

April 10, 2026

Attention: Ken Choi
PURA ENERGY INC
PO BOX 71045 RPO SILVER SPRINGS NW
CALGARY, AB T3B 5K2

The design submission, Tracking Number 2026-01177, Web Portal Number 2026-S0950, originally received on February 25, 2026 was surveyed and accepted for registration as follows:

CRN : 0C26178.2 **Accepted on:** April 10, 2026
Reg Type: NEW DESIGN **Expiry Date:** April 10, 2036
Document No. Table 1 Scope of Fitting Designs (AB-41 form)
Fitting type: Oasis 400 Series Block Valves

Design registered in the name of : OASIS ENGINEERING LTD

The registration is conditional on your compliance with the following notes:

This design has been reviewed and accepted according to the requirements of ASME B31.3 2024 as per Table 1 and the provided calculations.

This registration includes the following drawings:

- BV404-6A4TCDW-G000, BV404-6B4TCDW-G000, BV404-6C4TCDW-G000, BV404-6PT4TCDW-0000, TH404-62BA8R0-G000 Sheets 1 & 2, and TH404-66BA8R0-G000 Sheets 1 & 2 Rev A.
- TH404-62B98R0-G000 Sheets 1 & 2 Rev B; XBV404-01 to -07 Sheet 1 Rev A.
- XTH404-001 Sheets 1 & 2 Rev J; XTH404-002 Sheet 1 Rev G.
- XTH404-003 Sheet 1 Rev D; XTH404-009 Sheet 1 Rev F; XTH404-011 Sheet 1 Rev E.

As indicated on the AB-41 Statutory Declaration form the code of construction is proprietary standard.

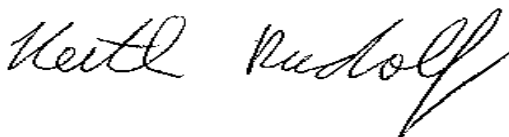
It is our understanding that the fittings included in the scope of this registration that are subject to the Safety Codes Act shall comply with the requirements of the code of construction on the AB-41 Statutory Declaration form as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid QMS approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place. Should the approval of the QMS lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any questions don't hesitate to contact me by phone at (587) 686-9364 or fax (780) 437-7787 or e-mail Rudolf@absa.ca.

Sincerely,



RUDOLF, KEITH, P. Eng.
DOP Cert. No. D00008862

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category

I, Kevin Flint, Managing Director
(name of applicant) (position title) (must be in a position of authority)
of Oasis Engineering (2003) Limited
(name of manufacturer)
located at 129 Birch Ave Tauranga, New Zealand
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- ☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☒ are not covered by the provisions of a recognized North American standard and are therefore
Proprietary standard supported by ASME
manufactured to comply with calculations and/or proof test as supported by the
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Oasis 400 Series Ball Valves	ISO9001:2015	The design, manufacture and supply of precision engineered products for the compressed natural gas (CNG), hydrogen, food and dairy industries.	9/3/2028	Telarc	129 Birch Avenue Tauranga New Zealand

Tracking #: _____



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2.						
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[Handwritten signature: RCK]

In support of this application, the following information, calculations and/or test data are attached:

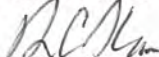
Certification, Statutory Declaration, calculations, data sheet and drawings.


(Signature of the Declarer)

19th January 2026
(Date)

DECLARED before me at Tauranga in the Bay of Plenty of New Zealand
(city) (province, territory, or state)
this 19th day of January, 2026
(Month) (Year)

(print) ROBERT CLIVE KEAM
(a Commissioner of Oaths or Notary Public)

(sign) 
(a Commissioner of Oaths or Notary Public)

Not applicable: permanent appointment.
(expiry date (mm/dd/yyyy))



Commissioner of Oaths / Notary Public in and for: Tauranga Bay of Plenty New Zealand
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____

(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2026-01177

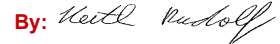
ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0C26178.2

See acceptance letter for conditions of registration.

Date: 2026-04-10

By: 

KEITH RUDOLF, P. Eng.
DOP: D00008862

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
BV404-6A4TCDW-G000 1/2" BV	Body	ASTM A276 (304/316), A182 (304/316) A479 (304/316)	9/16"-18 UNF (3/8" MP)	-40F	650 bar	650 bar @ 85C	N/A	ASME B31.3	XBV404-01 XTH404-009
BV404-6B4TCDW-G000 1/2" BV	Body	ASTM A276 (304/316), A182 (304/316) A479 (304/316)	13/16"-16 UN (9/16" MP)	-40F	650 bar	650 bar @ 85C	N/A	ASME B31.3	XBV404-04 XBV404-05
BV404-6C4TCDW-G000 1/2" BV	Body	ASTM A276 (304/316), A182 (304/316) A479 (304/316)	3/4"-14 NPSM (3/4" MP)	-40F	650 bar	650 bar @ 85C	N/A	ASME B31.3	XBV404-02 XBV404-03
BV404-6P4TCDW-GT00 1/2" BV	Body	ASTM A276 (304/316), A182 (304/316) A479 (304/316)	13/16"-16 UN (9/16" MP)	-40F	650 bar	650 bar @ 85C	N/A	ASME B31.3	XBV404-06 XBV404-07
TH404-62B98R0-	Body	ASTM A276	3/4"-16 UNF x 11/8" – 12	-40F	462 bar	462 bar @ 85C	N/A	ASME B31.3	XTH404-001 XTH404-011

Tracking #: _____

G000 1/2" CV		(304/316), A182 (304/316) A479 (304/316)	UNF						XTH404-003
TH404-62BA8R0-G000 1/2" CV	Body	ASTM A276 (304/316), A182 (304/316) A479 (304/316)	3/4"-16 UNF x 1 1/2-12 UNF	-40F	520 bar	520 bar @ 85C	N/A	ASME B31.3	XTH404-001 XTH404-002 XTH404-003
TH404-66BA8R0-G000 1/2" CV	Body	ASTM A276 (304/316), A182 (304/316) A479 (304/316)	9/16"-18 UNF x 1 1/2-1 UNF	-40F	650 bar	650 bar @ 85C	N/A	ASME B31.3	XTH404-001 XTH404-002 XTH404-009

*All valves will be leak tested to 1.5 x rated pressure as part of the piping system at site.

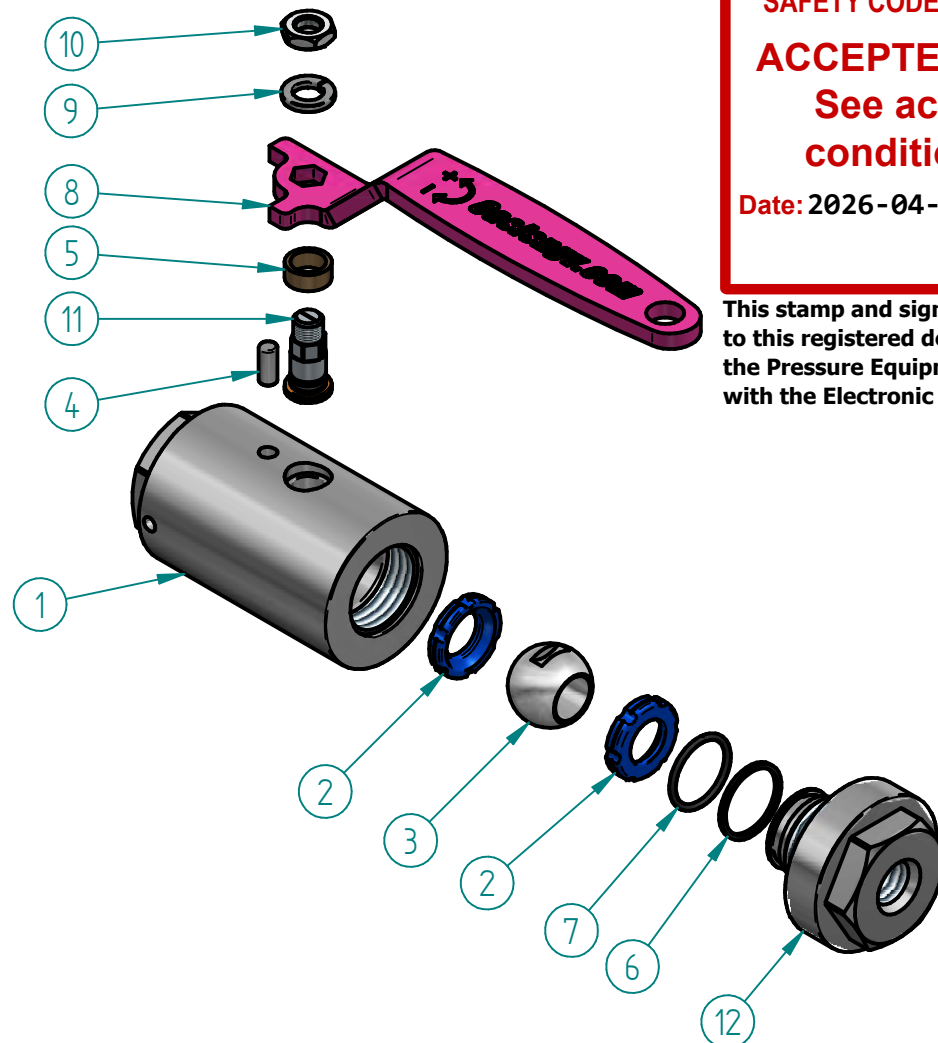
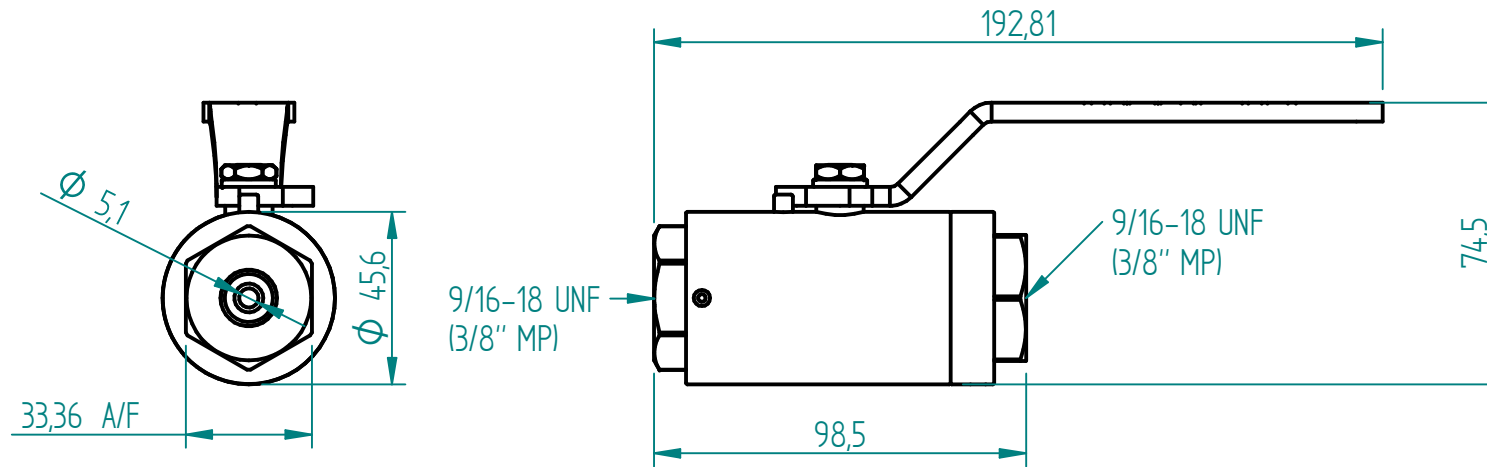
Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

NOTES:

1. PACKAGE TO INCLUDE QR LINK TO INSTRUCTION MANUAL (BV400-INS-01)
2. ADD PLASTIC CAPS 2x HIQ-13-PT25
3. TYPE TESTED PRODUCT, NO MODIFICATION WITHOUT AUTHORISATION



REVISION HISTORY

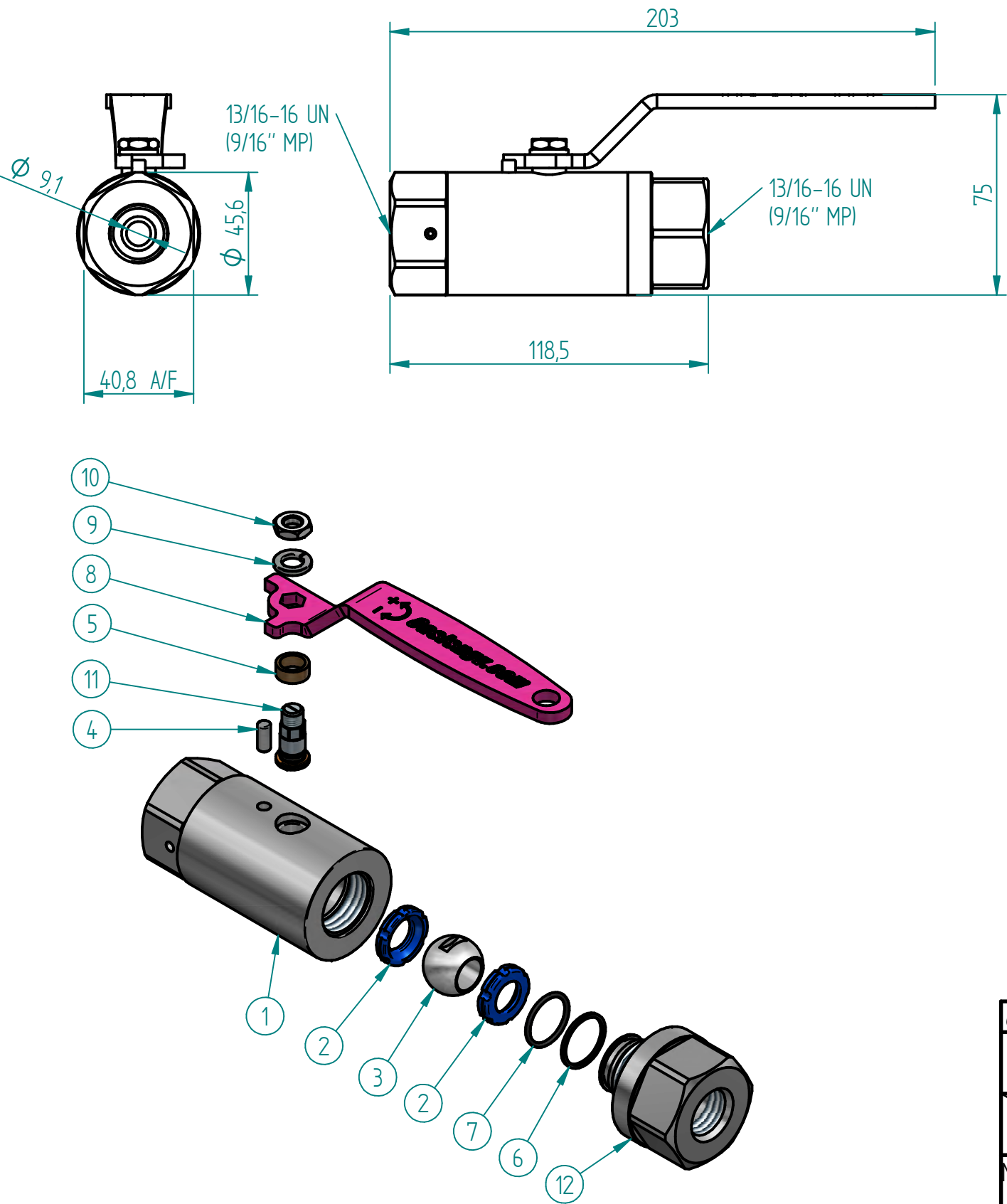
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE TO PRODUCTION	13/08/2025	LE AM

Item Number	Document Number	Title	Material	Quantity
1	XBV404-01	BV404 BODY - 3/8" MP	316 STAINLESS STEEL	1
2	XBV704-92	1/2" BALL VALVE SEAT	PEEK B16	2
3	SBV504-02	1/2" BALL VALVE BALL w/ HOLE IN BOTTOM	316 STAINLESS STEEL	1
4	XTH404-004	TH404 STOP PIN	316 STAINLESS STEEL	1
5	XTH404-013	400 SERIES 1/2" BALL VALVE GLAND	DELFIN AF	1
6	#ORBI018-N90	018 BACKUP ORING	NITRILE N90	1
7	#ORSI018-VG109-90	018 O-RING	LOW TEMP VITON (PARKER VG109-90)	1
8	XTH404-007	520 BAR CYLINDER VALVE HANDLE	304 STAINLESS STEEL	1
9	#WSPM08-X	M8 SPRING WASHER	304 STAINLESS STEEL	1
10	#NHFM08-X	M8 HALF NUT	304 STAINLESS STEEL	1
11	TH404-006	TH404 STEM ASSEMBLY		1
12	XTH404-009	TH404 CYLINDER VALVE END CAP-3/8" MEDIUM PRESSURE	316 STAINLESS STEEL	1

Q/A CHECK REQUIRED		NAME	DATE
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN L EDER	12/06/25
		CHECKED A MAKKER	13/08/25
TEST PRODUCT AS PER QS 16.0		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT	
MATERIAL:		OASIS ENGINEERING LTD www.OasisNGV.com	
		TITLE 1/2" BALL VALVE 3/8" MP	
		SIZE A3	PART NO BV404-6A4TCDW-G000
		REV A	
		FILE NAME: BV404-6A4TCDW-G000.dft	
		SCALE: N.T.S.	SHEET 1 OF 1

NOTES:

- 1. PACKAGE TO INCLUDE QR LINK TO INSTRUCTION MANUAL BV400-INS-01
- 2. ADD PLASTIC CAPS: 2x CAP-S4
- 3. TYPE TESTED PRODUCT, NO MODIFICATION WITHOUT AUTHORISATION



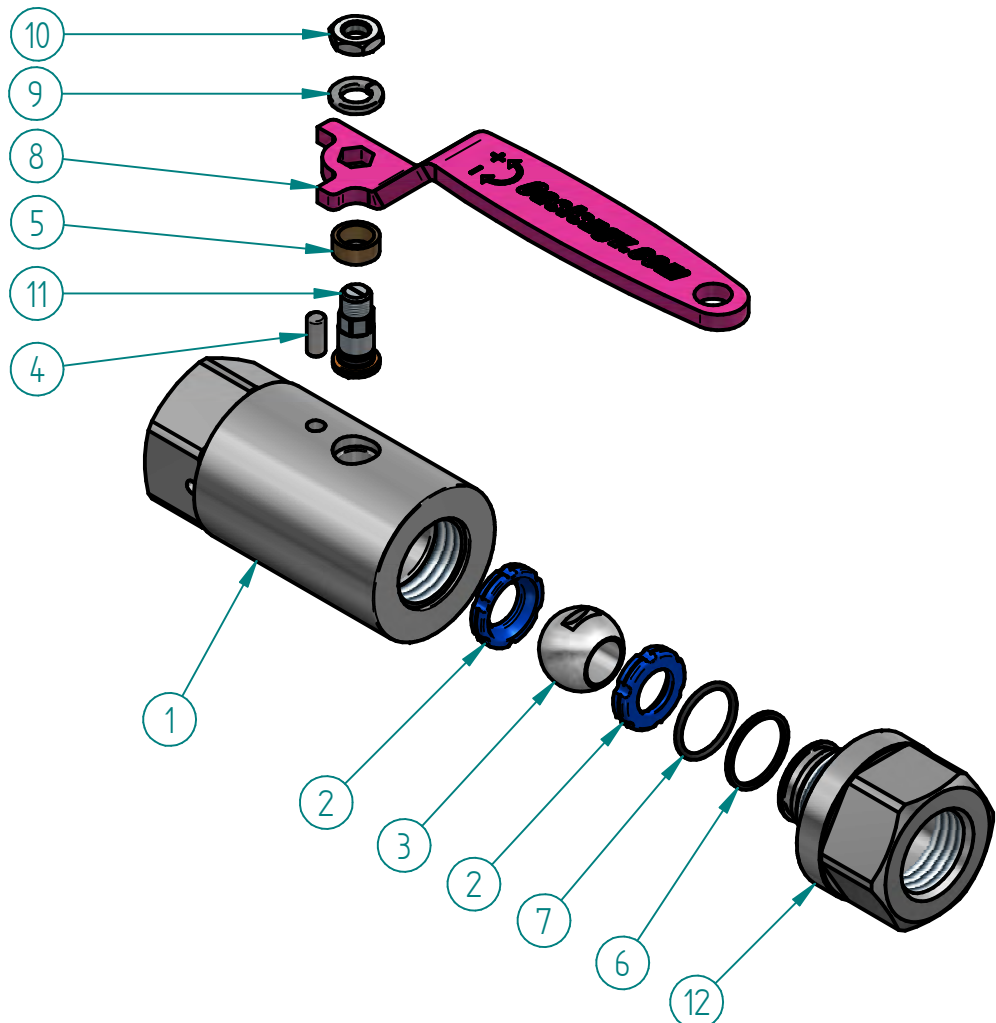
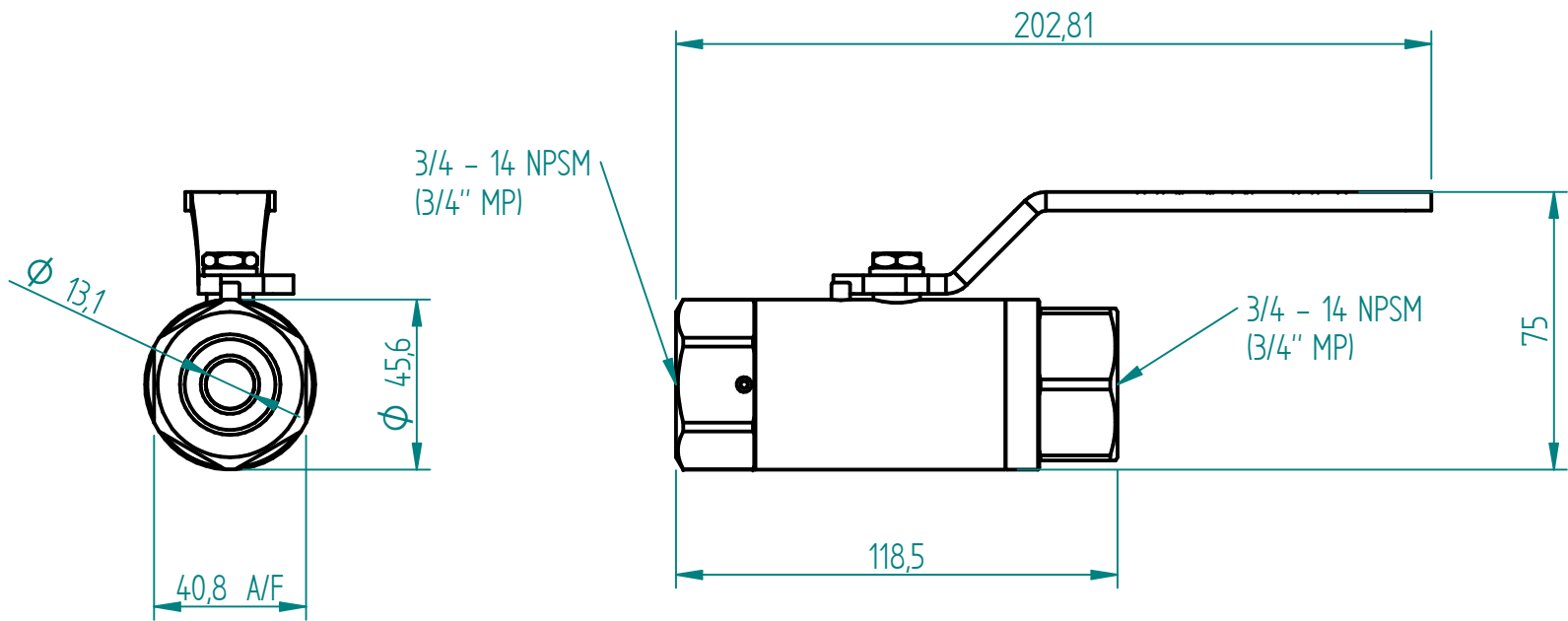
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE TO PRODUCTION	13/08/2025	LE AM

Item Number	Document Number	Title	Material	Quantity
1	XBV404-04	BV404 BODY - 9/16" MP	316 STAINLESS STEEL	1
2	XBV704-92	1/2" BALL VALVE SEAT	PEEK B16	2
3	SBV504-02	1/2" BALL VALVE BALL w/ HOLE IN BOTTOM	316 STAINLESS STEEL	1
4	XTH404-004	TH404 STOP PIN	316 STAINLESS STEEL	1
5	XTH404-013	400 SERIES 1/2" BALL VALVE GLAND	DELIN AF	1
6	#ORBI018-N90	018 BACKUP ORING	NITRILE N90	1
7	#ORSI018-VG109-90	018 O-RING	LOW TEMP VITON (PARKER VG109-90)	1
8	XTH404-007	520 BAR CYLINDER VALVE HANDLE	304 STAINLESS STEEL	1
9	#WSPM08-X	M8 SPRING WASHER	304 STAINLESS STEEL	1
10	#NHFM08-X	M8 HALF NUT	304 STAINLESS STEEL	1
11	TH404-006	TH404 STEM ASSEMBLY		1
12	XBV404-05	BV404 END CAP-9/16" MP	316 STAINLESS STEEL	1

Q/A CHECK REQUIRED		NAME	DATE
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN L EDER	10/03/25
		CHECKED K THOMPSON	12/03/25
TEST PRODUCT AS PER QS 16.0		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT	
MATERIAL:		OASIS ENGINEERING LTD www.OasisNGV.com	
		TITLE 1/2" BALL VALVE 9/16" MP	
		SIZE A3	PART NO BV404-6B4TCDW-G000
		REV A	
		FILE NAME: BV404-6B4TCDW-G000.dft	
		SCALE: N.T.S.	SHEET 1 OF 1

NOTES:

- 1. PACKAGE TO INCLUDE QR LINK TO INSTRUCTION MANUAL BV400-INS-01
- 2. ADD PLASTIC CAPS: 2x CAP-S6
- 3. TYPE TESTED PRODUCT, NO MODIFICATION WITHOUT AUTHORISATION



REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE TO PRODUCTION	13/08/2025	LE AM

Item Number	Document Number	Title	Material	Quantity
1	XBV404-02	BV404 BODY - 3/4" MP	316 STAINLESS STEEL	1
2	XBV704-92	1/2" BALL VALVE SEAT	PEEK B16	2
3	SBV504-02	1/2" BALL VALVE BALL w/ HOLE IN BOTTOM	316 STAINLESS STEEL	1
4	XTH404-004	TH404 STOP PIN	316 STAINLESS STEEL	1
5	XTH404-013	400 SERIES 1/2" BALL VALVE GLAND	DELIN AF	1
6	#ORBI018-N90	018 BACKUP ORING	NITRILE N90	1
7	#ORSI018-VG109-90	018 O-RING	LOW TEMP VITON (PARKER VG109-90)	1
8	XTH404-007	520 BAR CYLINDER VALVE HANDLE	304 STAINLESS STEEL	1
9	#WSPM08-X	M8 SPRING WASHER	304 STAINLESS STEEL	1
10	#NHFM08-X	M8 HALF NUT	304 STAINLESS STEEL	1
11	TH404-006	TH404 STEM ASSEMBLY		1
12	XBV404-03	BV404 END CAP-3/4" MP	316 STAINLESS STEEL	1

Q/A CHECK REQUIRED

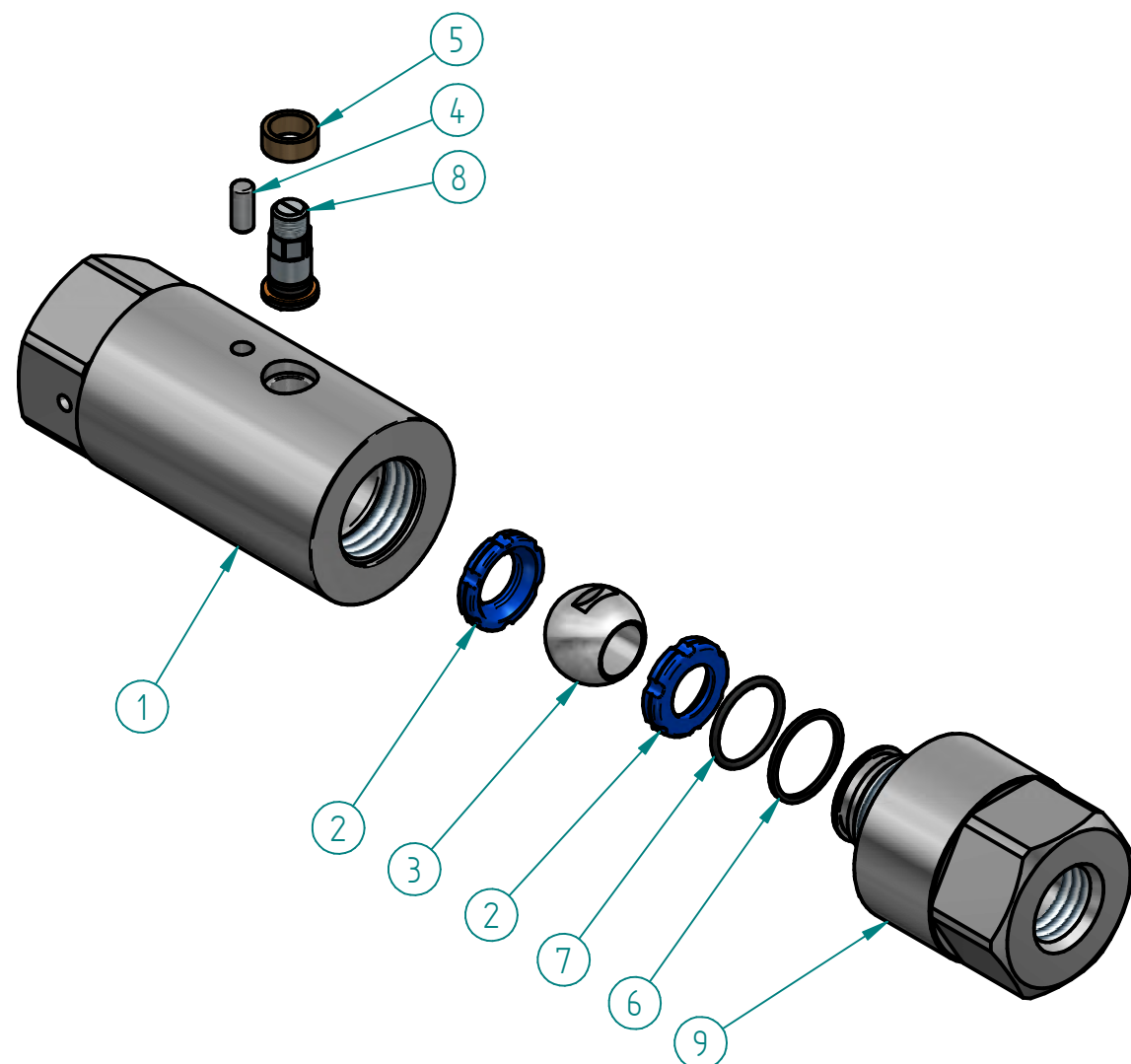
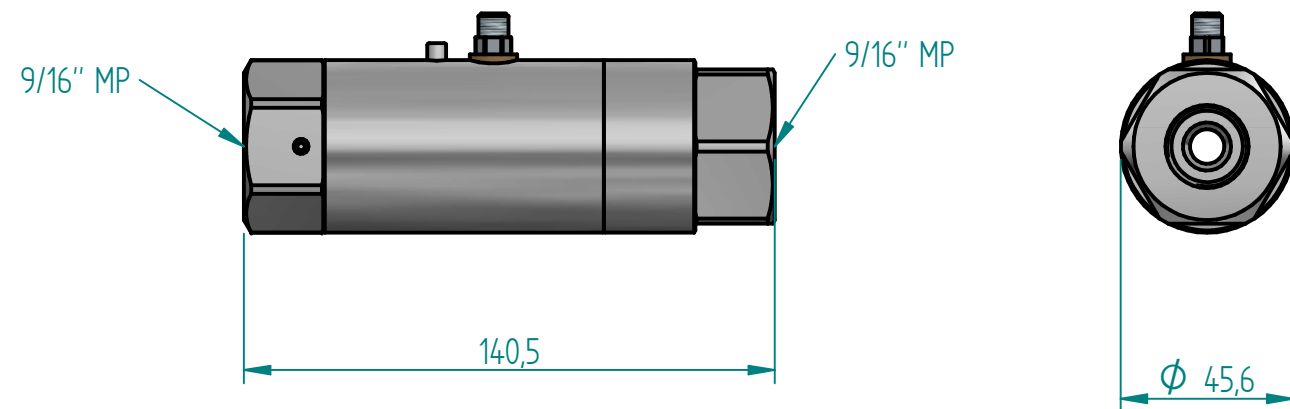
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	NAME	DATE
		CHECKED	A MAKER	13/08/25
	TEST PRODUCT AS PER QS 16.0	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT		
MATERIAL:				

OASIS ENGINEERING LTD www.OasisNGV.com		
TITLE 1/2" BALL VALVE 3/4" MP		
SIZE A3	PART NO BV404-6C4TCDW-G000	REV A
FILE NAME: BV404-6C4TCDW-G000.dft		
SCALE: N.T.S.		SHEET 1 OF 1

NOTES:

1. PACKAGE TO INCLUDE QR LINK TO INSTRUCTION MANUAL (BV404-INS-01)
2. ADD PLASTIC CAPS (CAP-S6)
3. TYPE TESTED PRODUCT, NO MODIFICATION WITHOUT AUTHORISATION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE TO PRODUCTION	13/08/2025	LE AM



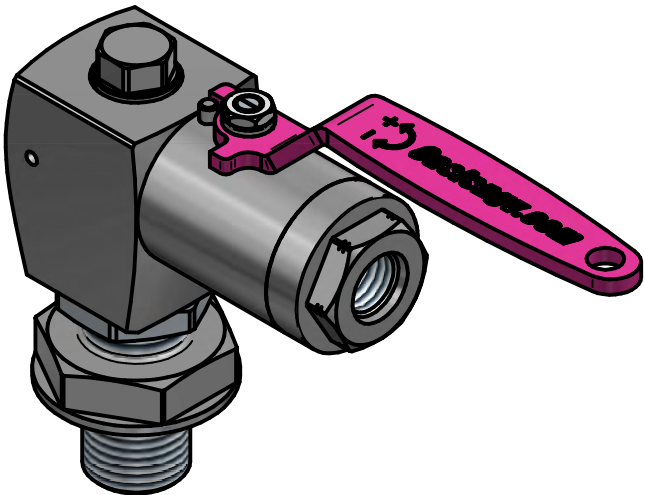
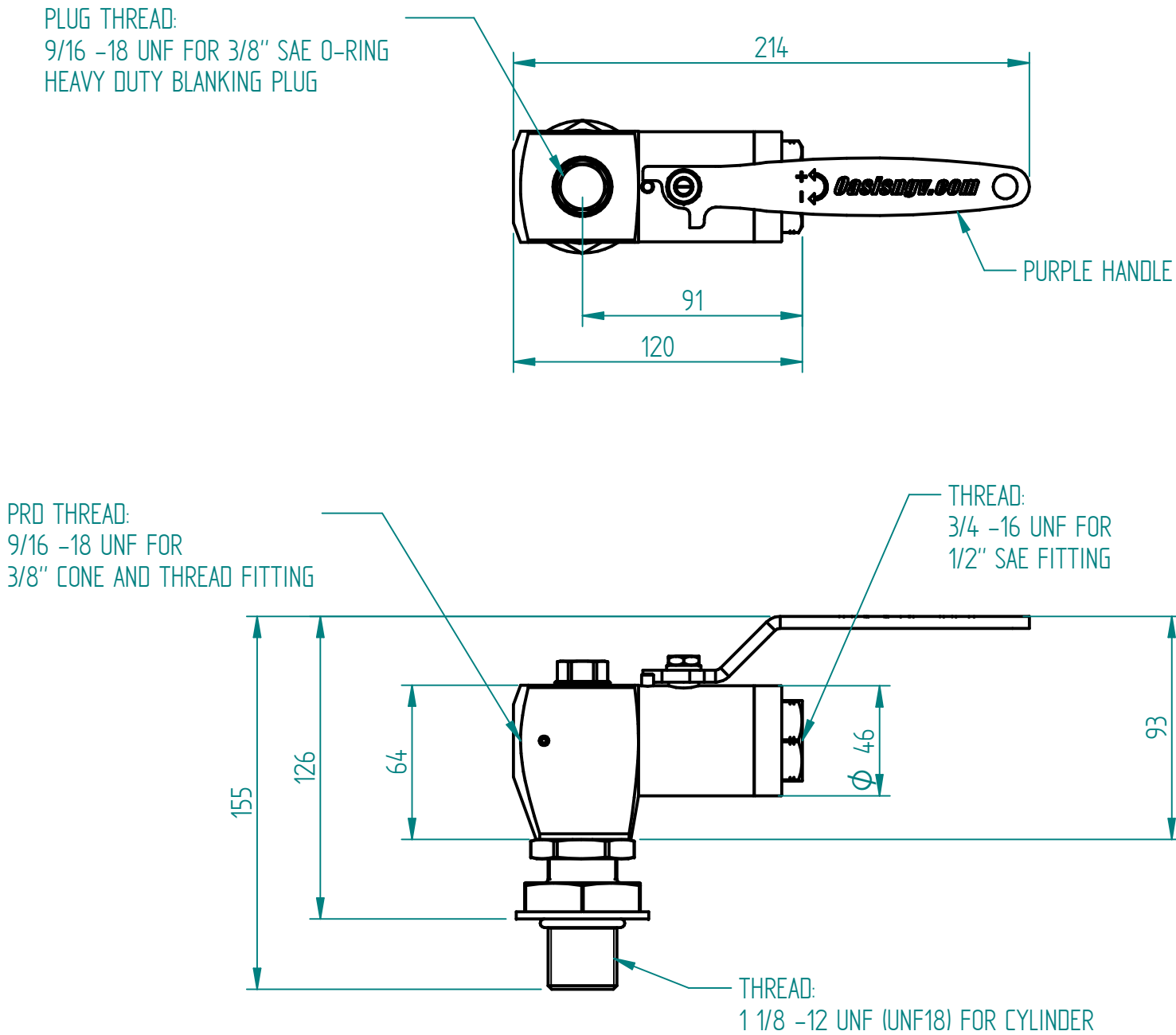
Item Number	Document Number	Title	Material	Quantity
1	XBV404-06	BV404 LONG BODY - 9/16" MP	316 STAINLESS STEEL	1
2	XBV704-92	1/2" BALL VALVE SEAT	PEEK B16	2
3	SBV504-02	1/2" BALL VALVE BALL w/ HOLE IN BOTTOM	316 STAINLESS STEEL	1
4	XTH404-004	TH404 STOP PIN	316 STAINLESS STEEL	1
5	XTH404-013	400 SERIES 1/2" BALL VALVE GLAND	DELIN AF	1
6	#ORBI018-N90	018 BACKUP ORING	NITRILE N90	1
7	#ORSI018-VG109-90	018 O-RING	LOW TEMP VITON (PARKER VG109-90)	1
8	TH404-006	TH404 STEM ASSEMBLY		1
9	XBV404-07	BV404 LONG END CAP-9/16" MP	316 STAINLESS STEEL	1

Q/A CHECK REQUIRED		NAME		DATE	 OASIS ENGINEERING LTD www.OasisNGV.com				
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	L EDER	04/06/25	TITLE 1/2" BALL VALVE 9/16" MP				
		CHECKED	A MAKKER	13/08/25					
 MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT			FILE NAME: BV404-6P4TCDW-0000.dft				
					SIZE A3	PART NO BV404-6PT4TCDW-0000	REV A		
					SCALE: N.T.S.			SHEET 1 OF 1	

NOTES:

- 1. PACKAGE TO INCLUDE QR LINK TO INSTRUCTION MANUAL (TH404-INS-01)
- 2. ADD PLASTIC CAPS: 1x HIQ-13-PT25, 1x CAP-HIQ-14-T110 AND 1x HIQ-14-CVSC-24025
- 3. TYPE TESTED PRODUCT, NO MODIFICATION WITHOUT AUTHORISATION .

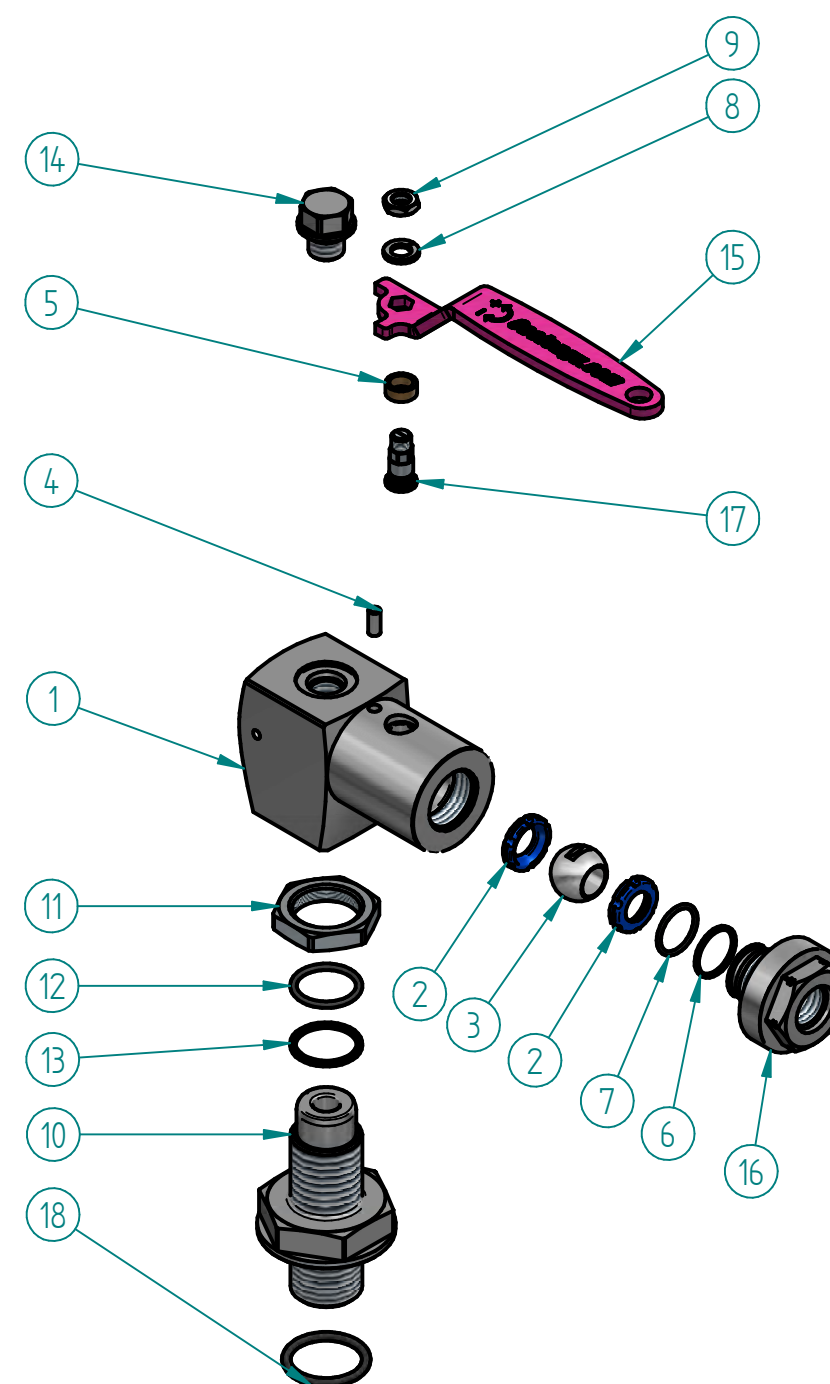
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B	CAP-HIQ-14-T110 WAS CAP-S4, TYPE TESTED PRODUCT NOTE ADDED	14/08/2025	LE JL
A	INITIAL RELEASE TO PRODUCTION	23/05/2025	LE WF



Q/A CHECK REQUIRED			NAME	DATE	 OASIS ENGINEERING LTD www.OasisNGV.com			
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	L EDER	21/05/25	TITLE 1/2" CYLINDER VALVE SAE w/ UNF18 ADAPTOR			
		CHECKED	W FISHER	23/05/25				
MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT			SIZE A3		PART NO TH404-62B98R0-G000	REV B
					FILE NAME: TH404-62B98R0-G000.dft			
					SCALE: N.T.S.			SHEET 1 OF 2

NOTES:

Item Number	Document Number	Title	Material	Quantity
1	XTH404-001	TH404 1/2" CYLINDER VALVE BODY	316 STAINLESS STEEL	1
2	XBV704-92	1/2" BALL VALVE SEAT	PEEK B16	2
3	SBV504-02	1/2" BALL VALVE BALL w/ HOLE IN BOTTOM	316 STAINLESS STEEL	1
4	XTH404-004	TH404 STOP PIN	316 STAINLESS STEEL	1
5	XTH404-013	400 SERIES 1/2" BALL VALVE GLAND	DELFIN AF	1
6	#ORBI018-N90	018 BACKUP ORING	NITRILE N90	1
7	#ORSI018-VG109-90	018 O-RING	LOW TEMP VITON (PARKER VG109-90)	1
8	#WSPM08-X	M8 SPRING WASHER	304 STAINLESS STEEL	1
9	#NHFM08-X	M8 HALF NUT	304 STAINLESS STEEL	1
10	XTH404-011	CYLINDER ADAPTOR UNF18 385 BAR	316 STAINLESS STEEL	1
11	XTH404-005	CYLINDER VALVE ADAPTOR NUT	316 STAINLESS STEEL	1
12	#ORSI119-VG109-90	O RING 119	LOW TEMP VITON (PARKER VG109-90)	1
13	#ORBI119-N90	ORING BACKUP 119	NITRILE N90	1
14	TH404-008	TH404 CYLINDER VALVE BLANKING PLUG ASSEMBLY		1
15	XTH404-007	520 BAR CYLINDER VALVE HANDLE	304 STAINLESS STEEL	1
16	XTH404-003	TH404 CYLINDER VALVE END CAP - 1/2" SAE	316 STAINLESS STEEL	1
17	TH404-006	TH404 STEM ASSEMBLY		1
18	#ORSI216-VG109-90	216 VG109-90 ORING	LOW TEMP VITON (PARKER VG109-90)	1



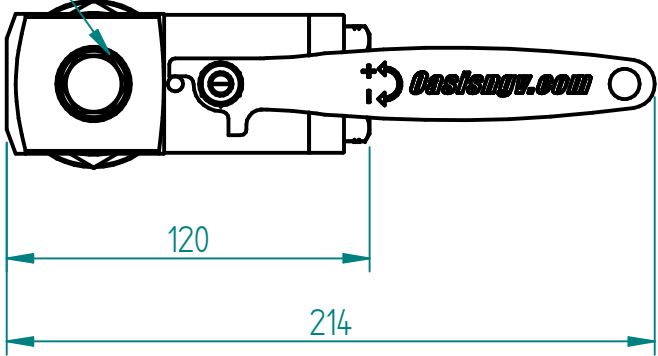
Q/A CHECK REQUIRED		NAME	DATE	 OASIS ENGINEERING LTD www.OasisNGV.com	
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	21/05/25		
		CHECKED	W FISHER	23/05/25	
MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES $\pm 0.5^\circ$ X = ± 0.2 / X.X = ± 0.1 / X.XX = ± 0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT			TITLE 1/2" CYLINDER VALVE SAE w/ UNF18 ADAPTOR
					SIZE A3 PART NO TH404-62B98R0-G000 REV B
					FILE NAME: TH404-62B98R0-G000.dft SCALE: N.T.S. SHEET 2 OF 2

NOTES:

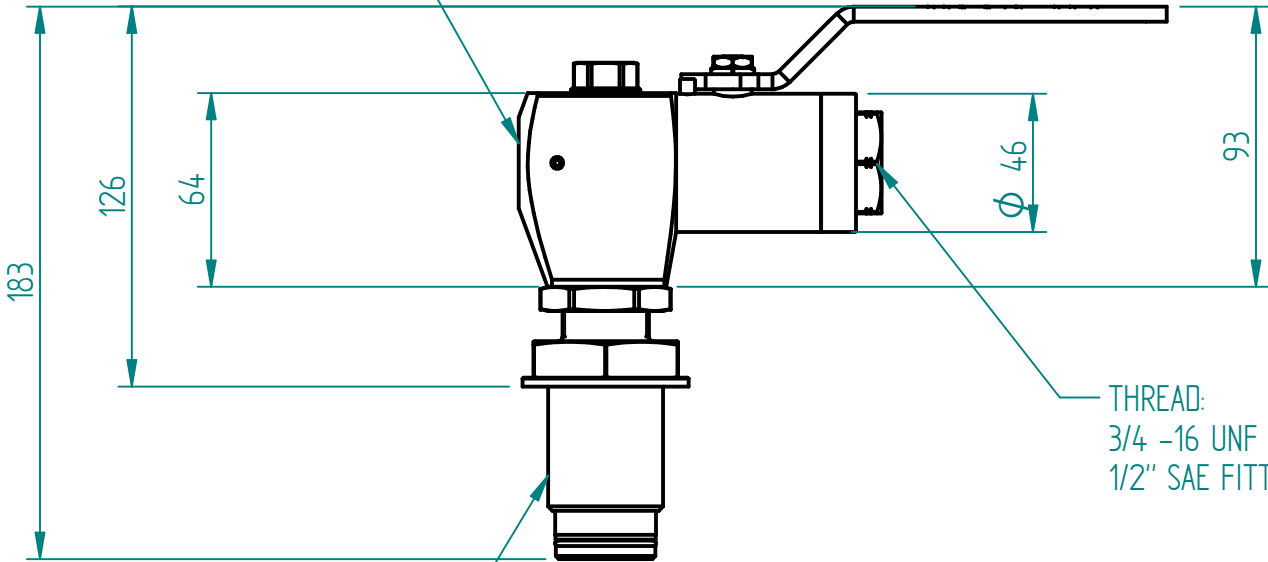
- 1. PACKAGE TO INCLUDE QR LINK TO INSTRUCTION MANUAL (TH404-INS-01)
- 2. ADD PLASTIC CAPS: 1x HIQ-13-PT25 1x CAP-HIQ-14-T110 AND 1x CAP 14-CVLC36060
- 3. TYPE TESTED PRODUCT, NO MODIFICATION WITHOUT AUTHORISATION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE FOR PRODUCTION	11/09/2025	LE AM

PLUG THREAD:
9/16 -18 UNF FOR 3/8" SAE O-RING
HEAVY DUTY BLANKING
AND COMMISSIONING PLUG

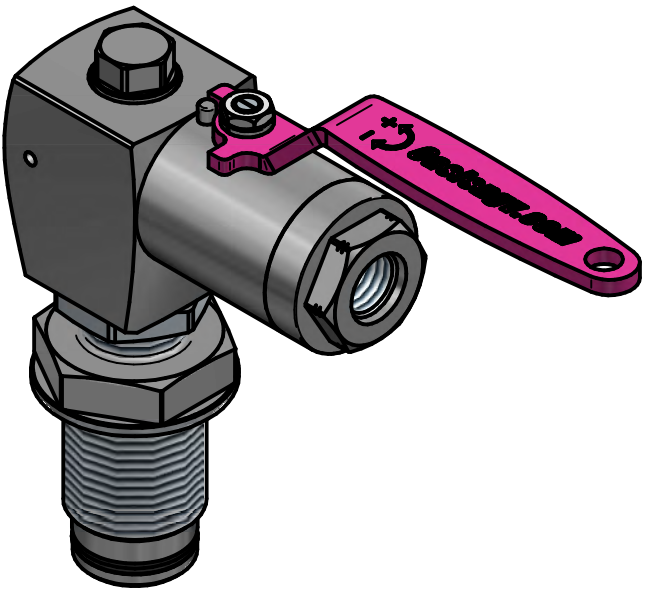


PRD THREAD:
9/16 -18 UNF FOR
3/8 CONE AND THREAD FITTING



THREAD:
3/4 -16 UNF FOR
1/2" SAE FITTING

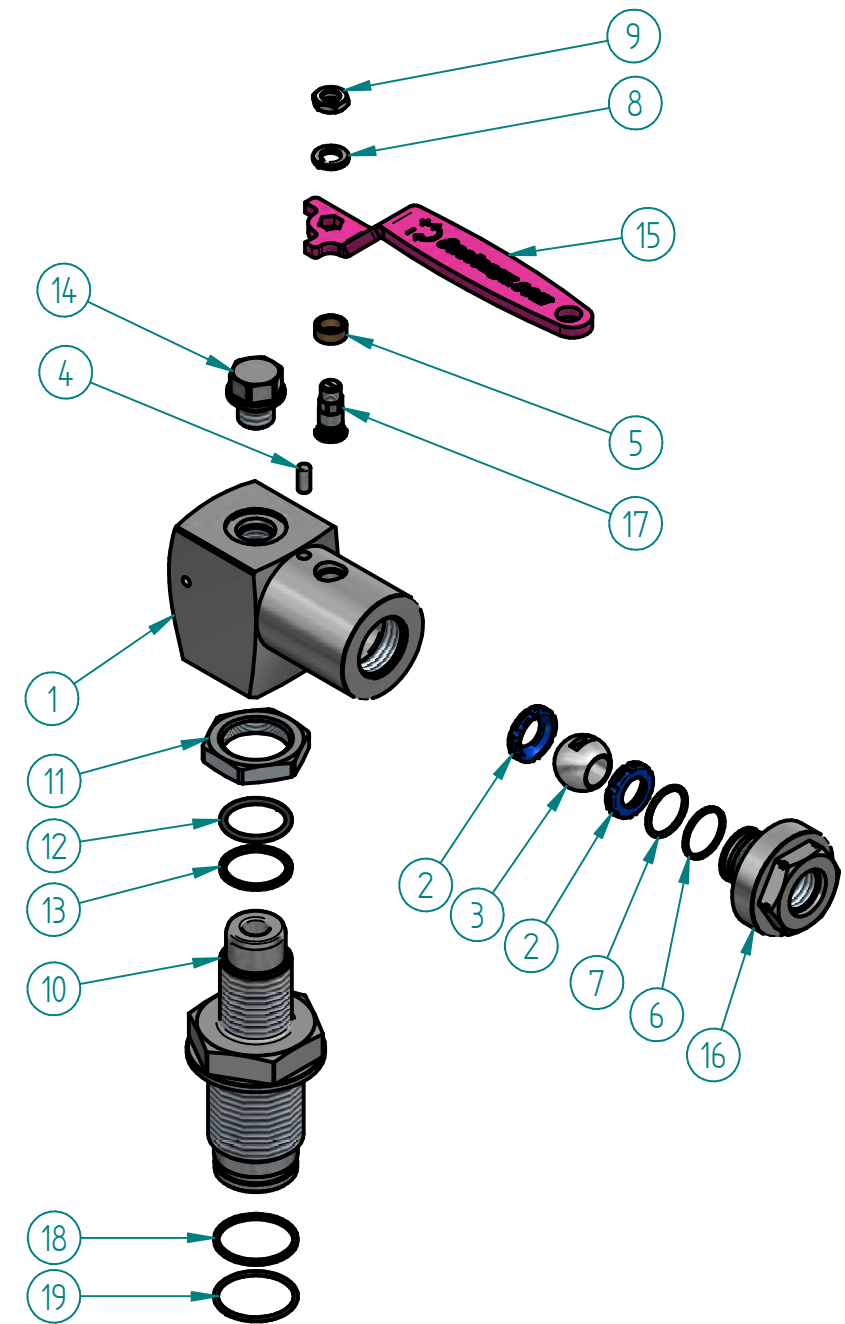
THREAD:
1 1/2 -12 UNF FOR CYLINDER



Q/A CHECK REQUIRED		NAME	DATE	 OASIS ENGINEERING LTD www.OasisNGV.com	
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	CHECKED		
		L EDER	A MAKKER	11/09/25	11/09/25
MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT			TITLE 1/2" CYLINDER VALVE SAE w/1 1/2" UNF ADAPTOR
					SIZE A3 PART NO TH404-62BA8R0-G000 REV A
					FILE NAME: TH404-62BA8R0-G000.dft
					SCALE: N.T.S. SHEET 1 OF 2

NOTES:

Item Number	Document Number	Title	Material	Quantity
1	XTH404-001	TH404 1/2" CYLINDER VALVE BODY	316 STAINLESS STEEL	1
2	XBV704-92	1/2" BALL VALVE SEAT	PEEK B16	2
3	SBV504-02	1/2" BALL VALVE BALL w/ HOLE IN BOTTOM	316 STAINLESS STEEL	1
4	XTH404-004	TH404 STOP PIN	316 STAINLESS STEEL	1
5	XTH404-013	400 SERIES 1/2" BALL VALVE GLAND	DELFIN AF	1
6	#ORBI018-N90	018 BACKUP ORING	NITRILE N90	1
7	#ORSI018-VG109-90	018 O-RING	LOW TEMP VITON (PARKER VG109-90)	1
8	#WSPM08-X	M8 SPRING WASHER	304 STAINLESS STEEL	1
9	#NHFM08-X	M8 HALF NUT	304 STAINLESS STEEL	1
10	XTH404-002	CYLINDER ADAPTOR 700 BAR G6 BORE	316 STAINLESS STEEL	1
11	XTH404-005	CYLINDER VALVE ADAPTOR NUT	316 STAINLESS STEEL	1
12	#ORSI119-VG109-90	O RING 119	LOW TEMP VITON (PARKER VG109-90)	1
13	#ORBI119-N90	ORING BACKUP 119	NITRILE N90	1
14	TH404-008	TH404 CYLINDER VALVE BLANKING PLUG ASSEMBLY		1
15	XTH404-007	520 BAR CYLINDER VALVE HANDLE	304 STAINLESS STEEL	1
16	XTH404-003	TH404 CYLINDER VALVE END CAP - 1/2" SAE	316 STAINLESS STEEL	1
17	TH404-006	TH404 STEM ASSEMBLY		1
18	#ORBI025-N90	ORING BACKUP 025	NITRILE N90	1
19	#ORSI025-VG109-90	O RING 025	LOW TEMP VITON (PARKER VG109-90)	1

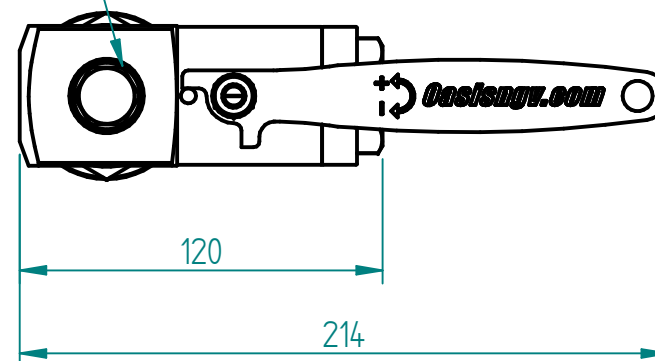


Q/A CHECK REQUIRED		NAME	DATE	OASIS ENGINEERING LTD	
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	L EDER	11/09/25	www.OasisNGV.com
		CHECKED	A MAKKER	11/09/25	
MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT		TITLE 1/2" CYLINDER VALVE SAE w/1 1/2" UNF ADAPTOR	
		SIZE	A3	PART NO	TH404-62BA8R0-G000
		FILE NAME: TH404-62BA8R0-G000.dft		REV	A
		SCALE: N.T.S.		SHEET 2 OF 2	

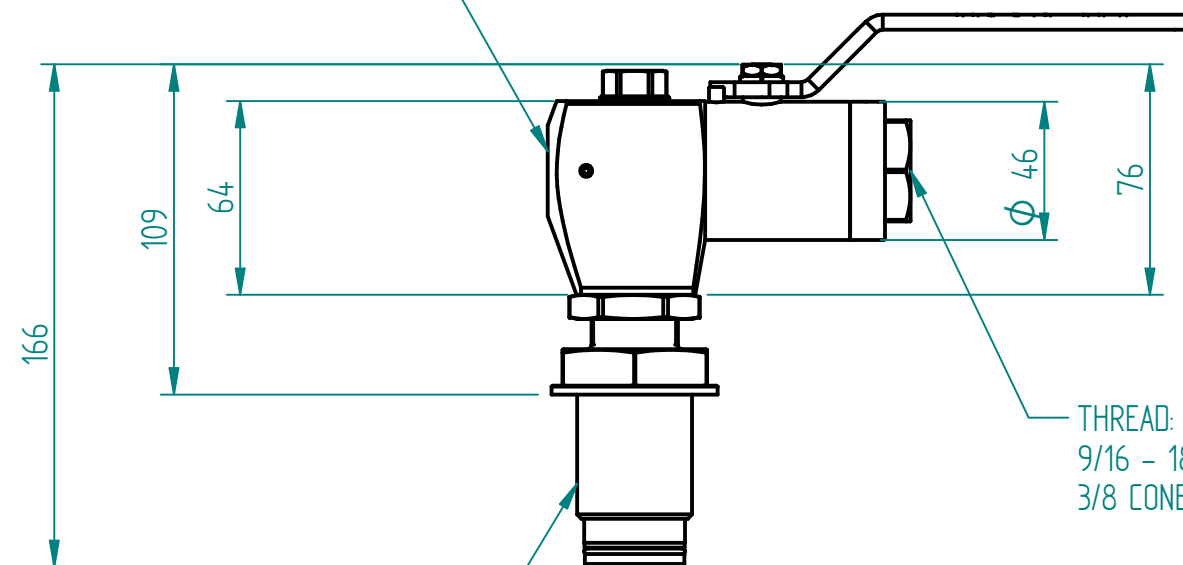
NOTES:

1. PACKAGE TO INCLUDE QR LINK TO INSTRUCTION MANUAL (TH404-INS-01)
2. ADD PLASTIC CAPS: 2x HIQ-13-PT25 AND 1x CAP 14-CVLC36060
3. TYPE TESTED PRODUCT, NO MODIFICATION WITHOUT AUTHORISATION

PLUG THREAD:
9/16 -18 UNF FOR 3/8" SAE O-RING
HEAVY DUTY BLANKING
AND COMMISSIONING PLUG

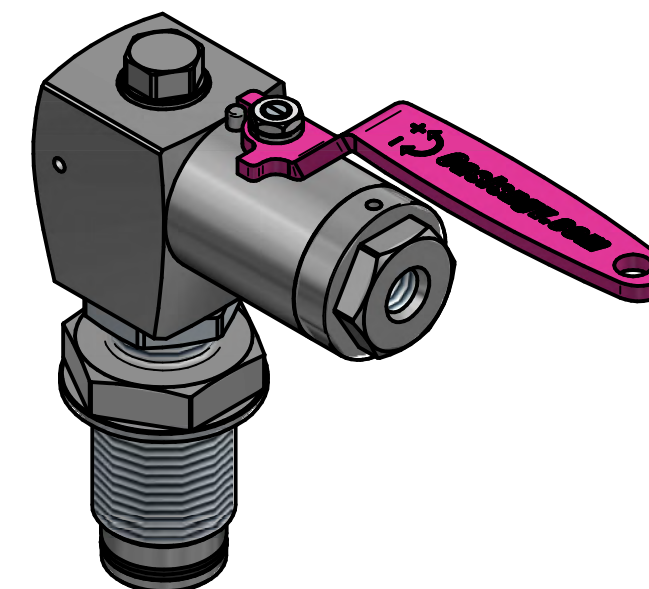


PRD THREAD:
9/16 -18 UNF FOR
3/8 CONE AND THREAD FITTING



THREAD:
9/16 - 18 UNF FOR
3/8 CONE AND THREAD FITTING

THREAD:
1 1/2 -12 UNF FOR CYLINDER



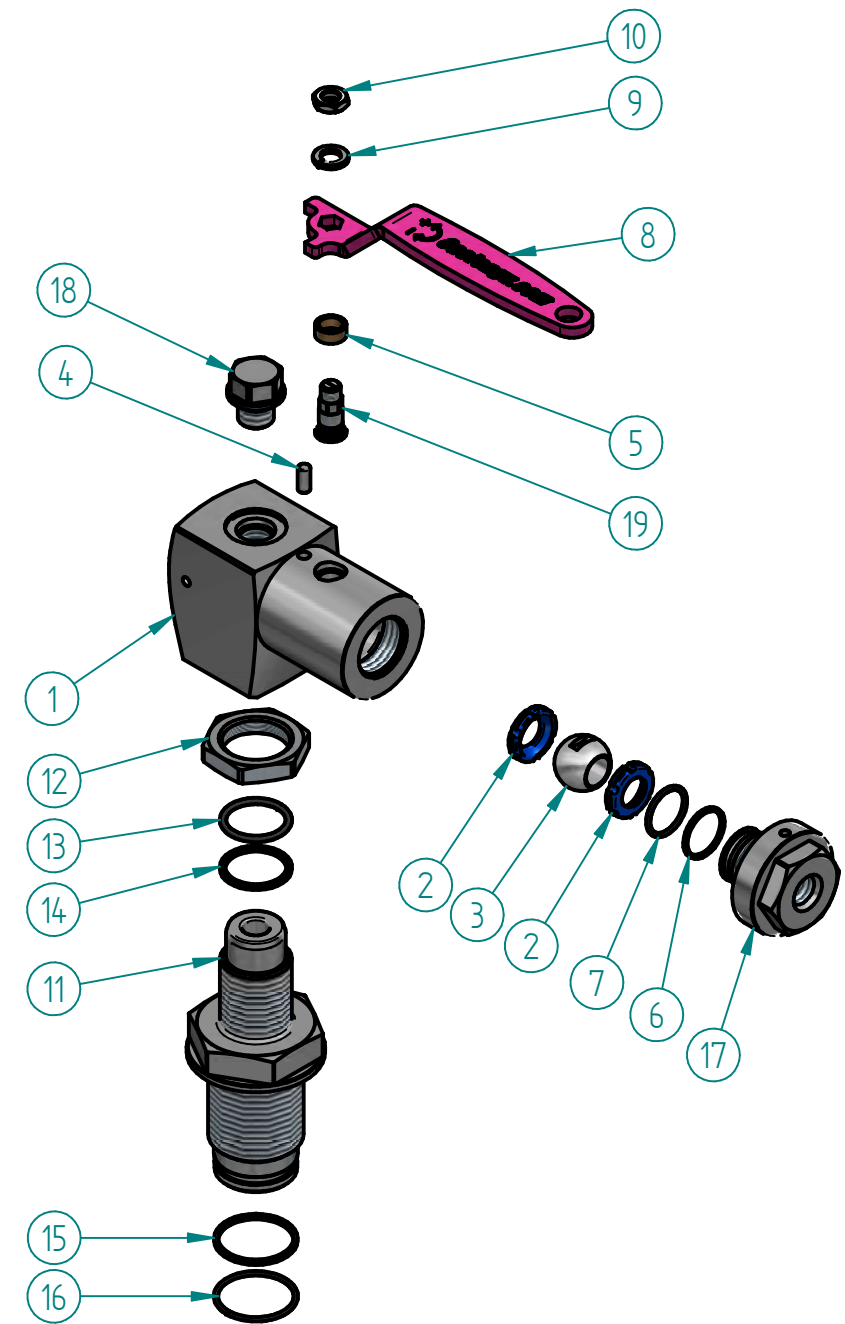
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE FOR PRODUCTION	10/09/2025	LE AM

Q/A CHECK REQUIRED			NAME	DATE	 OASIS ENGINEERING LTD www.OasisNGV.com				
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	L EDER	11/02/25	TITLE 1/2" CYLINDER VALVE 3/8" MP w/1 1/2" UNF ADAPTOR				
		CHECKED	A MAKKER	10/09/25					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT			SIZE A3			PART NO TH404-66BA8R0-G000	REV A
MATERIAL:					FILE NAME: TH404-66BA8R0-G000.dft				
					SCALE: N.T.S.				SHEET 1 OF 2

NOTES:

Item Number	Document Number	Title	Material	Quantity
1	XTH404-001	TH404 1/2" CYLINDER VALVE BODY	316 STAINLESS STEEL	1
2	XBV704-92	1/2" BALL VALVE SEAT	PEEK B16	2
3	SBV504-02	1/2" BALL VALVE BALL w/ HOLE IN BOTTOM	316 STAINLESS STEEL	1
4	XTH404-004	TH404 STOP PIN	316 STAINLESS STEEL	1
5	XTH404-013	400 SERIES 1/2" BALL VALVE GLAND	DELIN AF	1
6	#ORBI018-N90	018 BACKUP ORING	NITRILE N90	1
7	#ORSI018-VG109-90	018 O-RING	LOW TEMP VITON (PARKER VG109-90)	1
8	XTH404-007	520 BAR CYLINDER VALVE HANDLE	304 STAINLESS STEEL	1
9	#WSPM08-X	M8 SPRING WASHER	304 STAINLESS STEEL	1
10	#NHFM08-X	M8 HALF NUT	304 STAINLESS STEEL	1
11	XTH404-002	CYLINDER ADAPTOR 700 BAR G6 BORE	316 STAINLESS STEEL	1
12	XTH404-005	CYLINDER VALVE ADAPTOR NUT	316 STAINLESS STEEL	1
13	#ORSI119-VG109-90	O RING 119	LOW TEMP VITON (PARKER VG109-90)	1
14	#ORBI119-N90	ORING BACKUP 119	NITRILE N90	1
15	#ORBI025-N90	ORING BACKUP 025	NITRILE N90	1
16	#ORSI025-VG109-90	O RING 025	LOW TEMP VITON (PARKER VG109-90)	1
17	XTH404-009	TH404 CYLINDER VALVE END CAP-3/8" MEDIUM PRESSURE	316 STAINLESS STEEL	1
18	TH404-008	TH404 CYLINDER VALVE BLANKING PLUG ASSEMBLY		1
19	TH404-006	TH404 STEM ASSEMBLY		1



Q/A CHECK REQUIRED		NAME	DATE	OASIS ENGINEERING LTD	
DIMS/NOTES	RANDOM SAMPLE SIZE TO	DRAWN	L EDER	11/02/25	www.OasisNGV.com
		CHECKED	A MAKKER	10/09/25	
MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±0.5° X = ±0.2 / X.X = ±0.1 / X.XX = ±0.05 SURFACE FINISH 0.8 Ra BREAK ALL CORNERS WITH 0.3 RADIUS NO BURRS & SHARP EDGES TO BE LEFT		TITLE 1/2" CYLINDER VALVE 3/8" MP w/1 1/2" UNF ADAPTOR	
		SIZE	A3	PART NO	TH404-66BA8R0-G000
		FILE NAME: TH404-66BA8R0-G000.dft		REV	A
		SCALE: N.T.S.		SHEET 2 OF 2	