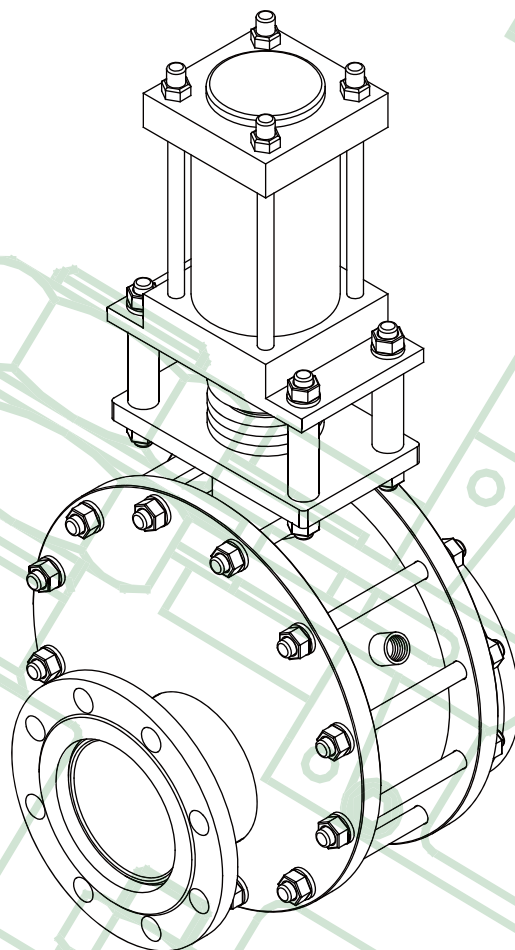
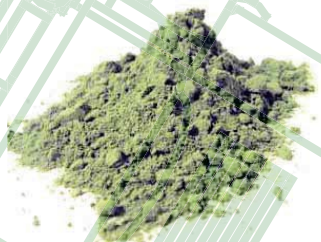




Self Lapping Disc Valve

DGV Series



dongjooAP

Self Lapping Disc Valve

DGV Series

Applications :

Dust, powder and/or granular products in coal-fired power plants, smelters, iron & steel plants, pharmaceutical, chemical industries.

Performance Characteristics :

Size	2"~ 12" (50 mm ~ 300 mm)
Class	JIS10K, JIS20K, ANSI150, ANSI300
Operation	Pneumatic / Electrical / Hand Wheel / Gear box
Face to Face	As per manufacturers standard
End Details	DIN / ANSI / JIS / BS
Valve Design	ASME 16.34
Ends	Flanged End (RF, FF)
Operating Temp.	< 200 °C or < 600 °C.



Parts list :

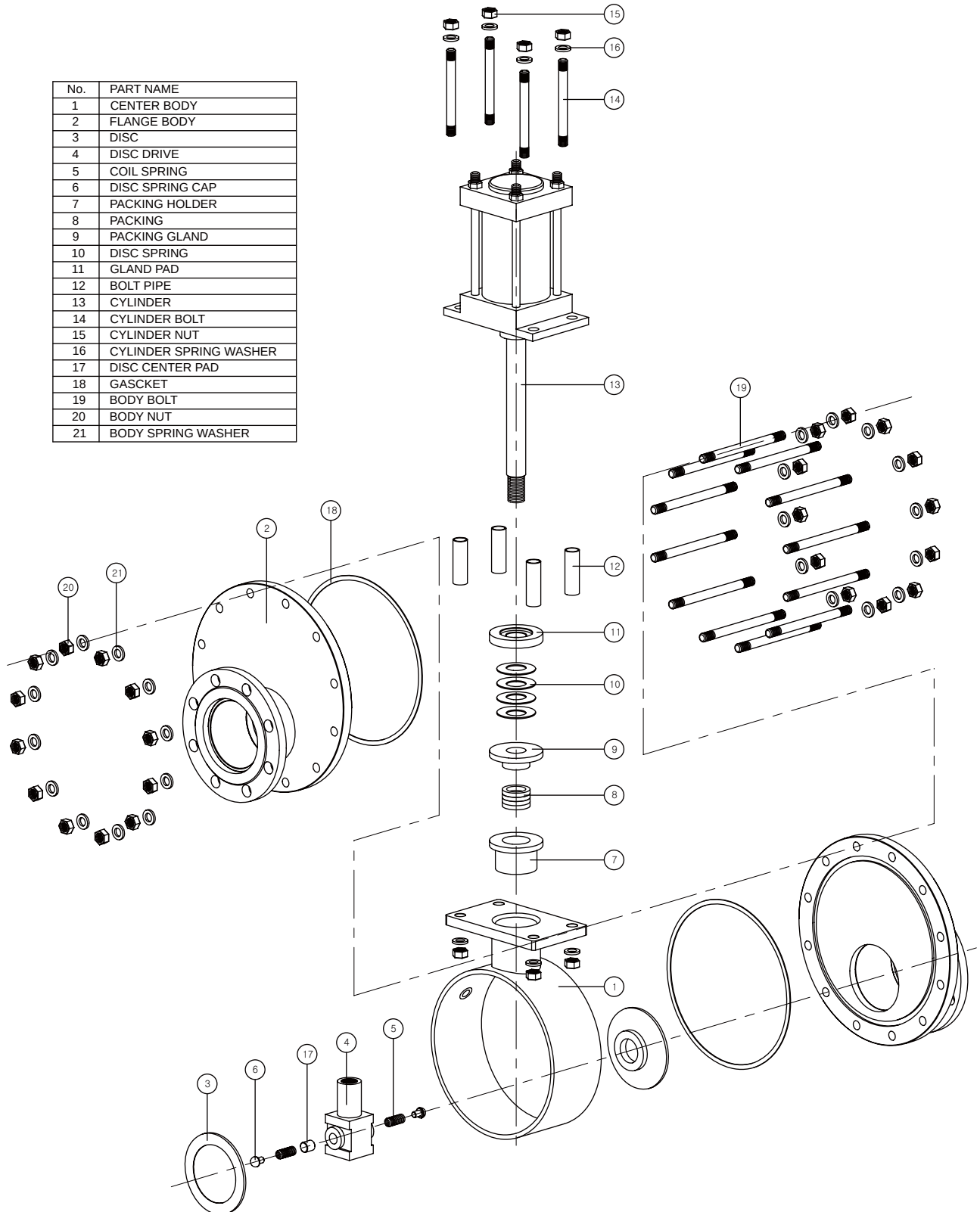
No.	Part Name	Material
1	CENTER BODY	CARBON STEEL / STAINLESS STEEL / ALLOY
2	FLANGE BODY	CARBON STEEL / STAINLESS STEEL / ALLOY
3	DISC	CARBON STEEL / STAINLESS STEEL / ALLOY
4	DISC DRIVE	CARBON STEEL / STAINLESS STEEL / ALLOY
5	COIL SPRING	SPRING STEEL / STAINLESS STEEL / INCONEL
6	DISC SPRING CAP	CARBON STEEL / STAINLESS STEEL
7	PACKING HOLDER	CARBON STEEL / STAINLESS STEEL
8	PACKING	TEFLON / GRAPHITE
9	PACKING GLAND	CARBON STEEL / STAINLESS STEEL
10	DISC SPRING	CARBON STEEL / STAINLESS STEEL
11	GLAND PAD	CARBON STEEL / STAINLESS STEEL
12	BOLT PIPE	CARBON STEEL
13	CYLINDER	CARBON STEEL / STAINLESS STEEL
14	CYLINDER BOLT	CARBON STEEL / STAINLESS STEEL
15	CYLINDER NUT	CARBON STEEL / STAINLESS STEEL
16	DISC CENTER PAD	CARBON STEEL / STAINLESS STEEL
17	GASCKET	NON-ASBESTOS

Self Lapping Disc Valve

DGV Series

Assembly Drawing :

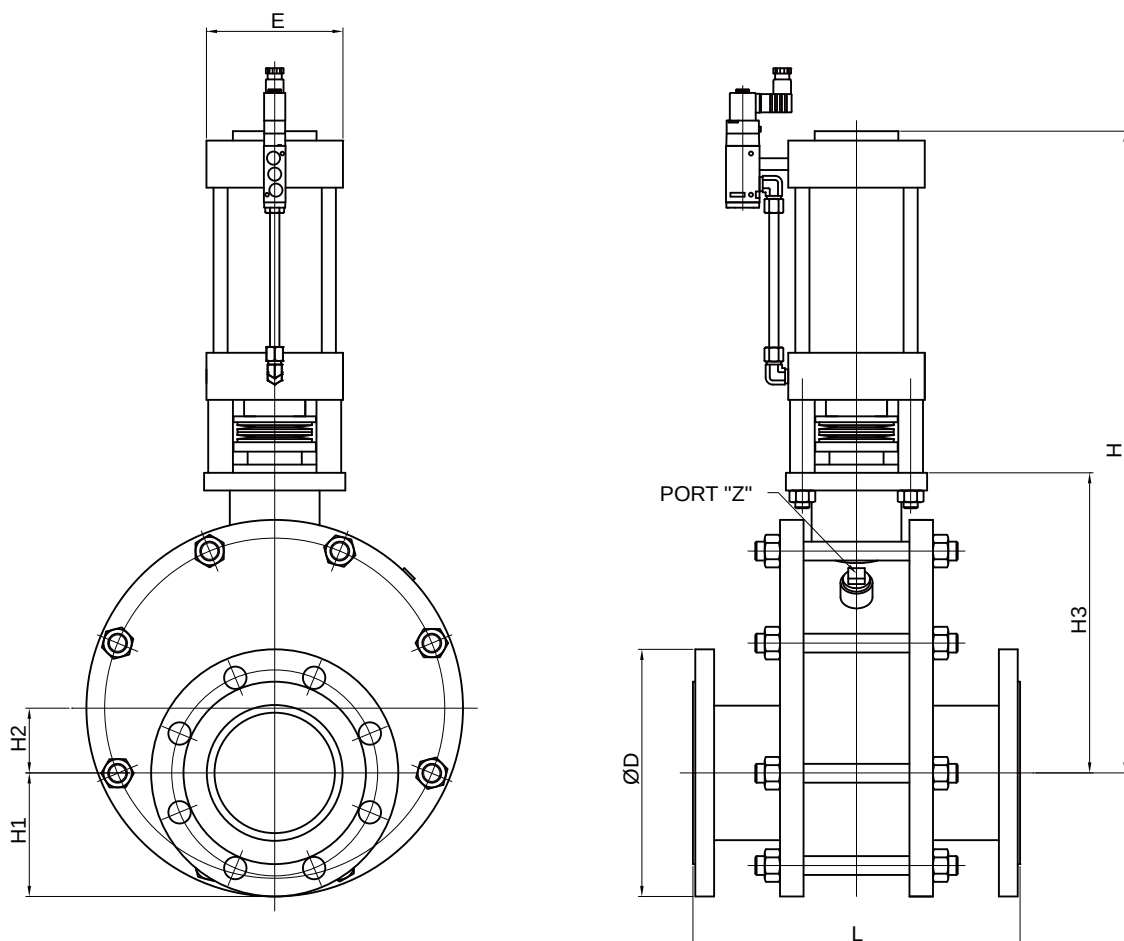
No.	PART NAME
1	CENTER BODY
2	FLANGE BODY
3	DISC
4	DISC DRIVE
5	COIL SPRING
6	DISC SPRING CAP
7	PACKING HOLDER
8	PACKING
9	PACKING GLAND
10	DISC SPRING
11	GLAND PAD
12	BOLT PIPE
13	CYLINDER
14	CYLINDER BOLT
15	CYLINDER NUT
16	CYLINDER SPRING WASHER
17	DISC CENTER PAD
18	GASKET
19	BODY BOLT
20	BODY NUT
21	BODY SPRING WASHER



Self Lapping Disc Valve

DGV Series

Dimensions :

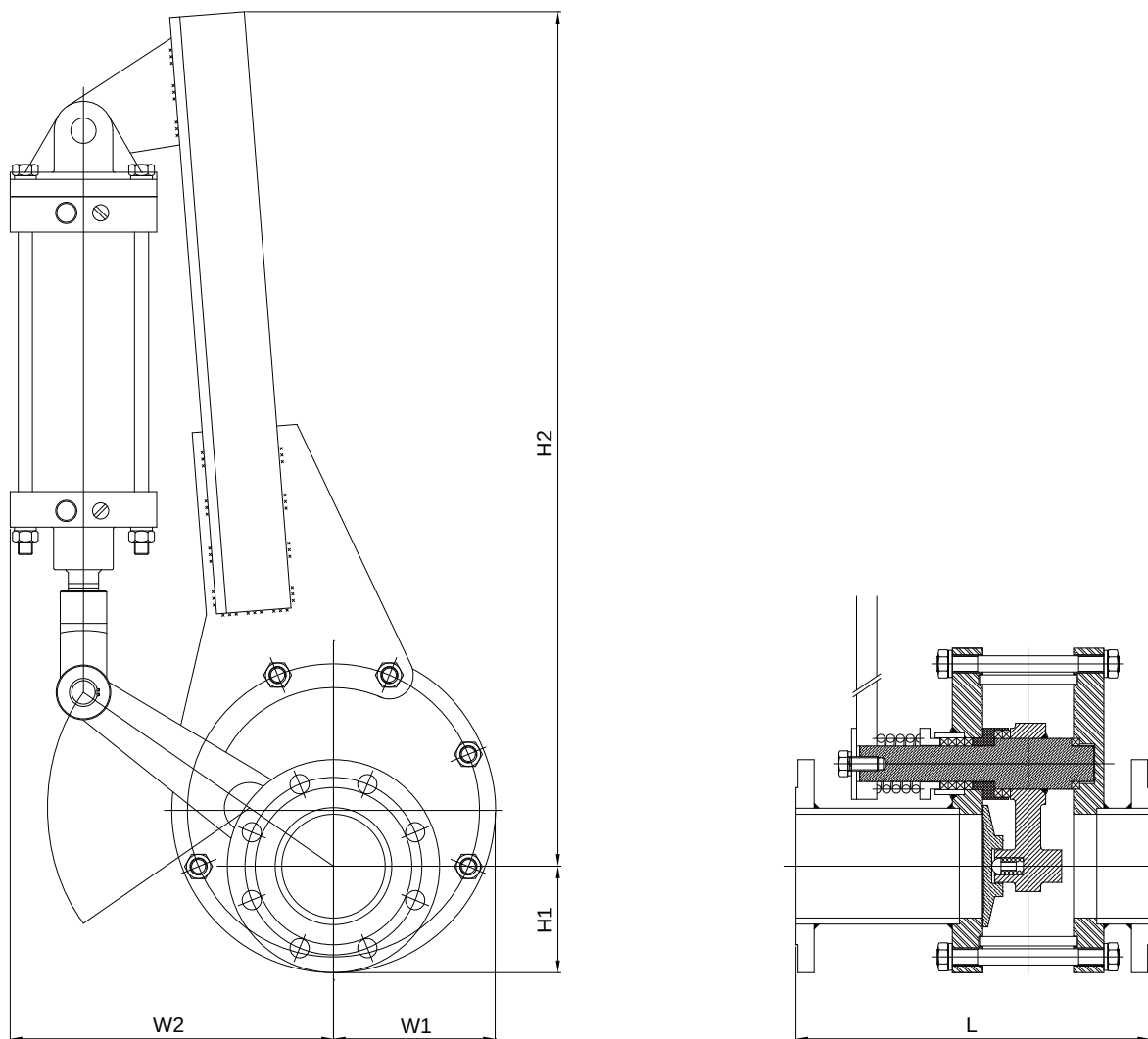


Size	L	ØD	H1	H2	H3	H	E	Port Z
1" (25A)	180	125	62.5	15	145	410	70	1/2
2" (50A)	203	155	77.5	29	195	453	102	1/2
2.5" (65A)	241	175	87.5	44	220	478	116	1/2
3" (80A)	260	185	92.5	44	243	478	116	1/2
4" (100A)	278	210	105	57	280	582	116	1/2
5" (125A)	356	250	125	71	320	633	145	1/2
6" (150A)	394	280	140	83	357	730	145	1/2
8" (200A)	400	330	165	111	455	922	170	3/4
10" (250A)	400	400	200	140	540	1034	226	3/4
12" (300A)	400	445	225	165	650	1205	226	1

Self Lapping Disc Valve

DGV Series (swing type)

Dimensions :

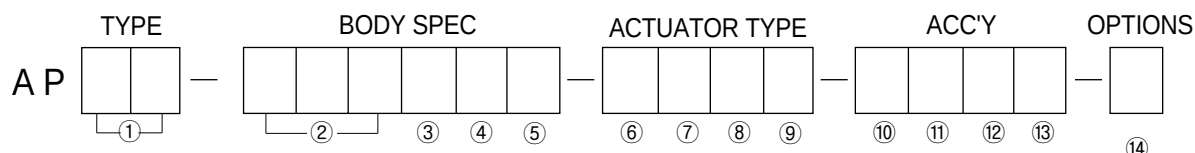


Size	L	H1	H2	W1	W2
1" (25A)	300	81	481	69	269
1 1/2" (40 A)	313	119	531	94	294
2" (50A)	313	119	531	94	294
3" (80A)	369	269	631	119	631
4" (100A)	400	281	681	144	719
6" (150A)	413	269	1106	188	594
8" (200A)	513	419	1581	231	844

Self Lapping Disc Valve

DGV Series

Ordering Information :



① Valve Type

DD	DISC GATE (DOUBLE)
DS	DISC GATE (SINGLE)
WD	SWING (DOUBLE)
WS	SWING (SINGLE)

② Size

SIZE (mm)

③ Body Mat'l

C	A395
D	A216-WCB
E	A351-CF8
F	A351-CF8M
K	A351-CF3M
L	HASTELLOY B or C
M	MONEL
N	INCONEL
X	SPECIAL

④ Connection

1	RF
2	FF
X	SPECIAL

⑤ Rating

1	JIS 10K
2	JIS 20K
3	JIS 30K
4	ANSI 150#
5	ANSI 300#
6	ANSI 600#
7	DIN10
8	DIN16
9	DIN 25
X	SPECIAL

⑥ Operating

G	GEAR
P	PISTON
H	HYDRAULIC
E	ELECTRIC
X	SPECIAL
O	NONE

⑦ Manual H/Wheel

1	LEVER TYPE
2	SIDE HANDWHEEL
3	DECLUTCHABLE
X	SPECIAL
O	NONE

⑧ Fail Position

1	LAST
2	CLOSE
3	OPEN

⑨ Action Type

1	ON-OFF
2	CONTROL
3	2-STAGE ACTION
X	SPECIAL

⑩ Air Set

1	FILTER + REGULATOR
2	F + R + LUBRICATOR
3	F + R (LOW TEMP)
X	SPECIAL
O	NONE

(ELECTRIC)

5	1PH
6	3PH

⑪ Solenoid

1	3WAY (STANDARD)
2	4WAY (STANDARD)
3	3WAY (DOUBLE COIL)
4	4WAY (DOUBLE COIL)
X	SPECIAL
O	NONE

(ELECTRIC)

6	110V/60Hz
7	220V/60Hz
8	380V/60Hz
9	440V/60Hz

⑫ Limit s/w

3	PROXIMITY SENSORS
6	LEVER TYPE
X	SPECIAL
O	NONE

⑬ Enclosure

1	WEA-PROOF
2	EX-PROOF

⑭ Options

(Surface Coating)

1	TUNGSTEN CARBIDE
2	NICKEL CHROME
X	SPECIAL

The specifications are subject to change without notice. Please consult us for the latest specifications.



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