Base Load Power Hub (BLPH)

GENERAL ARRANGEMENTS DRAWING (INCLUDING WEIGHT DATA SHEETS) - CONTROL VALVES (AST)

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Document Class: 2

Rev.	Date	Description	Prepared	Reviewed	Approved
02	02/07/2024	Accepted for Construction (AFC)	AT	AP	AP
01	14/06/2024	Accepted for Construction (AFC)	AT	AP	AP
00	10/05/2024	Issue for Review (IFR)	AT	AP	AP

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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	GENERAL ARRANGEMENTS DRAWING (INCLUDING WEIGHT DATA SHEETS) - CONTROL VALVES (AST)	Sh. 2 of 9 Date: 02/07/2024 Rev. 02

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Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ACCEPTED FOR CONSTRUCTION (AFC)
02	ACCEPTED FOR CONSTRUCTION (AFC)

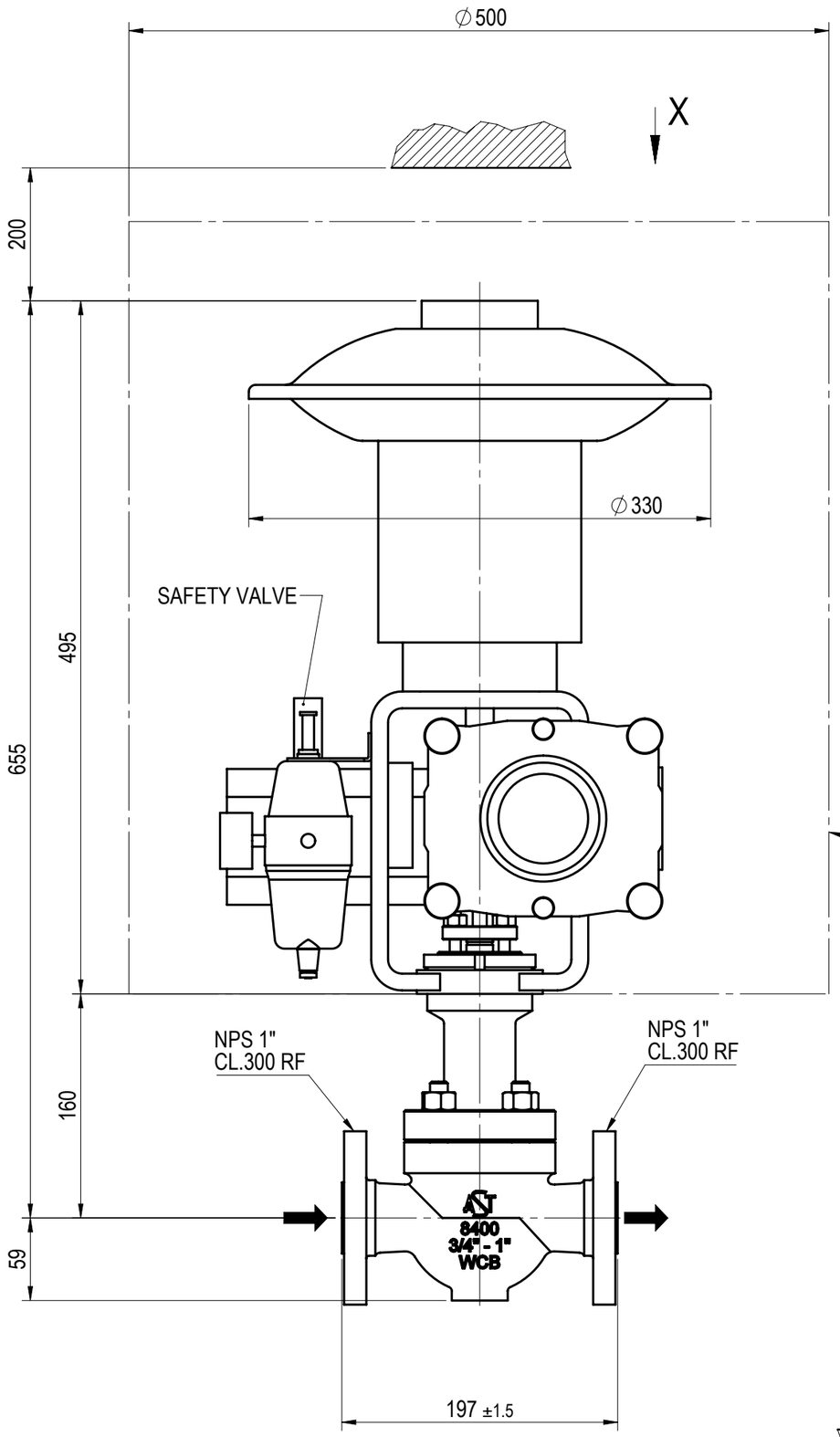
HOLDS LIST

No.	Description
1.	
2.	
3.	
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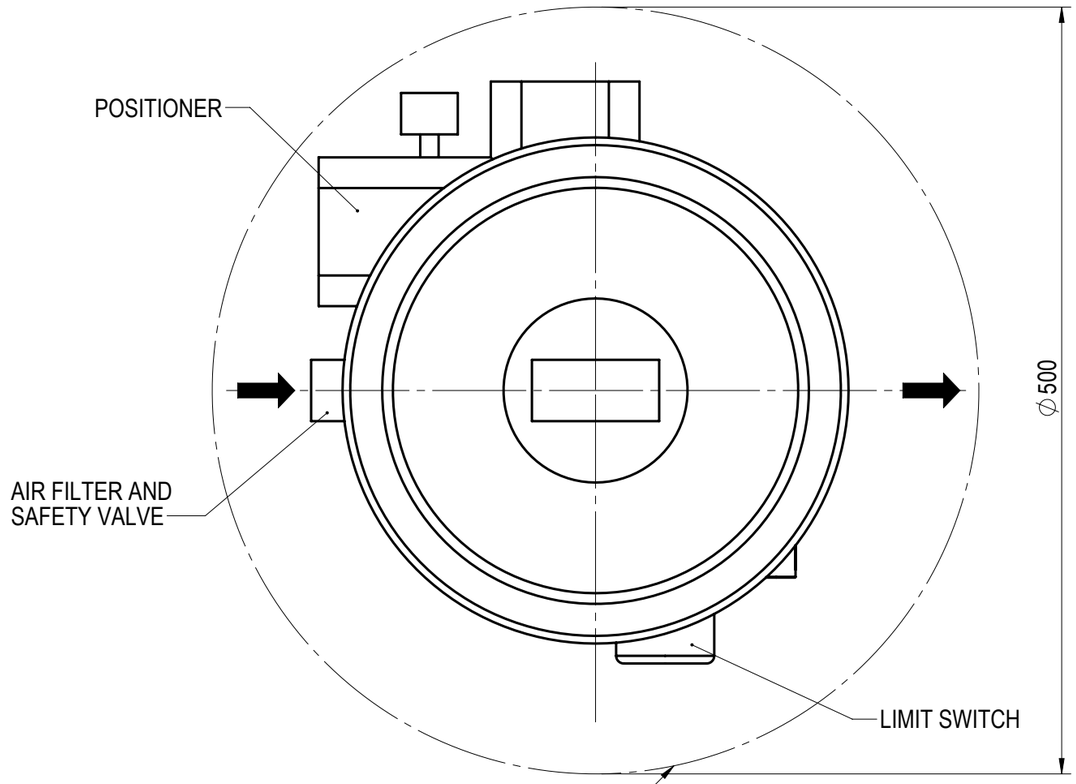
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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	GENERAL ARRANGEMENTS DRAWING (INCLUDING WEIGHT DATA SHEETS) - CONTROL VALVES (AST)	Sh. 4 of 9 Date: 02/07/2024 Rev. 02

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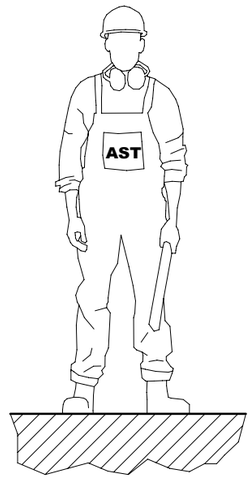
UPPER VIEW FROM "X"



MAXIMUM ACCESSORIES
OVERALL DIMENSION

POSITIONER ON BACK SIDE

MASS:
VALVE= ~ 12 kg
ACTUATOR= ~ 28 kg
TOTAL= ~ 40kg



General tolerances

For main components:
- up to 500mm ± 25
- over 500mm ± 50

For installed equipments / instrument / tubing:
- all dim. ± 100

Cliente / Customer	ROSETTI MARINO S.P.A.
Ordine AST / AST job	CV2400221
Sigle / Tags	25-FV-031, 25-FV-032, 25-FV-033, 25-FV-034, 25-FV-036, 25-FV-038
Matricole / Serials	2400583, 2400584, 2400585, 2400586, 2400587, 2400588

Revision Description
ADDED ACCESSORIES AS PER CUSTOMER COMMENTS

Drawn	ABD ELSALAM	Checked	PINI	Approval	PEREGO	Date	29-05-24

PROPERTY AND REPRODUCTION ARE SUBJECTED TO THE LAW

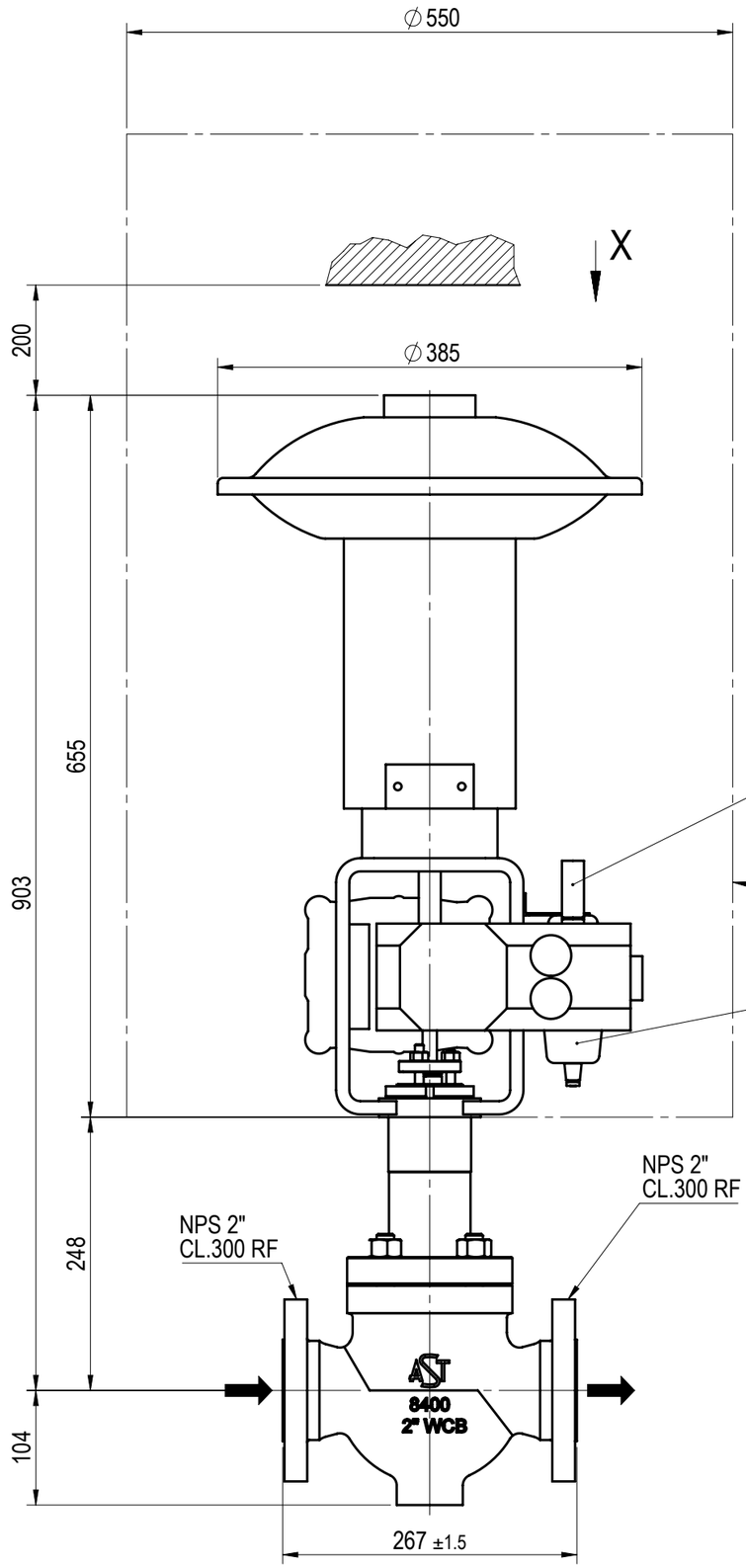
Scale | Mass kg | CR 00298 | NOTE:

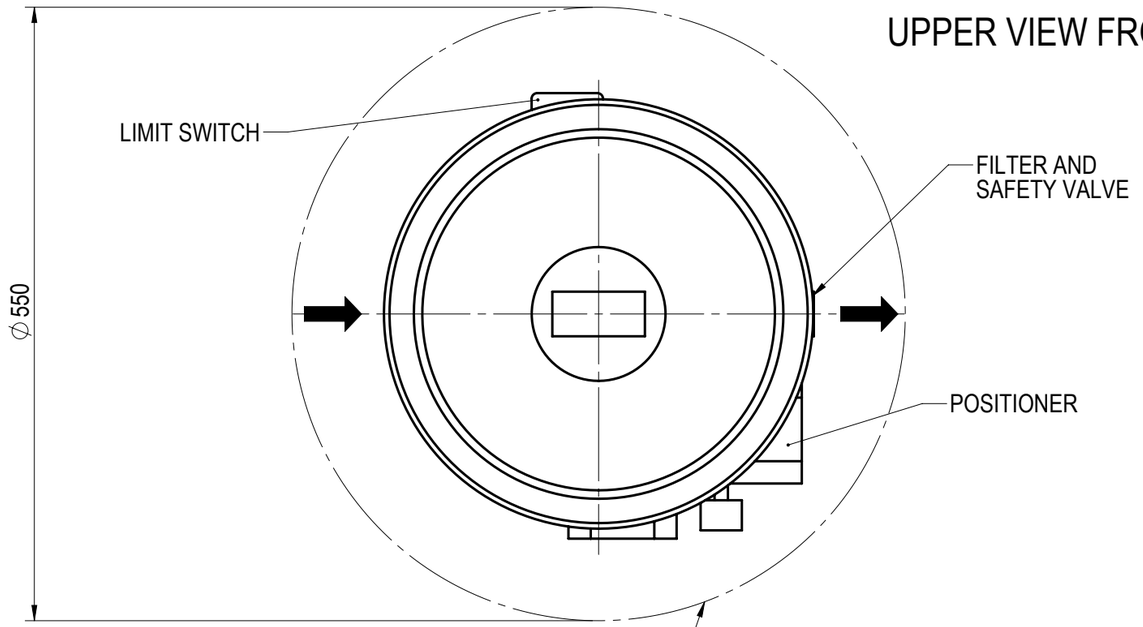
Description
CV-8407 OVERALL DIMENSION
NPS 1" PORT 1/4" CL. 300 RF
WITH SOFT SEATING

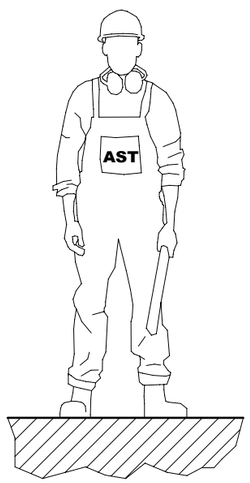
Dwg No
240221-0100OD

Rev. 1 | Sheet 1 of 1

A3 - AST S.p.A. Via R. Merendi, 40 - 20010 Cornaredo (Mi) - Tel.02 934848.1 - Control valve division







POSITIONER ON FRONT SIDE

MASS:
VALVE= ~ 30 kg
ACTUATOR= ~ 45 kg
TOTAL= ~ 75 kg

General tolerances

For main components:
- up to 500mm ± 25
- over 500mm ± 50

For installed equipments / instrument / tubing:
- all dim. ± 100

Cliente / Customer	ROSETTI MARINO S.P.A.
Ordine AST / AST job	CV2400221
Sigle / Tags	25-PV-035, 25-PV-037, 25-PV-040, 25-PV-043, 25-PV-046, 25-PV-049
Matricole / Serials	2400589, 2400590, 2400591, 2400592, 2400593, 2400594

Revision Description
ADDED ACCESSORIES AS PER CUSTOMER COMMENTS

Drawn	ABD ELSALAM	Checked	PINI	Approval	PEREGO	Date	29-05-24

PROPERTY AND REPRODUCTION ARE SUBJECTED TO THE LAW

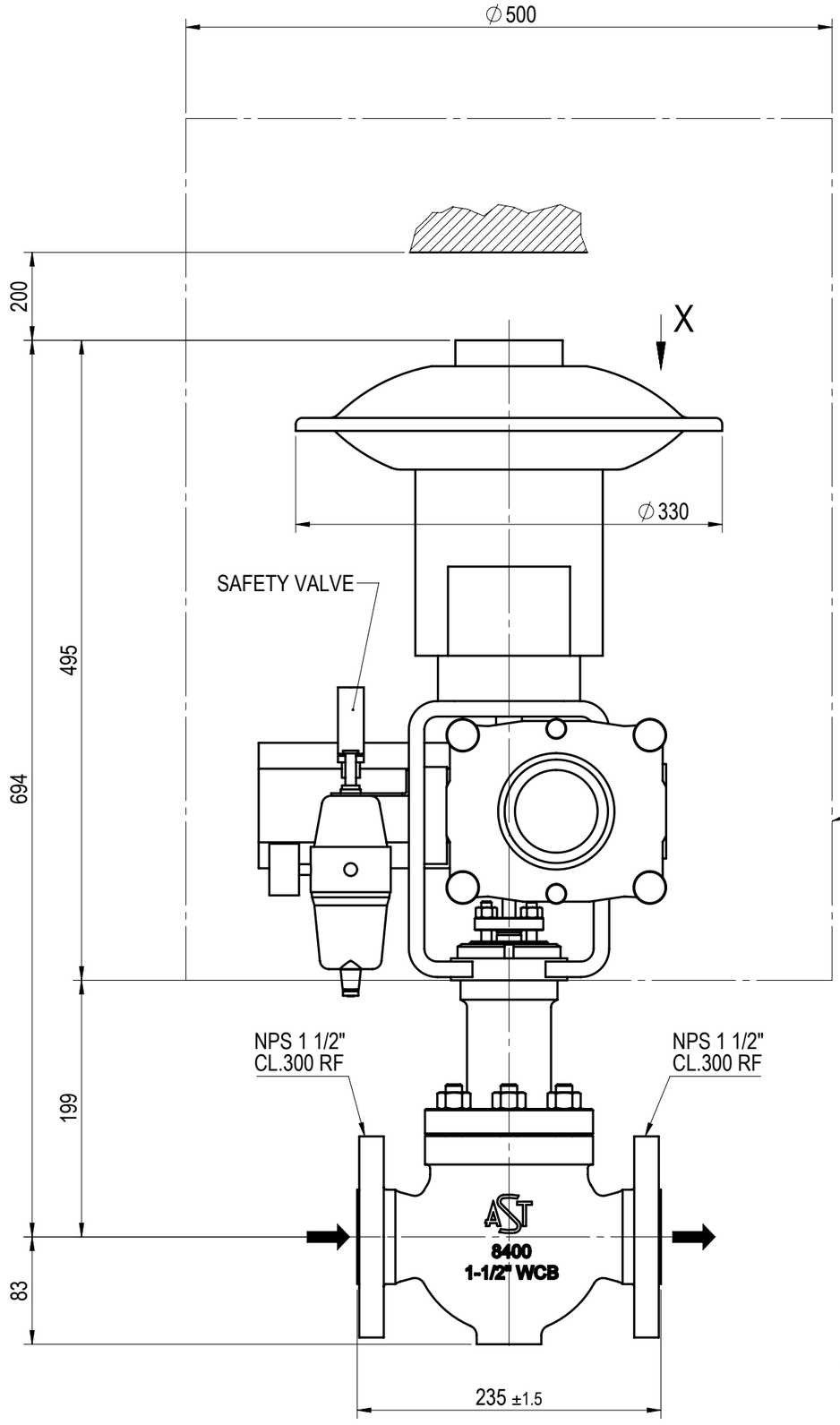
Scale | Mass kg | CR 00299 | NOTE:

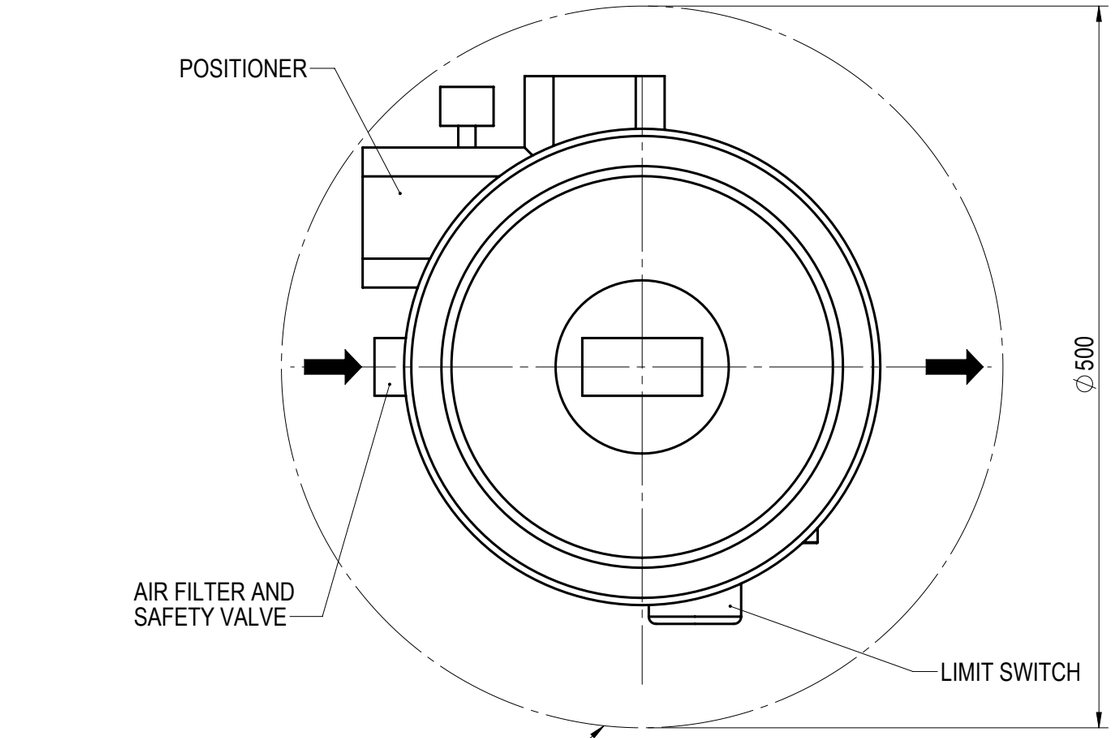
Description
CV-8407 OVERALL DIMENSION
NPS 2" PORT 1" CL. 300 RF
WITH SOFT SEATING

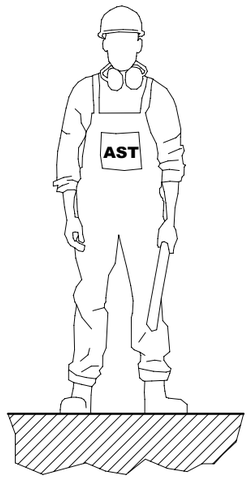
Dwg No
240221-0200OD

Rev. 1 | Sheet 1 of 1

A3 - AST S.p.A. Via R. Merendi, 40 - 20010 Cornaredo (Mi) - Tel.02 934848.1 - Control valve division







POSITIONER ON BACK SIDE

MASS:
VALVE= ~ 20 kg
ACTUATOR= ~ 28 kg
TOTAL= ~ 48 kg

General tolerances

For main components:
- up to 500mm ± 25
- over 500mm ± 50

For installed equipments / instrument / tubing:
- all dim. ± 100

Cliente / Customer	ROSETTI MARINO S.P.A.
Ordine AST / AST job	CV2400221
Sigle / Tags	25-PV-055A
Matricole / Serials	2400595

Revision Description
MODIFIED PORT FOR TAG 25-PV-055B AS PER CUSTOMER COMMENTS

Drawn	ABD ELSALAM	Checked	PINI	Approval	PEREGO	Date	07-06-24

PROPERTY AND REPRODUCTION ARE SUBJECTED TO THE LAW

Scale | Mass kg | CR 00303 | NOTE:

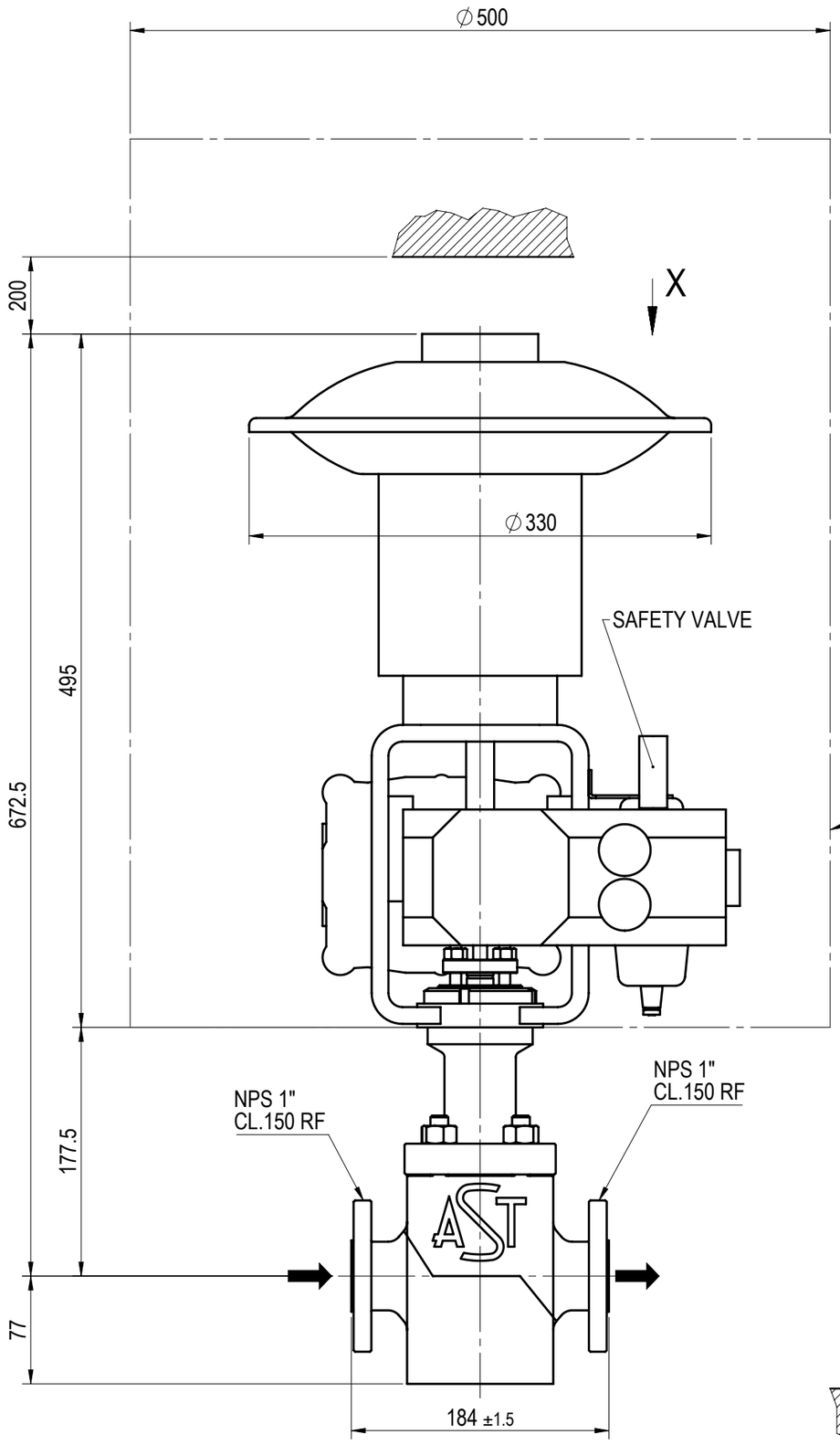
Description
CV-8407 OVERALL DIMENSION
NPS 1 1/2" PORT 1" CL.300 RF
WITH SOFT SEATING

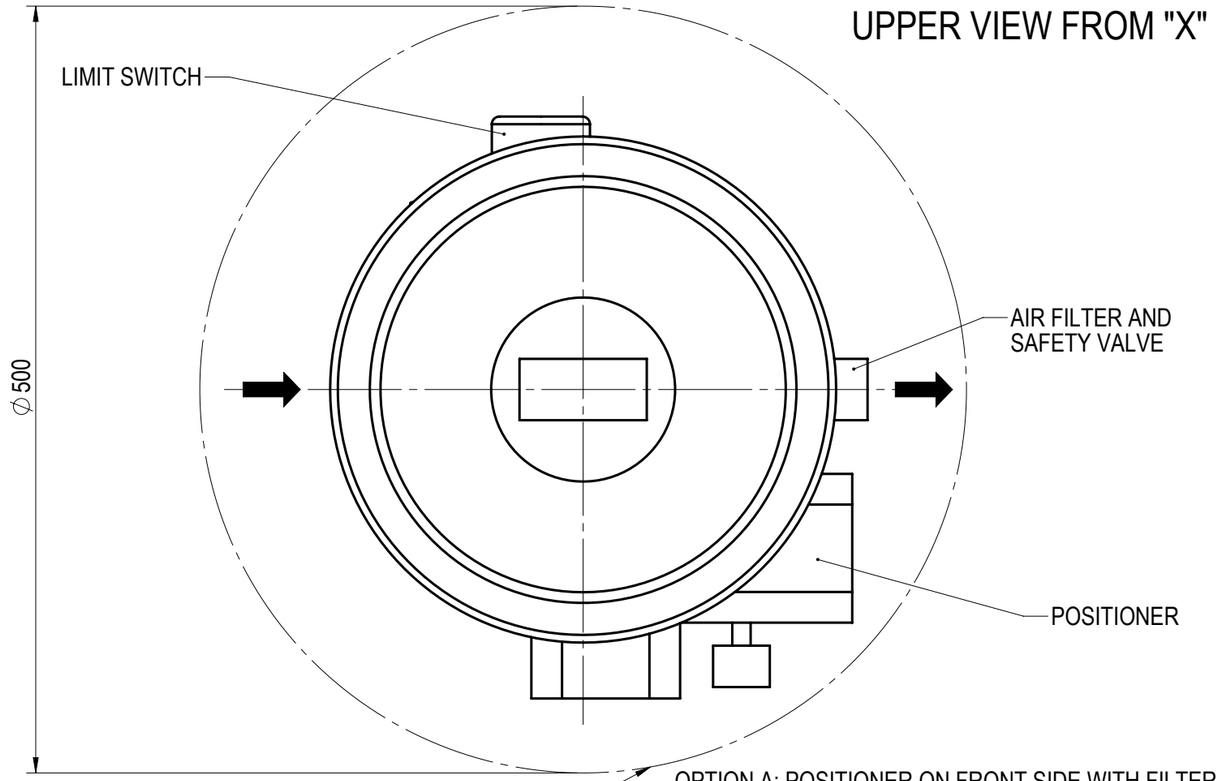
Dwg No
240221-0300OD

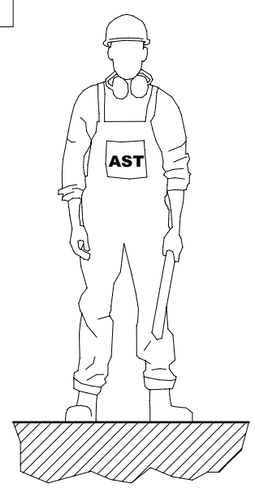
Rev. 2

Sheet 1 of 1

A3 - AST S.p.A. Via R. Merendi, 40 - 20010 Cornaredo (MI) - Tel.02 934848.1 - Control valve division







OPTION A: POSITIONER ON FRONT SIDE WITH FILTER ON RIGHT SIDE (AS REPRESENTED)

OPTION B: POSITIONER ON BACK SIDE WITH FILTER ON LEFT SIDE

TAG	SN	OPTION
64-PV-031A	2400597	A
64-PV-031B	2400598	B

MASS:
VALVE= ~ 20 kg
ACTUATOR= ~ 28 kg
TOTAL= ~ 48 kg

General tolerances

For main components:
- up to 500mm ± 25
- over 500mm ± 50

For installed equipments / instrument / tubing:
- all dim. ± 100

Cliente / Customer	ROSETTI MARINO S.P.A.
Ordine AST / AST job	CV2400221
Sigle / Tags	64-PV-031A, 64-PV-031B
Matricole / Serials	2400597, 2400598

Revision Description
ADDED ACCESSORIES AS PER CUSTOMER COMMENTS

Drawn	ABD ELSALAM	Checked	PINI	Approval	PEREGO	Date	29-05-24

PROPERTY AND REPRODUCTION ARE SUBJECTED TO THE LAW

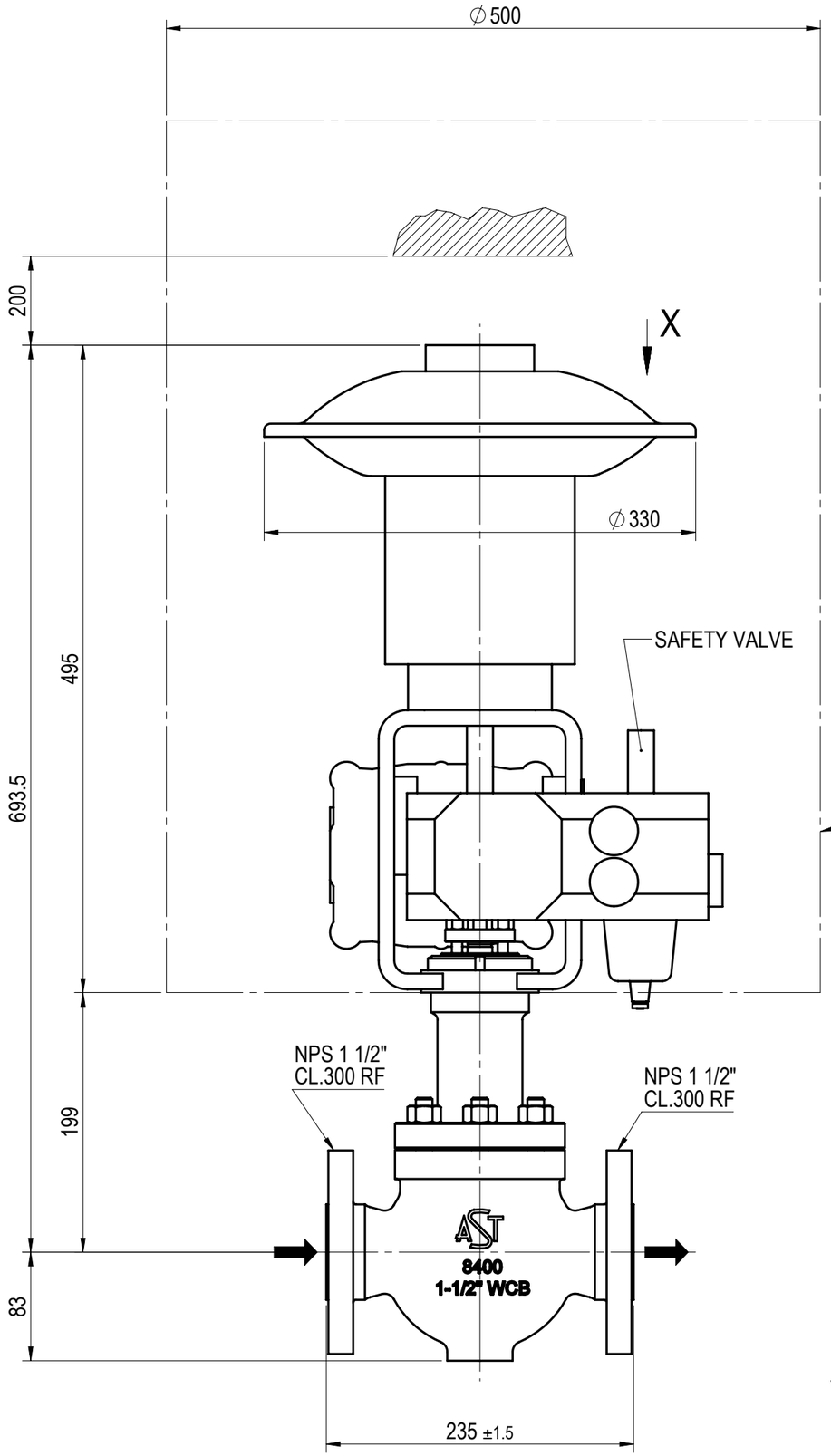
Scale | Mass kg | CR 00304 | NOTE:

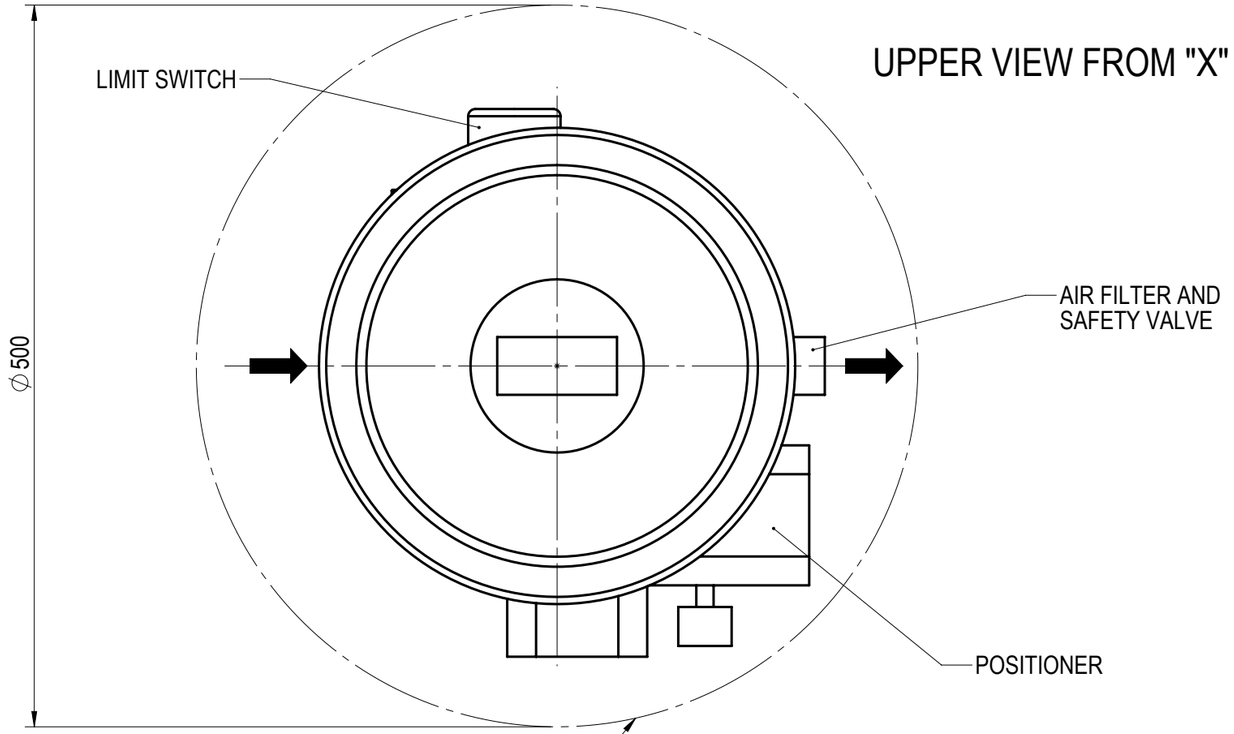
Description
CV-8407 OVERALL DIMENSION
NPS 1" PORT 3/8" CL. 150 RF

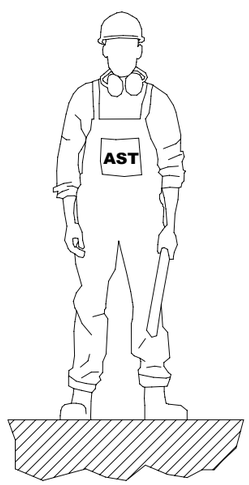
Dwg No
240221-0400OD

Rev. 2 | Sheet 1 of 1

A3 - AST S.p.A. Via R. Merendi, 40 - 20010 Cornaredo (Mi) - Tel.02 934848.1 - Control valve division







POSITIONER ON FRONT SIDE

MASS:
VALVE= ~ 20 kg
ACTUATOR= ~ 28 kg
TOTAL= ~ 48 kg

General tolerances

For main components:
- up to 500mm ± 25
- over 500mm ± 50

For installed equipments / instrument / tubing:
- all dim. ± 100

Cliente / Customer	ROSETTI MARINO S.P.A.
Ordine AST / AST job	CV2400221
Sigle / Tags	25-PV-055B
Matricole / Serials	2400596

Revision Description
ISSUED

Drawn	ABD ELSALAM	Checked	PINI	Approval	PEREGO	Date	07-06-24

PROPERTY AND REPRODUCTION ARE SUBJECTED TO THE LAW

Scale

Mass kg

CR 00303

NOTE:

Description
CV-8407 OVERALL DIMENSIONS
NPS 1 1/2" PORT 5/32" CL. 300
RF WITH SOFT SEATING

Dwg No
240221-0500OD

Rev. 0

Sheet 1 of 1

A3 - AST S.p.A. Via R. Merendi, 40 - 20010 Cornaredo (MI) - Tel.02 934848.1 - Control valve division