Base Load Power Hub (BLPH)

SDV/BDV AND TIGHT SHUT-OFF XV VALVES

VALVE,ACTUATOR AND ASSEMBLY GENERAL ARRANGEMENT DRAWING

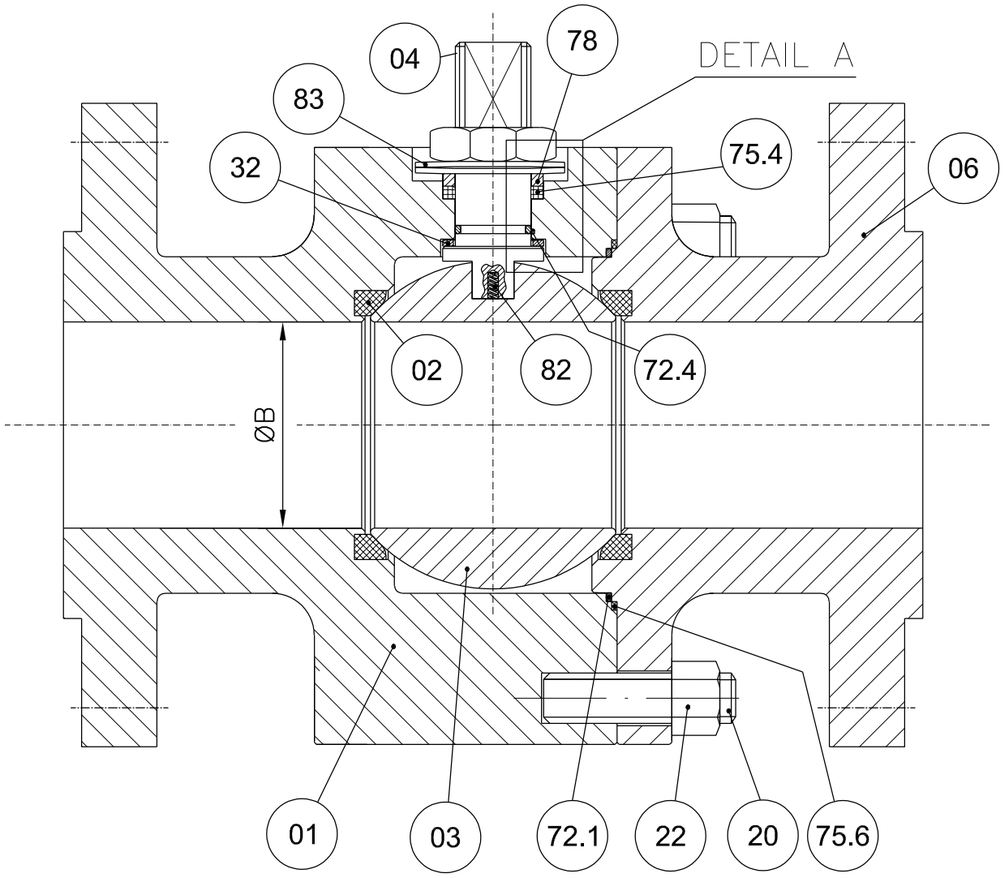
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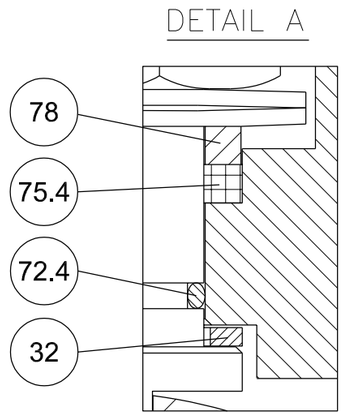
Document Class: 2

01	05/11/2024	Accepted for Construction (AFC)	S. Madahar	D. Barcella	L. Mora
00	15/10/2024	Issue for Review (IFR)	S. Madahar	D. Barcella	L. Mora
Rev.	Date	Description	Prepared	Reviewed	Approved

Fluitek Valves

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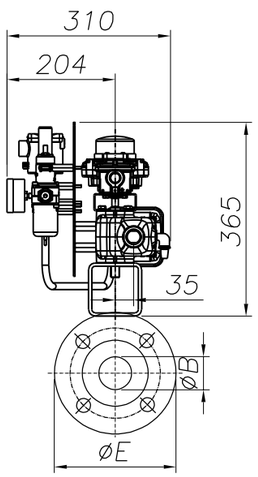


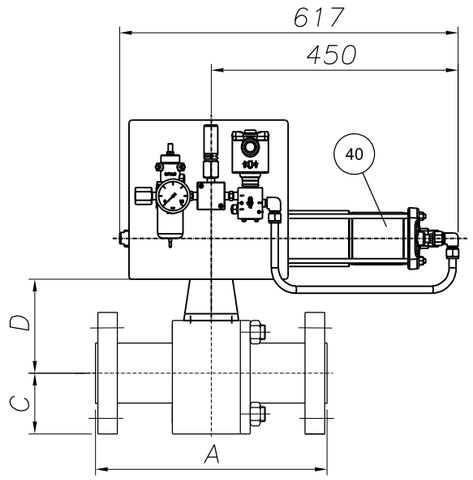


POS.	PART. NAME	MATERIAL
01	BODY	A182 F53
02	SEAT	RPTFE
03	BALL	A182 F53
04	STEM	A182 F53
06	CLOSURE	A182 F53
20	STUD	A193 B7+HDG (1)
22	NUT	A194 Gr.2H+HDG (1)
32	THRUST BEARING	RPTFE
40	PNEUMATIC ACTUATOR	MFR. STD.
72.1	FLANGE O-RING	VITON GLT/AED
72.4	STEM O-RING	VITON GLT/AED
75.4	STEM GASKET	GRAPHITE
75.6	FLANGE GASKET	GRAPHITE
78	PACKING RING	A479 Tp.316
82	ANTISTATIC DEVICE	INCONEL X750
83	BELLEVILLE WASHER	AISI 301

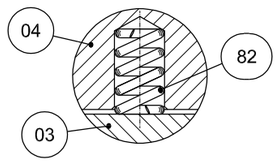
NOTE:

(1) HDG: Hot Dip Galvanised (ASTM A153)





ANTISTATIC DEVICE



REMARKS:

- Dimensions are in mm
- Design acc. to API 6D
- Face to face acc. to ASME B16.10/API 6D
- Flange connection acc. to ANSI B16.5
- Antistatic device acc. to API 6D

(*): To Be Confirmed

POS:	ITEM:	DATA SHEET:	TAG:	Q.TY:	SIZE:	CLASS:	ENDS:	A	ØB	C	D(*)	ØE	Valve Weight (kg):	Actuator Weight (kg):	Tot. Weight (kg):
01	340	BS01F01RF	50-XV-005	1	1-1/2"	150	RF	165	38	64	105	127	18	36	54

CUSTOMER :	ROSETTI MARINO S.P.A. CIG 9931200D7D
P.O. N. :	17240000204 23A90A
JOB N. :	240396

Rev.	DESCRIPTION	DRAWN	DATE	CHK'D	DATE	APPV'D	DATE
3							
2							
1							
0	FIRST ISSUE	S.Madahar	04/10/2024	D.Barcella	04/10/2024	L.Mora	04/10/2024

DRAWING NOT IN SCALE

Fluitek Valves

DRAWN: S.Madahar — DATE: 04/10/2024
CHK'D: D.Barcella — DATE: 04/10/2024
APPV'D: L.Mora — DATE: 04/10/2024

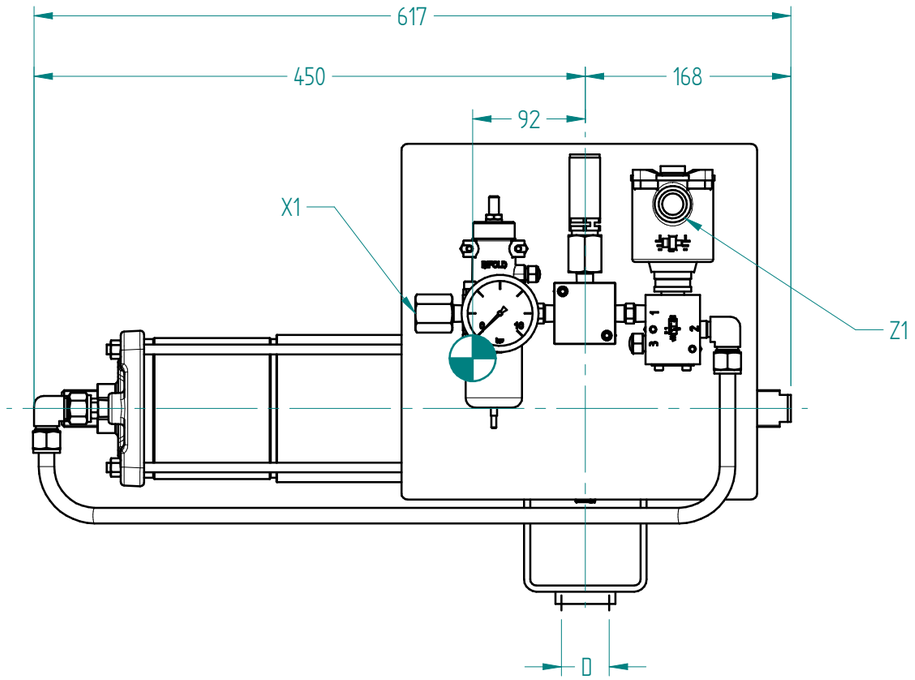
SIZE: A3 | SCALE: N.A.

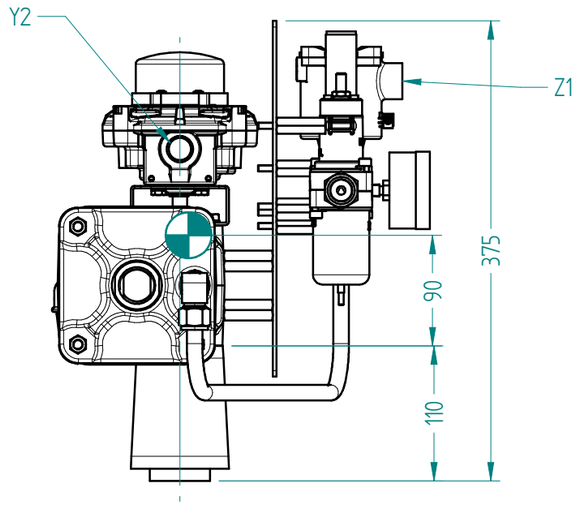
ALL RIGHTS OF THIS DRAWING ARE RESERVED.

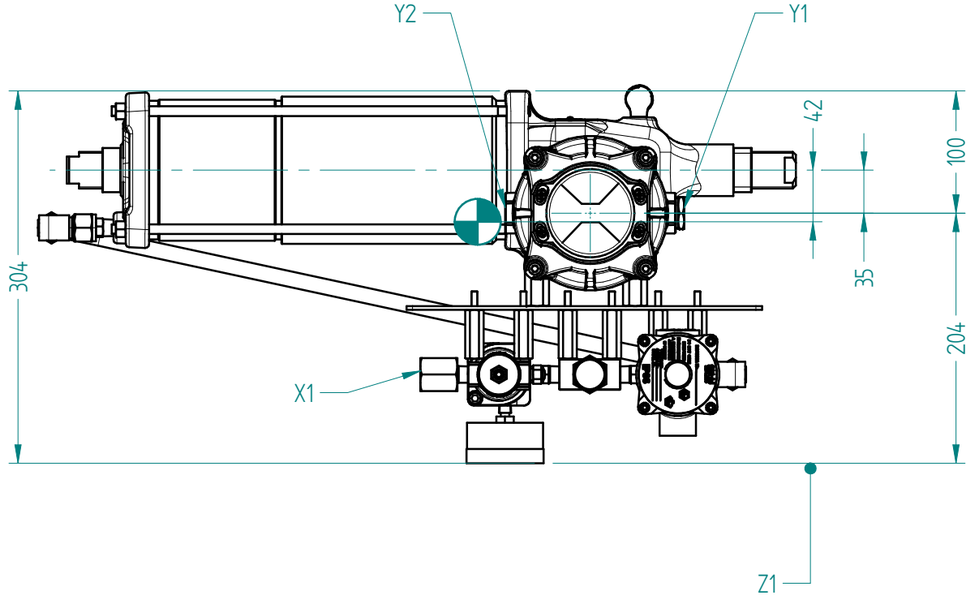
DESCRIPTION: **GENERAL ASSEMBLY DRAWING**

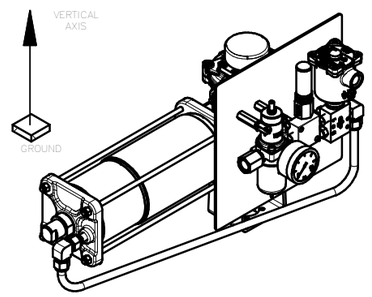
VALVE TYPE: **SPLIT BODY FLOATING BALL VALVE**

DRAWING NAME: **D240396-01** — Rev.: 0









ISOMETRIC VIEW
SCALE 1:10

RFS Item	Tag No.
1	50-XV-005

Connection	Description	Size
X1	PNEUMATIC CONNECTION TO CONTROL PANEL (INLET)	1/2" NPT (Female)
Y1 - Y2	LIMIT SWITCH BOX MICRO ELECTRIC CONNECTION	M20x1,5 (Female)
Z1	SOLENOID VALVE ELECTRIC CONNECTION	M20x1,5 (Female)

NOTES:
1. D = ACCORDING TO VALVE FLANGE.
2. DIMENSIONS MUST BE WITHIN +20% OF THE OVERALL DIMENSION DRAWING.
3. TUBING IS SHOWN FOR INFORMATION ONLY. ACTUAL TUBING ROUTING MAY BE DIFFERENT, BUT WITHIN THE OVERALL DIMENSIONS SHOWN IN THE DRAWING
4. LIFTING OF THE ACTUATOR SHALL BE DONE BY LIFTING POINTS OR BY SLINGS SUITABLY RATED FOR THE ACTUATOR DIMENSIONS AND WEIGHT. SLINGS OR LIFTING POINTS SHALL NOT BE USED TO LIFT THE VALVE/ACTUATOR ASSEMBLY.

Rev	ECN	Revised	Rev. Approved	Date	Change Description
0-0	ECO-0025937	S.Davini	L.Bernini	2024-10-25	First issue

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Document type: Assembly Drawing
Dimensions in mm
Scale 1:5

Created	S.Davini	2024-10-25
Checked	S.Davini	2024-10-25
Approved	L.Bernini	2024-10-25

Title
SINGLE ACTING PNEUMATIC ACTUATOR
CP/S-035-100A/BA - F.O.

Drawing Number AF7888OCPA01
Rev 0-0
Nominal Mass 32 kg
Size A3
Sheet 1 of 1

Template issue : 24/02/2020-SR