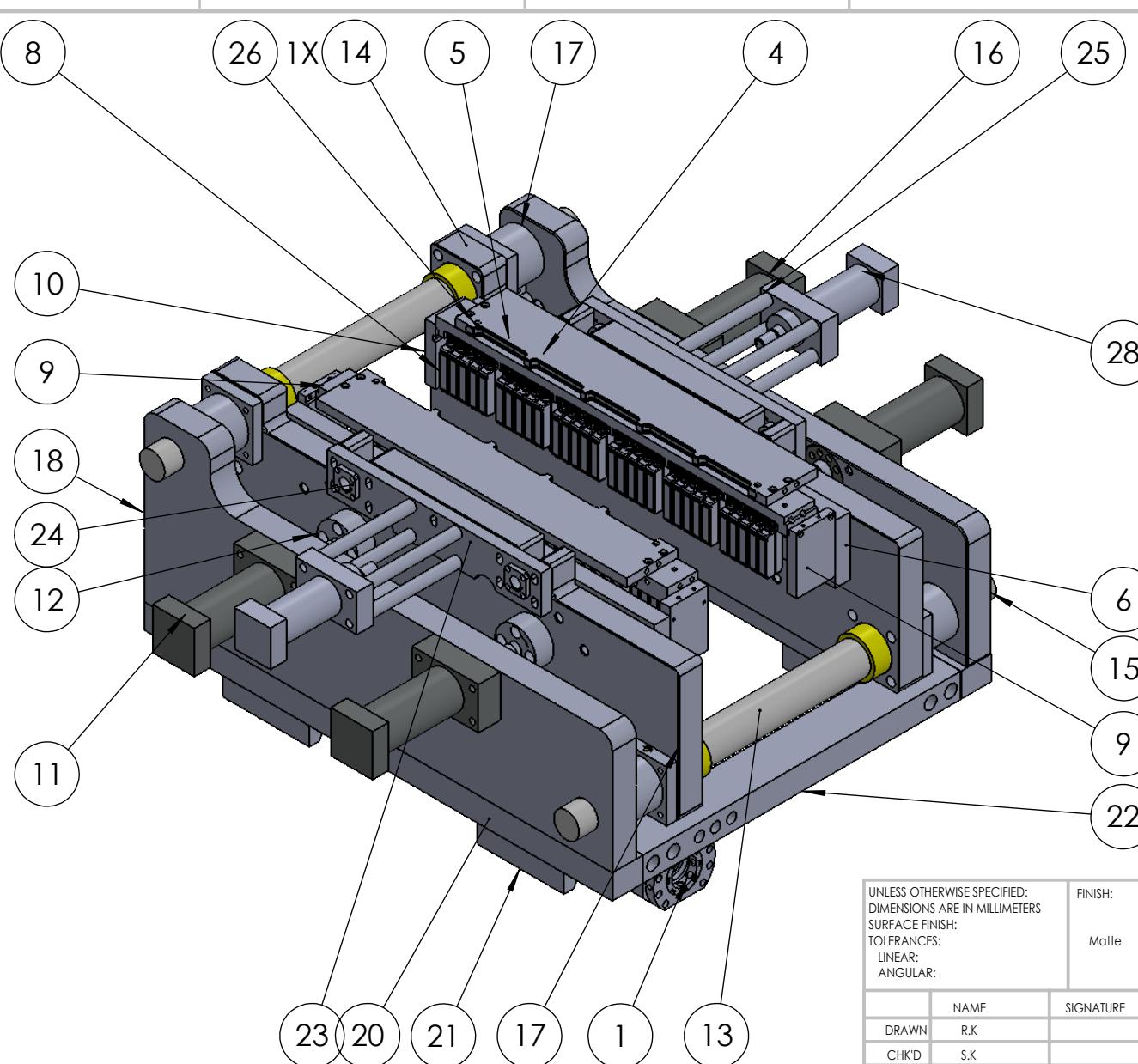


6 5 4 3 2 1



ITEM NO.	PART NUMBER	QTY.
1	50-50-K4 NUT	2
4	Parigen Plate	2
5	Parigen Plate insert	2
6	Mold Back Plate	2
9	Mold Side Plate	2
13	Shaft	2
14	Pattern Plate	1
15	Side Plate	1
16	Main mold cylinder	4
17	SSbush	4
20	Base Plate	1
21	HGH45HA Block	4
22	Base Plate Joint	1
23	Sealing cylinder Mounting Plate	2
24	LMK 20 UU	4
25	sealing hanging rod	8
26	rackpinion	1
27	ball bearing 6205)	1
28	sealing Cylinder	2

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

DRAWN	NAME	SIGNATURE	DATE
CHK'D	R.K		
APP'D	S.K		
QA	R.P		
	A.K		

MATERIAL:
AllPlates - SS304, MOLD- AB2,Hyd cylinder-Alloy Steel , Bush - GunMatel, Shaft-hard chrome plated en31

WEIGHT: ERROR!::WeightERROR!::Weight

DO NOT SCALE DRAWING

REVISION R-2

BVM ENGINEERING INDUSTRIES

CARRIAGE ASSEMBLY

DWG NO.

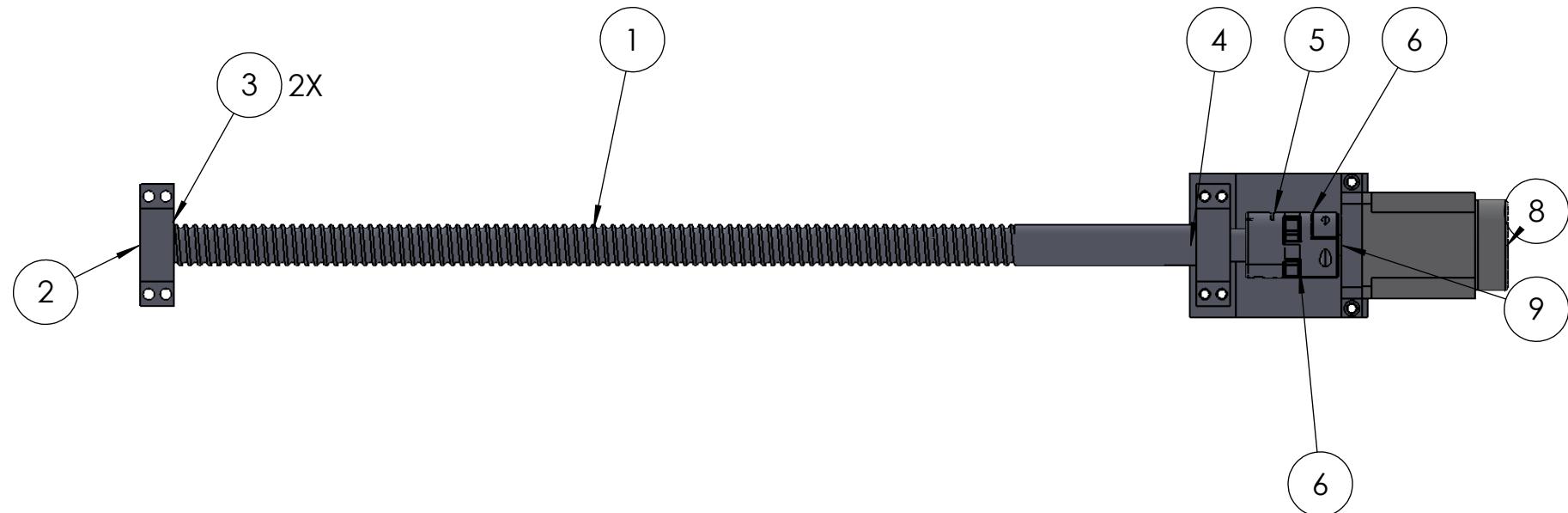
FSDS-XX/XX

A4

SHEET 3 OF 11

6 5 4 3 2 1

6 5 4 3 2 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Ball screw50x50-k4		1
2	bearing block		2
3	ball bearing 6208		4
4	Bearing bottom plate		1
5	COUPLING-L150		1
6	Spider-L-150		1
8	SERVO MOTOR-1		1
9	Motor mounting Plate		1

D D
C C
B B
A A

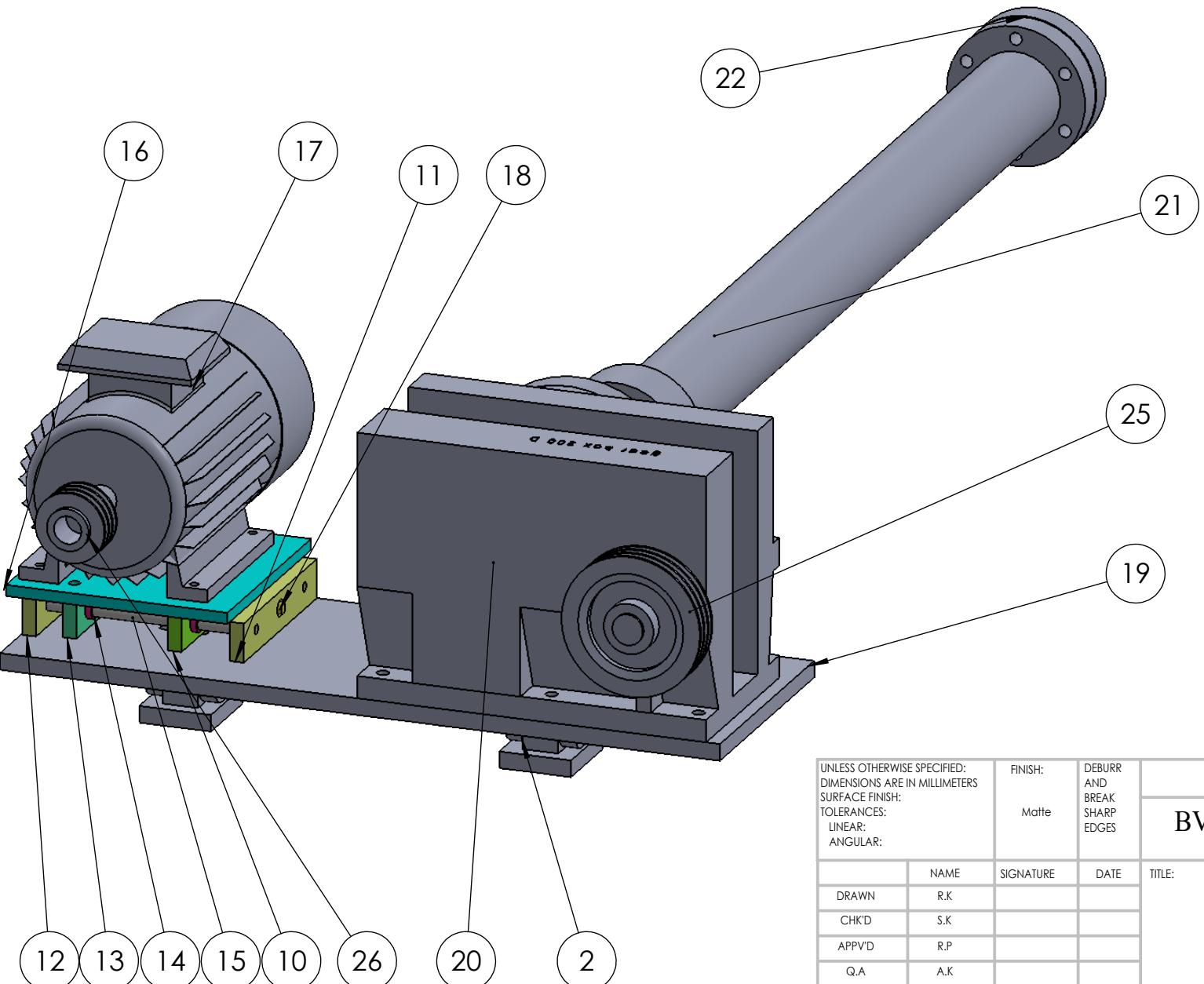
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

NAME	SIGNATURE	DATE	TITLE:
DRAWN R.K			DO NOT SCALE DRAWING
CHK'D S.K			REVISION R-2
APPVD R.P			BVM ENGINEERING INDUSTRIES
Q.A A.K			Servo Assembly

MATERIAL:
AlPlates - SS304, MOLD- AB2, Hyd cylinder-
Alloy Steel , Bush - GunMatel, Shaft- hard
chrome plated en31

DWG NO. FSDS-XX/XX A4

SCALE:1:20 SHEET 4 OF 11



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

DRAWN R.K

CHK'D S.K

APPV'D R.P

Q.A A.K

MATERIAL:

All Plates - SS304,, MOLD- AB2, Hyd cylinder-
Alloy Steel , Bush - GunMatel, Shaft- hard
chrome plated en31

FINISH:

Matte

DEBURR
AND
BREAK
SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

R-2

BVM ENGINEERING INDUSTRIES

Gearbox Assembly

DWG NO.

FSDS-XX/XX

A4

SCALE:1:20

SHEET 5 OF 11

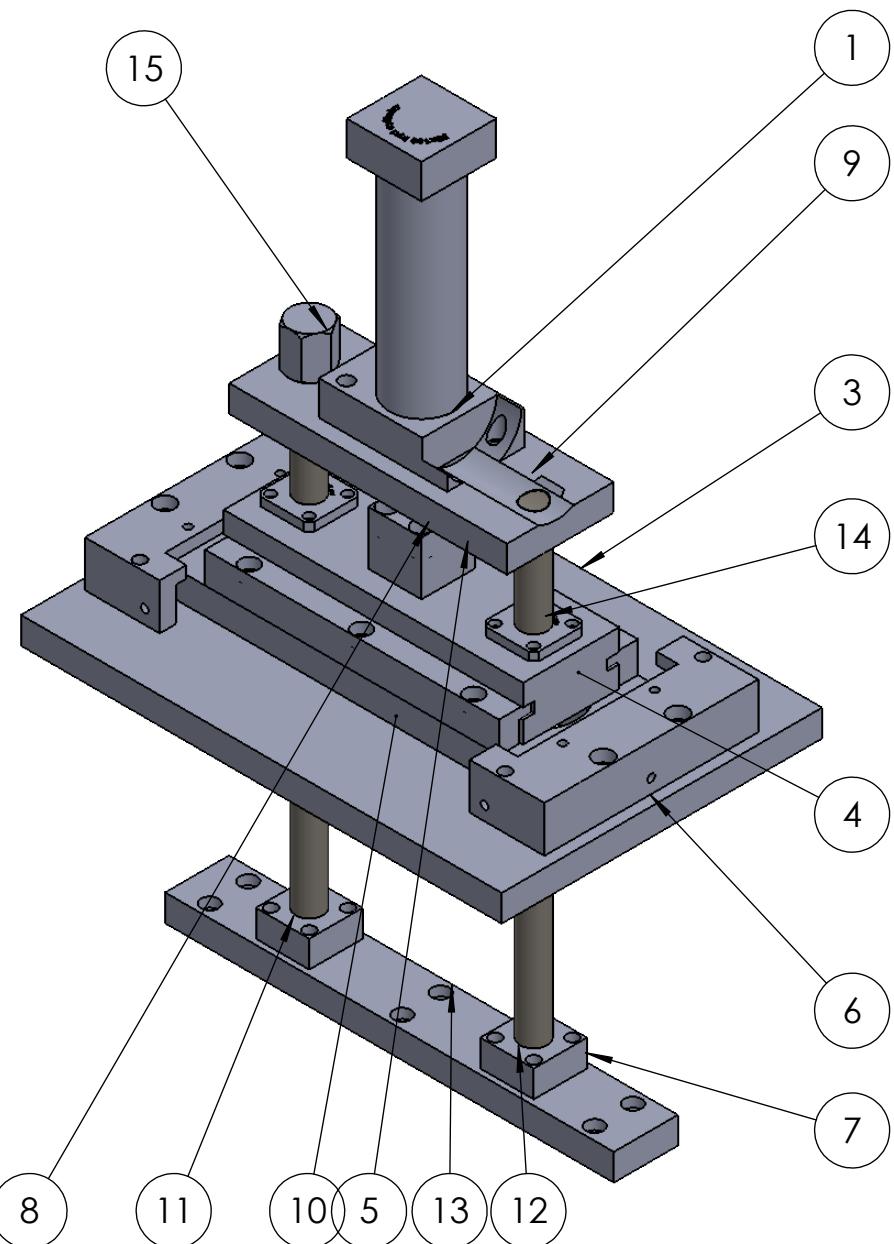
6 5 4 3 2 1

D D

C C

B B

A A



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Hyd Cyl 50x130		1
3	645X450X25MM10 ml-1		1
4	Bearing Block		2
6	C CLAMP 10 ml-1		2
7	mandrel Mounting Block		2
8	Cyl. Mounting Block		1
9	Cyl. mounting Plate		1
10	Unit Base Plate		1
11	Tie Rod		1
13	mounting Plate		1
14	LMK 25 UU		2
15	HEX NUT		1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

DRAWN	NAME	SIGNATURE	DATE
CHK'D	S.K		
APP'D	R.P		
Q.A	A.K		

MATERIAL:
AllPlates - SS304, Tie Rod- hard crome en31,
Hyd cylinder- Alloy Steel , Bush - LMK 25UU,

DO NOT SCALE DRAWING

REVISION R-2

BVM ENGINEERING INDUSTRIES

FILLING HEAD
ASSEMBLY

FSDS-XX/XX

A4

DWG NO.

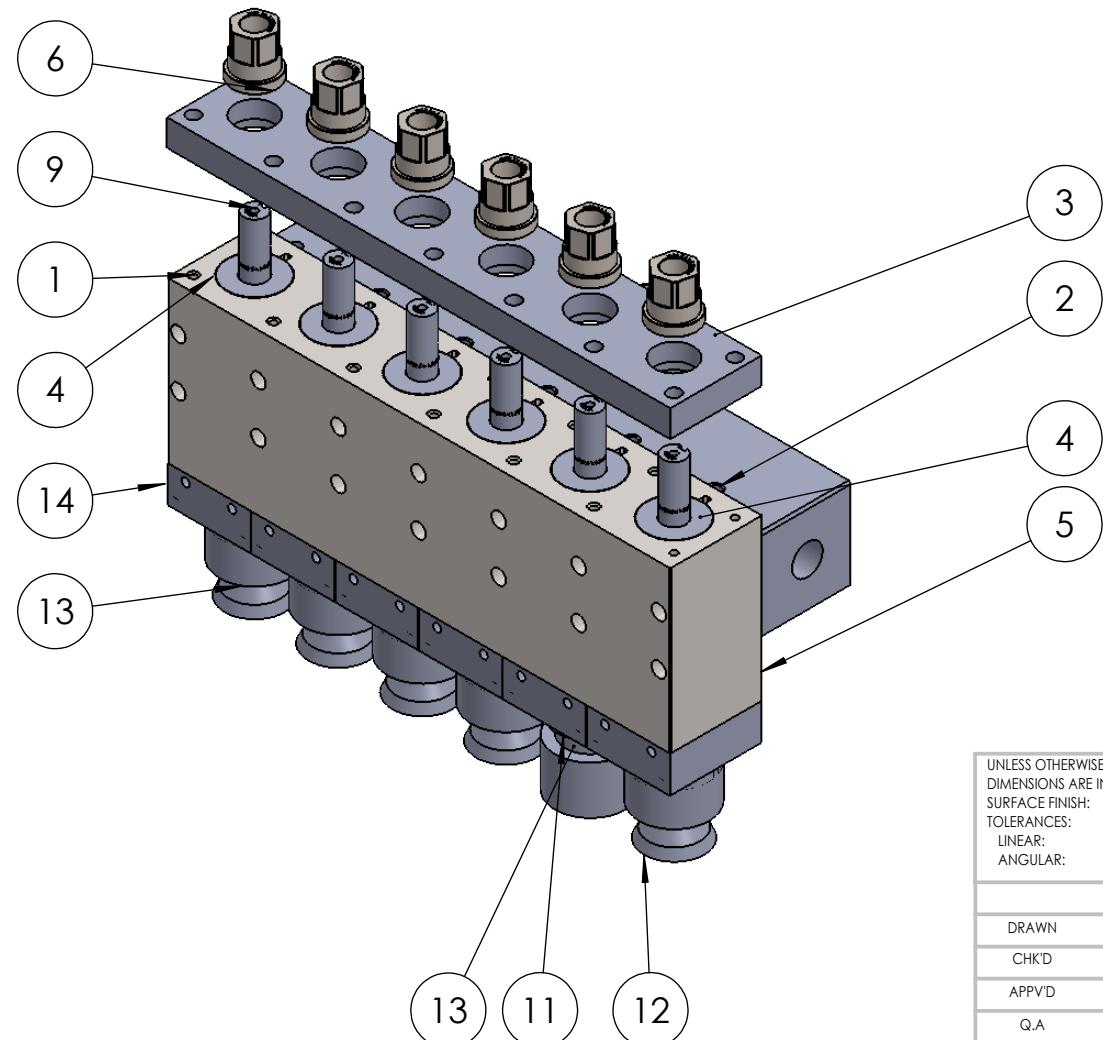
SCALE:1:20

SHEET 6 OF 11

6 5 4 3 2 1

6 5 4 3 2 1

D



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Main Block		1
2	Devide Block		1
3	Top Plate		1
4	Top insert		6
5	Bottom Block		6
6	Hex nut		6
9	carpuem rod		6
10	adjustment Sleeve		6
11	Checknut		6
12	Punch		6
13	Cup		6
14	Parigen Adjustment Block		6

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

	NAME	SIGNATURE	DATE
DRAWN	R.K		
CHK'D	S.K		
APPV'D	R.P		
Q.A	A.K		

TITLE:

BVM ENGINEERING INDUSTRIES

Gearbox Assembly

DWG NO.

FSDS-XX/XX

A4

SCALE:1:20

SHEET 7 OF 11

6 5 4 3 2 1

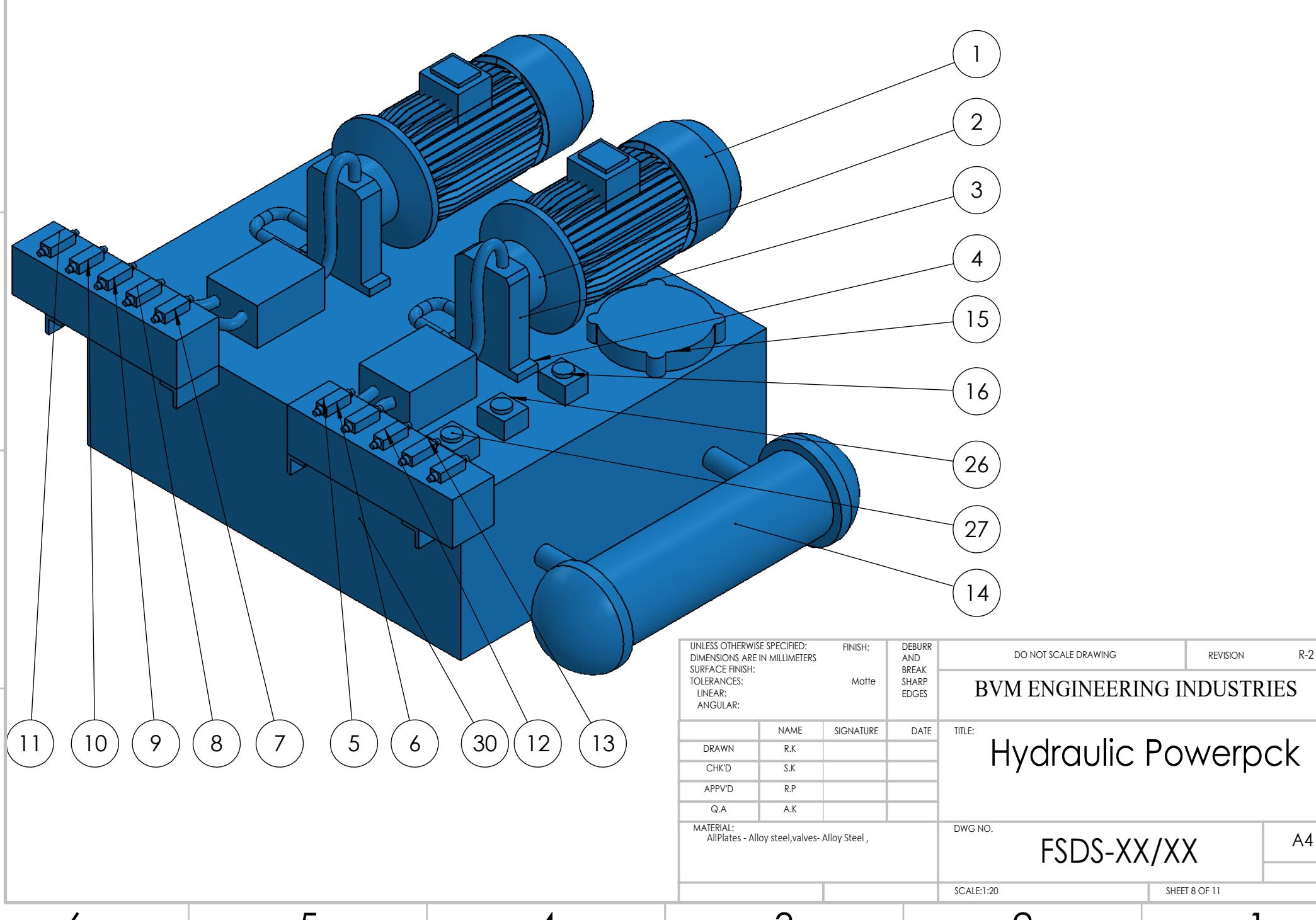
A

D

C

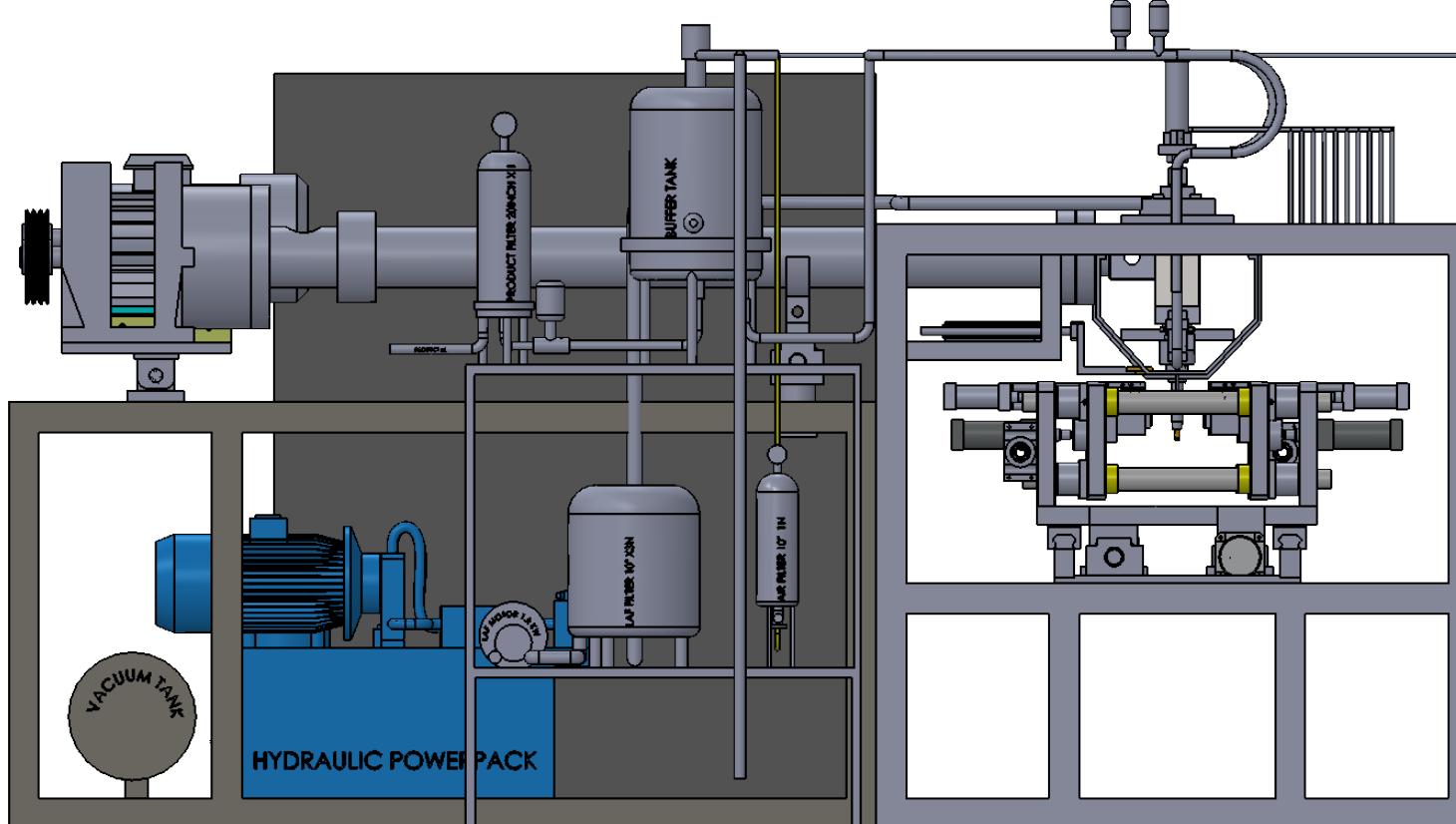
B

A



6 5 4 3 2 1

D



C

B

A

D

C

B

A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:
DEBURR
AND
BREAK
SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

R-2

BVM ENGINEERING INDUSTRIES

DRAWN	NAME	SIGNATURE	DATE
CHK'D	S.K		
APP'D	R.P		
Q.A	A.K		

MATERIAL:
AllPlates - SS304,,MOLD-AB2,Hyd cylinder-
Alloy Steel , Bush - GunMatel, Shaft- hard
chrome plated en31

DWG NO.

FSDS-XX/XX

A4

SCALE:1:20

SHEET 9 OF 11

1

6

5

4

3

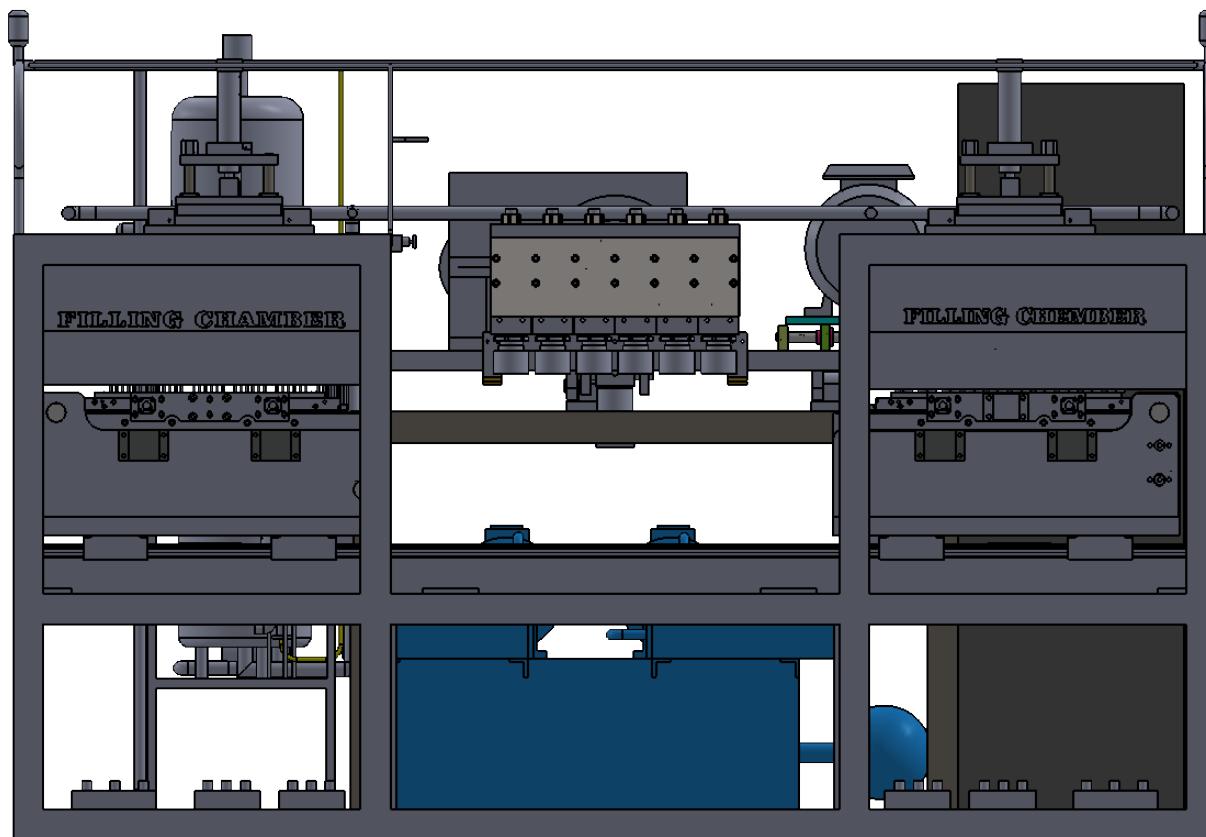
2

1

side view

6 5 4 3 2 1

D



C

B

A

D

C

B

A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:
Matte

DEBURR
AND
BREAK
SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

R-2

BVM ENGINEERING INDUSTRIES

	NAME	SIGNATURE	DATE
DRAWN	R.K		
CHK'D	S.K		
APPV'D	R.P		
Q.A	A.K		

MATERIAL:

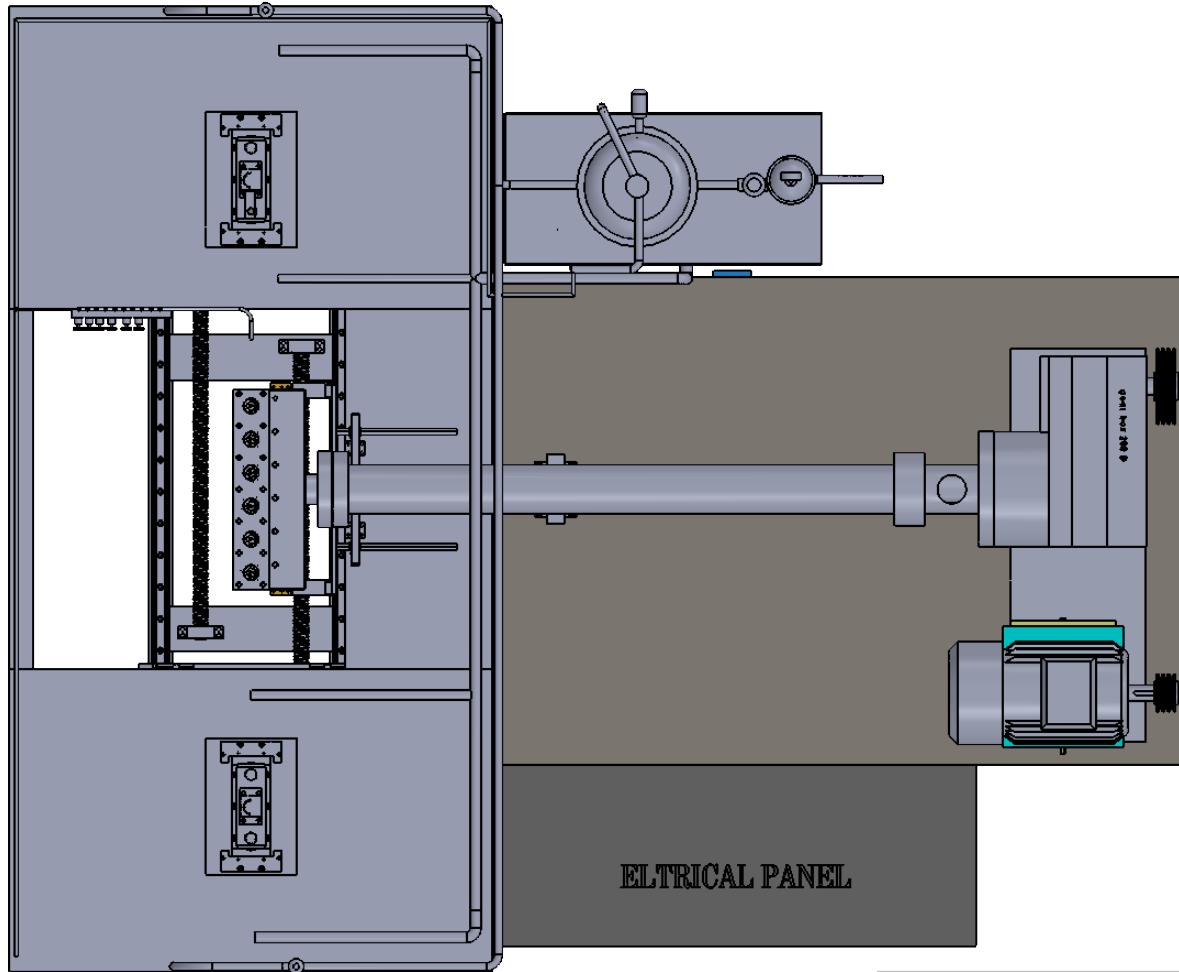
DWG NO.
FSDS-XX/XX
A4

SCALE:1:20
SHEET 10 OF 11

Front View

6 5 4 3 2 1

6 5 4 3 2 1



D

D

C

C

B

B

A

A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR
AND
BREAK
SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

R-2

BVM ENGINEERING INDUSTRIES

DRAWN	NAME	SIGNATURE	DATE
CHK'D	S.K		
APP'D	R.P		
Q.A	A.K		

TITLE:

Top View

MATERIAL:
AllPlates - SS304, MOLD- AB2, Hyd cylinder-
Alloy Steel , Bush - GunMatel, Shaft- hard
chrome plated en31

DWG NO.

FSDS-XX/XX

A4

SCALE:1:20

SHEET 11 OF 11

6 5 4 3 2 1