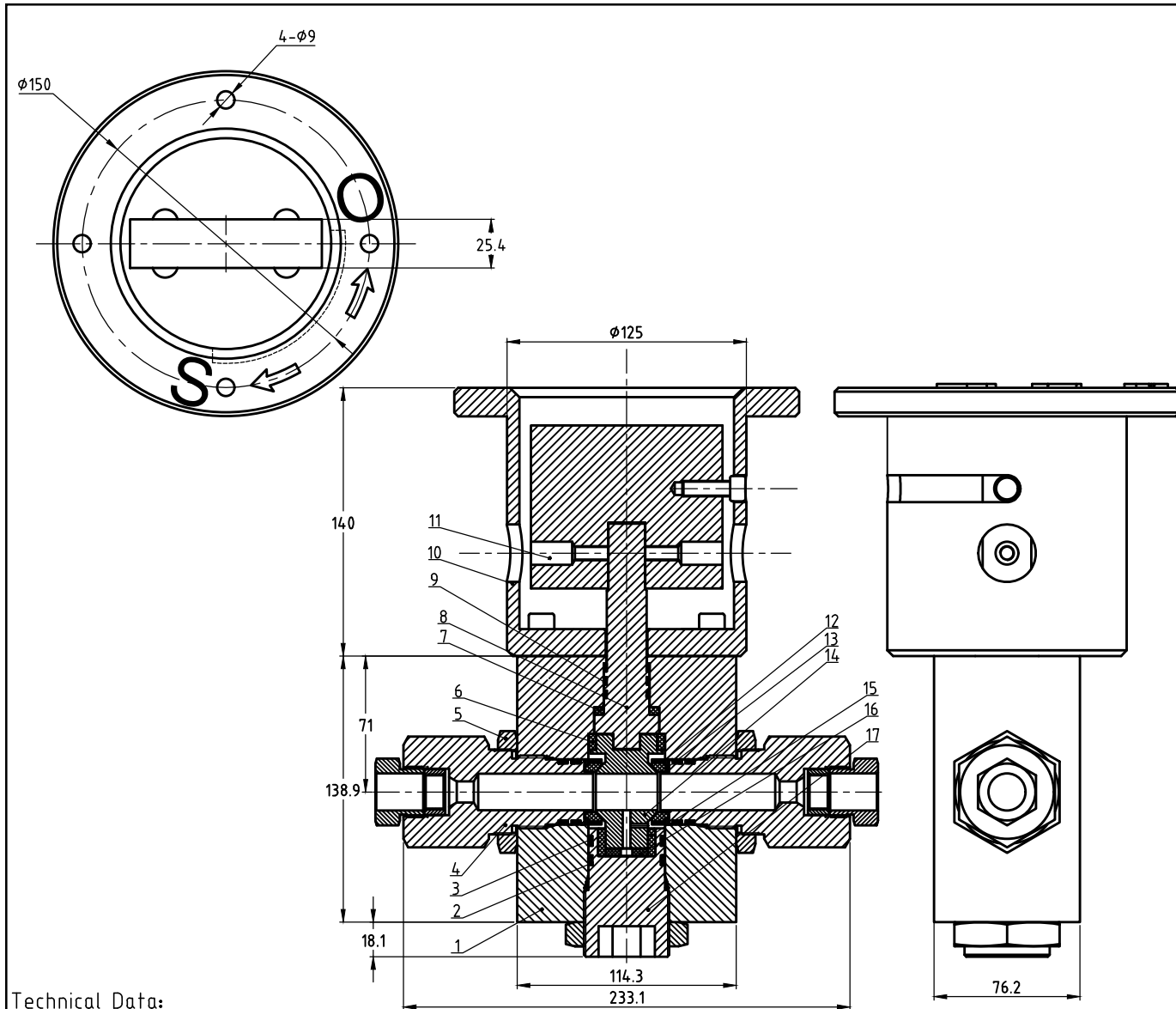


Component		Material Grade
1	Seat	PEEK
2	Seal Assembly	PEEK
3	Body	316 S.S./ASTM A479
4	Bonnet	316 S.S./ASTM A479
5	Stem	316 S.S./ASTM A479
6	Screw	304 S.S.
7	Handle	304 S.S.
8	Lock Nut	304 S.S.
9	Seat Gland	316 S.S./ASTM A479
10	Ferrule	316 S.S./ASTM A479
11	Gland Nut	316 S.S./ASTM A479

Technical Data:

Max. WP	15000psi @ 0 to 100°F
Temperature Range	0 to 400°F
Inlet Size	O.D. $\phi 3/8"$
Outlet Size	O.D. $\phi 3/8"$
Orifice Size	6.35mm

A	June.10,2021				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valve		
		Model	15BV-LPF6-06-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

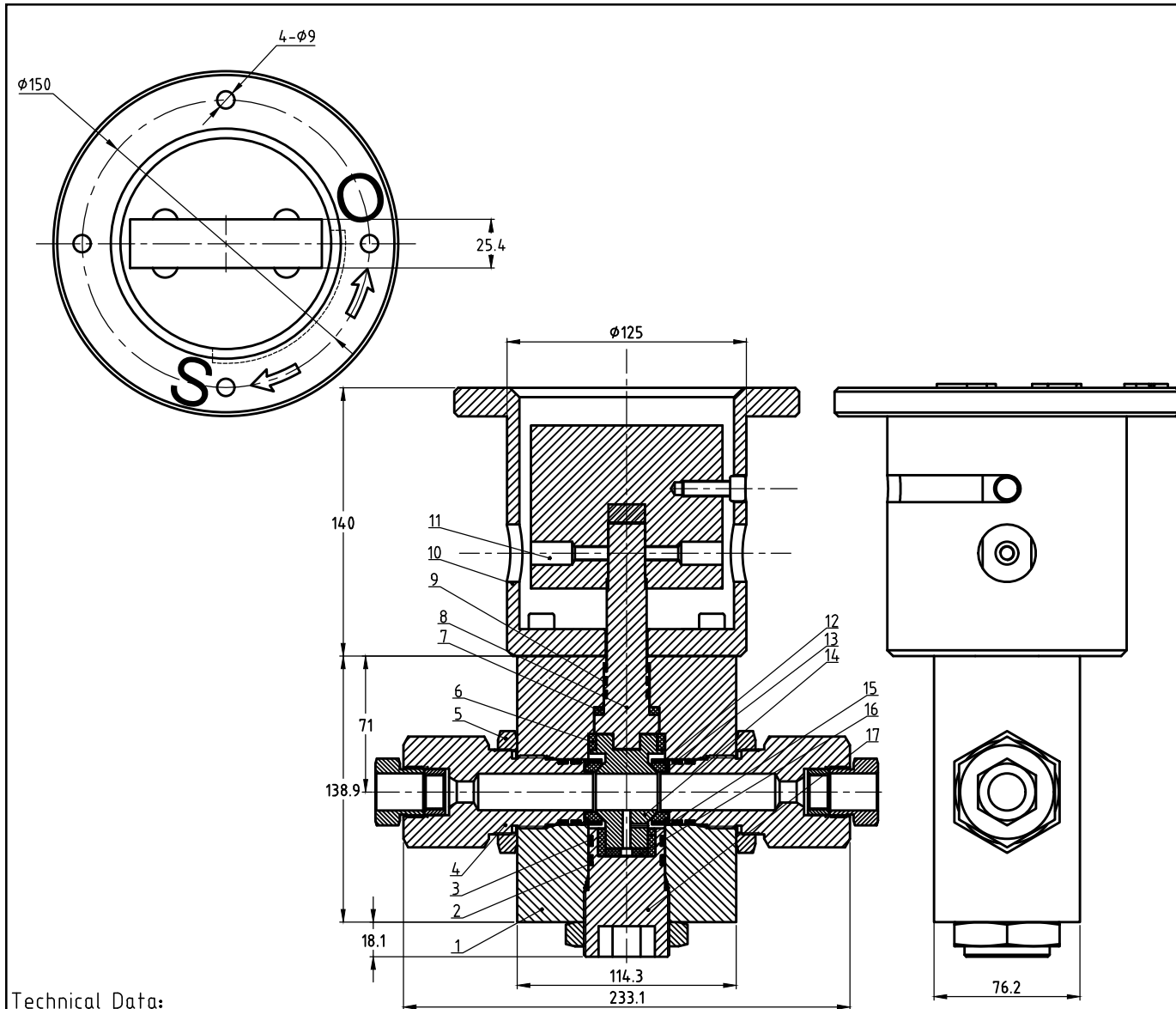


Component		Material Grade
1	Body	316L.S.S/ASTM A479
2	Ring	PTFE
3	O Ring	EPDM
4	Seat Gland	316L.S.S/ASTM A479
5	Lock Nut	316.S.S/ASTM A479
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	316L.S.S/ASTM A479
9	O Ring	EPDM
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	316L.S.S/ASTM A479
13	Seat Retainer	316L.S.S/ASTM A479
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	316L.S.S/ASTM A479

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.75in (19.05mm)
Connection Size	O.D.φ3/4"
Maximum water depth	11250FT(3429meters)

A	Dec.14.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF12-19-E-R-316L		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

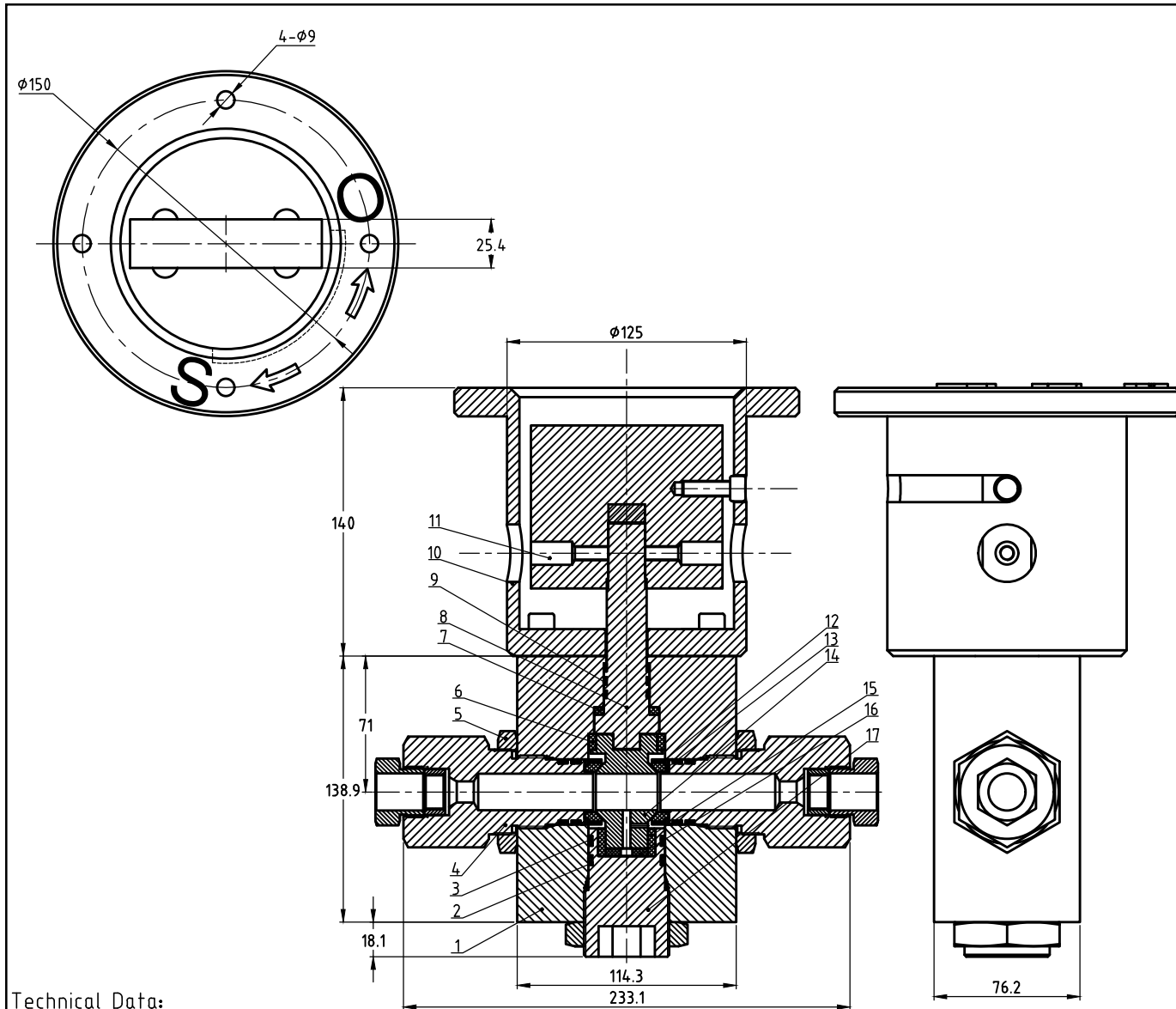


Component		Material Grade
1	Body	N06625/ASTM B446
2	Ring	PTFE
3	O Ring	EPDM
4	Seat Gland	N06625/ASTM B446
5	Lock Nut	N06625/ASTM B446
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	N06625/ASTM B446
9	O Ring	EPDM
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	N06625/ASTM B446
13	Seat Retainer	N06625/ASTM B446
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	N06625/ASTM B446

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.75in (19.05mm)
Connection Size	O.D.φ3/4"
Maximum water depth	11250FT(3429meters)

A	Dec.14.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF12-19-E-R-A625		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

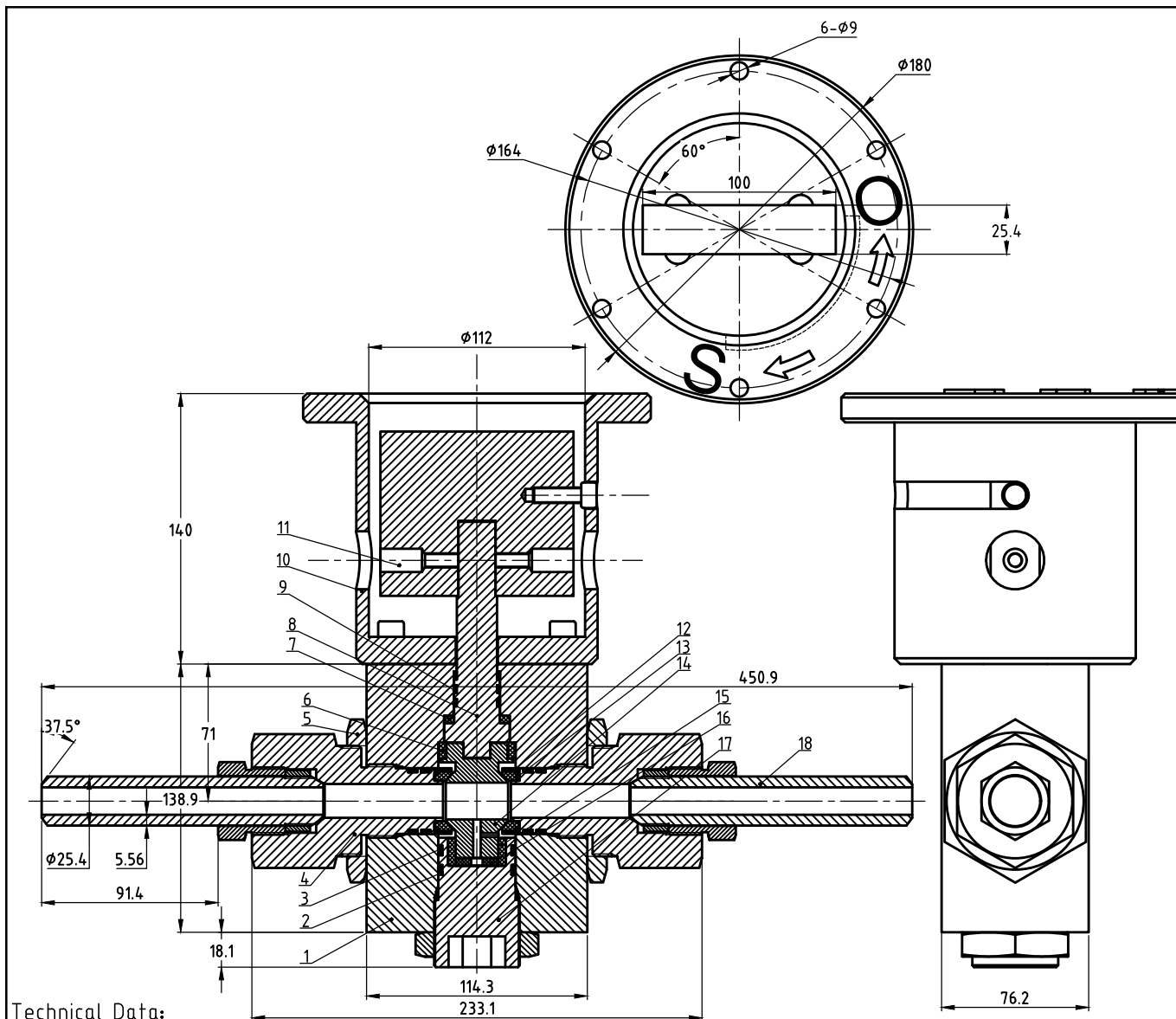


Component		Material Grade
1	Body	S32750/ASTM A479
2	Ring	PTFE
3	O Ring	EPDM
4	Seat Gland	S32750/ASTM A479
5	Lock Nut	S32750/ASTM A479
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	S32750/ASTM A479
9	O Ring	EPDM
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	S32750/ASTM A479
13	Seat Retainer	S32750/ASTM A479
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	S32750/ASTM A479

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.75in (19.05mm)
Connection Size	O.D.φ3/4"
Maximum water depth	11250FT(3429meters)

A	Dec.14.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF12-19-E-R-DU7		
Format	A4	Unit	mm	View	
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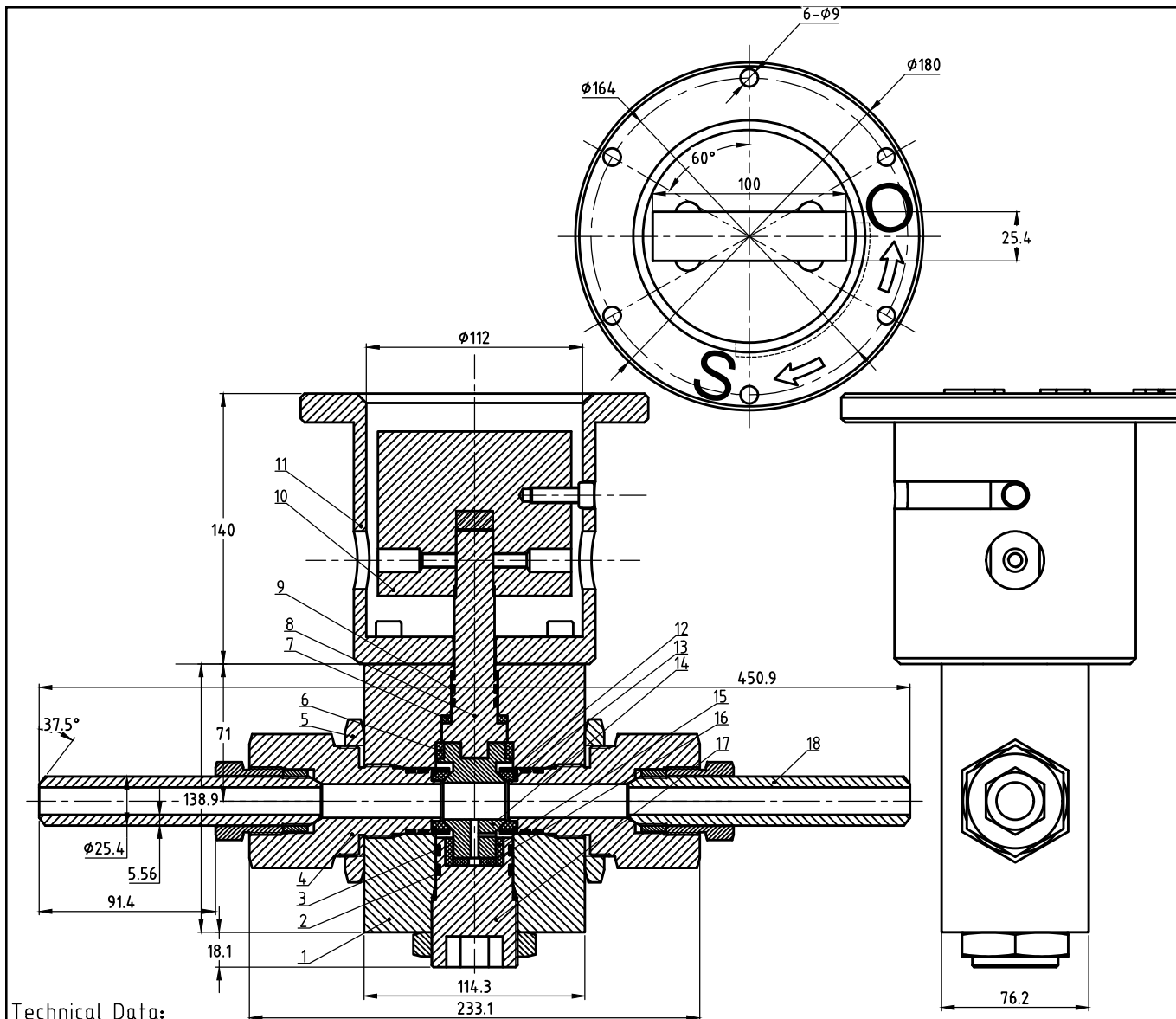


Component		Material Grade
1	Body	N06625/ASTM B446
2	Ring	PEEK
3	O Ring	HNBR
4	Seat Gland	N06625/ASTM B446
5	Lock Nut	N06625/ASTM B446
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	N06625/ASTM B446
9	O Ring	HNBR
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	N06625/ASTM B446
13	Seat Retainer	N06625/ASTM B446
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	N06625/ASTM B446
18	Tube	316.S.S/ASTM A269

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.75in (19.05mm)
Connection Size	1" Tube Butt Weld
Maximum water depth	11250FT(3429meters)

B	Mar.16.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF16-19-HB-R-A625-FMQ01		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

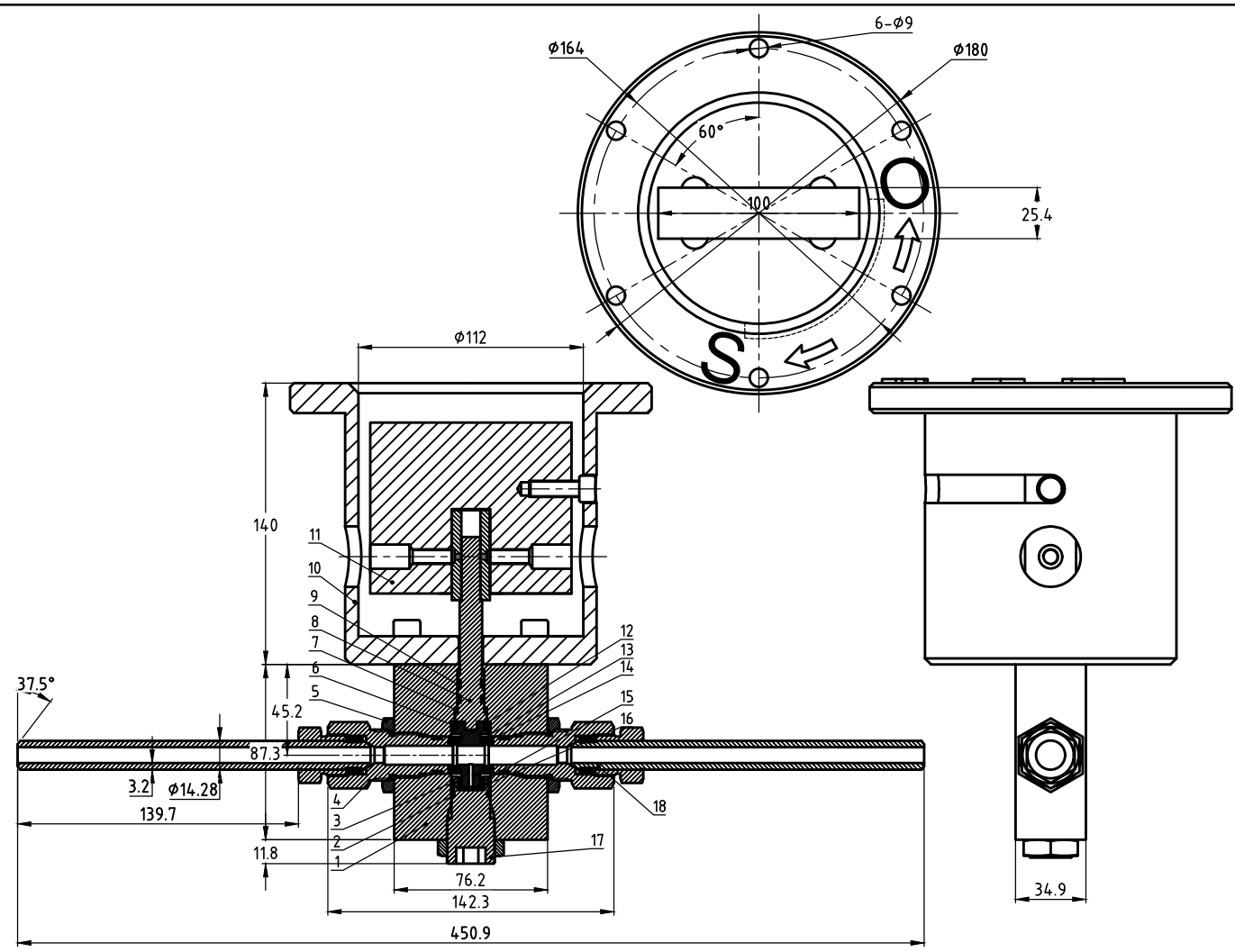


Component		Material Grade
1	Body	S32750/ASTM A479
2	Ring	PEEK
3	O Ring	HNBR
4	Seat Gland	S32750/ASTM A479
5	Lock Nut	316.S.S/ASTM A479
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	S32750/ASTM A479
9	O Ring	HNBR
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	S32750/ASTM A479
13	Seat Retainer	S32750/ASTM A479
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	S32750/ASTM A479
18	Tube	316.S.S/ASTM A269

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.75in (19.05mm)
Connection Size	1" Tube Butt Weld
Maximum water depth	11250FT(3429meters)

B	Mar.16.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF16-19-HB-R-DU7-FMQ01		
Format	A4	Unit	mm	View	
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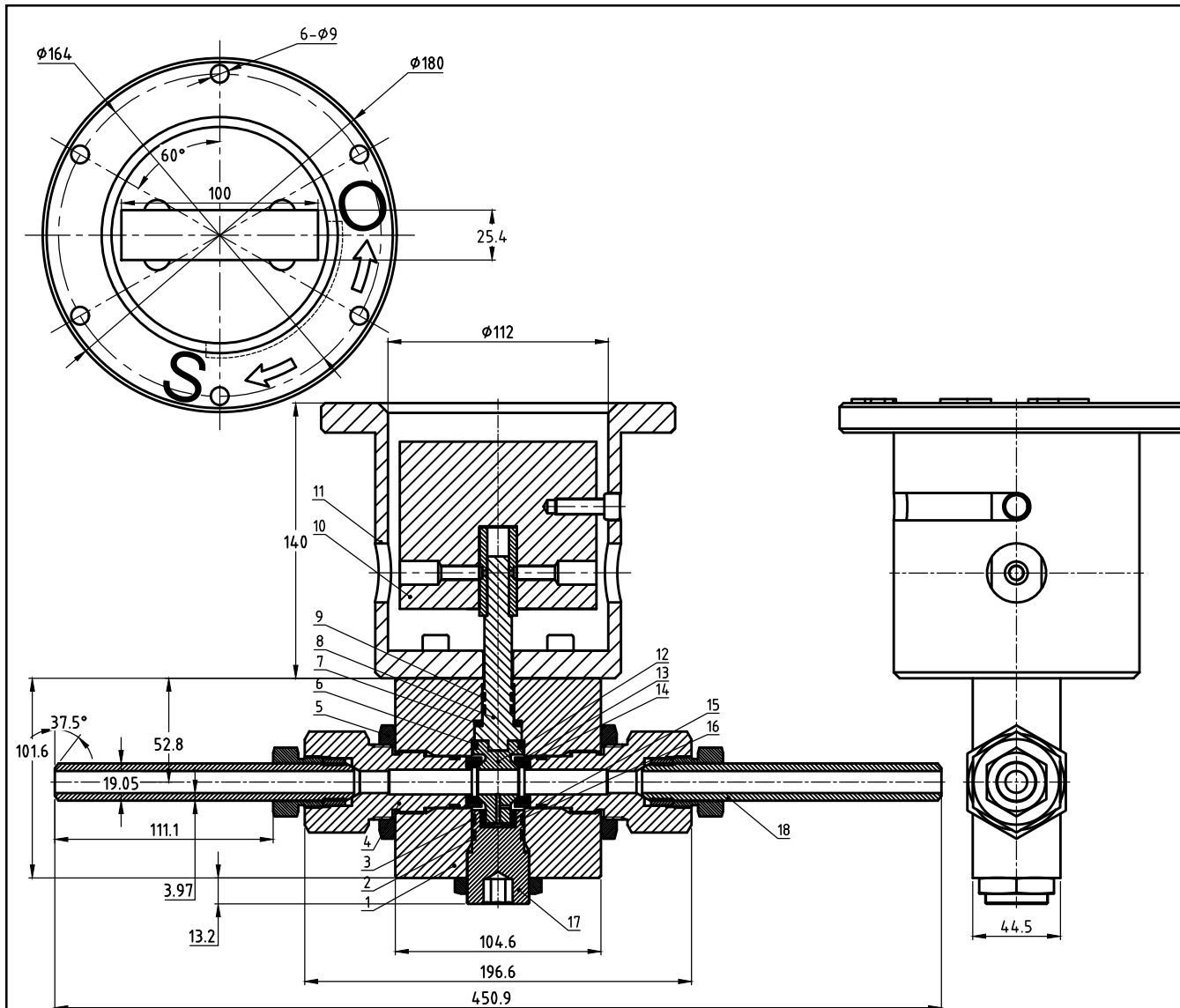


Component		Material Grade
1	Body	N06625/ASTM B446
2	Ring	PEEK
3	O Ring	HNBR
4	Seat Gland	N06625/ASTM B446
5	Lock Nut	316.S.S/ASTM A479
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	N06625/ASTM B446
9	O Ring	HNBR
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	N06625/ASTM B446
13	Seat Retainer	N06625/ASTM B446
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	N06625/ASTM B446

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.38in (9.5mm)
Connection Size	9/16"Tube Butt Weld
Maximum water depth	11250FT(3429meters)

B	Mar.16.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF9-10-HB-R-A625-FMQ01		
Format	A4	Unit	mm	View	
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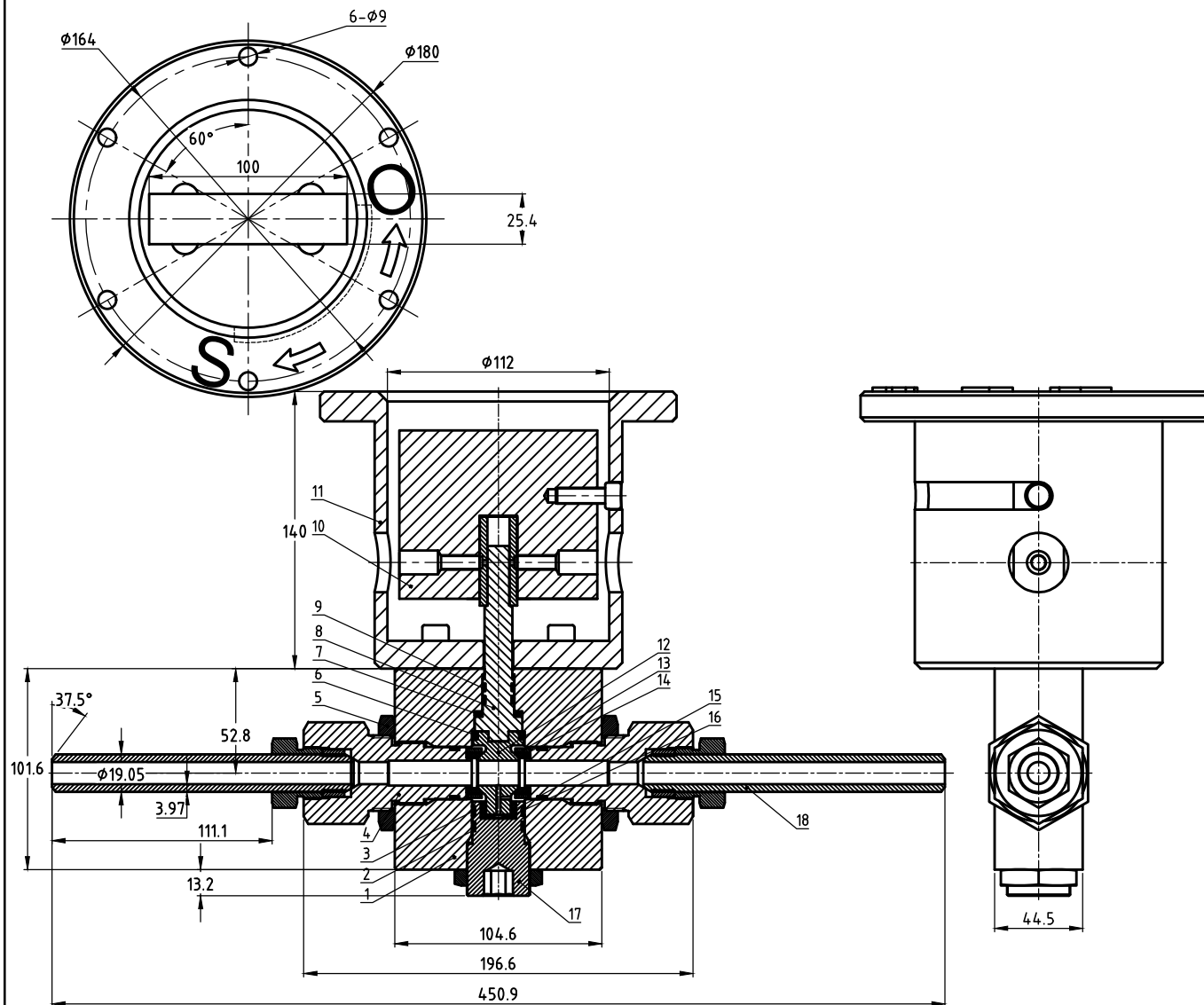


Component		Material Grade
1	Body	N06625/ASTM A479
2	Ring	PEEK
3	O Ring	HNBR
4	Seat Gland	N06625/ASTM A479
5	Lock Nut	316.S.S/ASTM A479
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	N06625/ASTM A479
9	O Ring	HNBR
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	N06625/ASTM A479
13	Seat Retainer	N06625/ASTM A479
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	N06625/ASTM A479
18	Tube	316.S.S/ASTM A269

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.51in (12.7mm)
Connection Size	3/4" Tube Butt Weld
Maximum water depth	11250FT(3429meters)

B	Mar.16.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF12-13-HB-R-A625-FMQ01		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	S32750/ASTM A479
2	Ring	PEEK
3	O Ring	HNBR
4	Seat Gland	S32750/ASTM A479
5	Lock Nut	316.S.S/ASTM A479
6	Bearing	PEEK
7	Bearing	PEEK
8	Ball Stem	S32750/ASTM A479
9	O Ring	HNBR
10	Paddle	316.S.S
11	Bucket	316.S.S
12	Valve Ball	S32750/ASTM A479
13	Seat Retainer	S32750/ASTM A479
14	Seat	PEEK
15	Bearing	PEEK
16	Bottom Thrust Washer	PEEK
17	Bottom Gland	S32750/ASTM A479
17	Tube	316.S.S/ASTM A269

Technical Data:

Max. WP	15000psig(1034bar)
Temperature Range	0~250°F(-18~121°C)
Orifice Size	0.51in (12.7mm)
Connection Size	3/4" Tube Butt Weld
Maximum water depth	11250FT(3429meters)

B	Mar.16.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Subsea Ball Valves		
		Model	15SBV-MPF12-13-HB-R-DU7-FMQ01		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		