



# D201A

MODEL: D201A

## High Performance Butterfly Valve

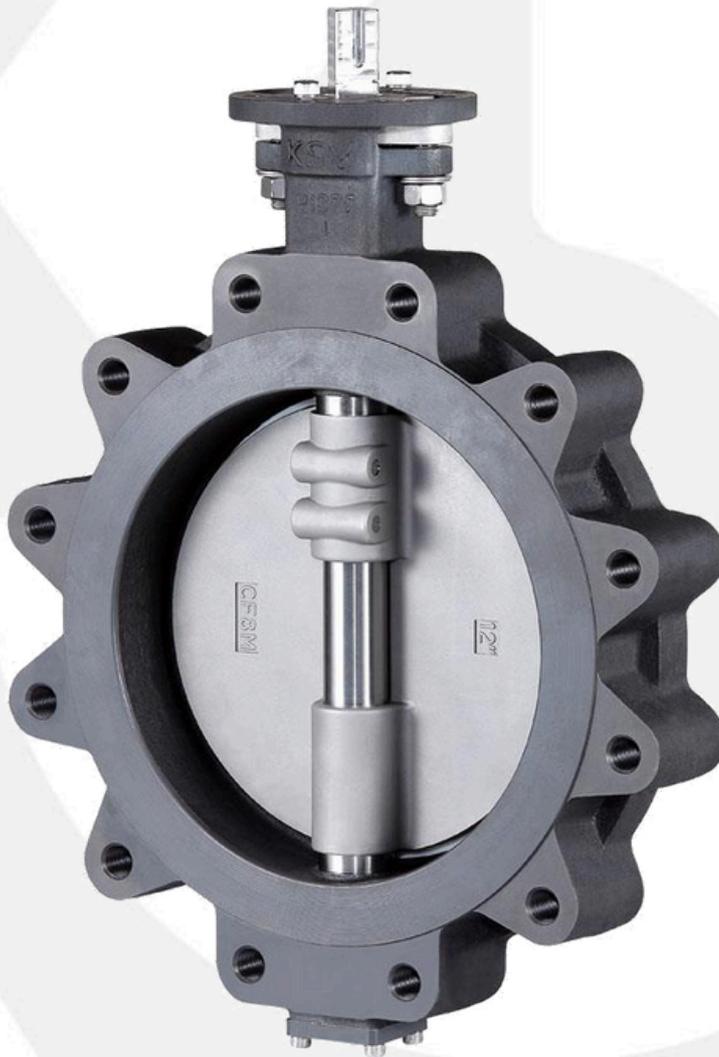
Double Offset Lug Type Class 150

### PRODUCT FEATURES

- Fully Compliant with API 609 and ASME B16.34
- Rated at full ASME operating pressure for bi-directional dead-end service with no downstream flange
- Large diameter 17-4PH stainless shafts provide API 609 shaft strength safety factors
- Carbon Steel and Stainless Steel are available
- Manufacture & Tested to API 598

### SPECIFICATION

- Pressure Rating:
- For CF8M, Class 150 at 275 PSI WOG
  - For WCB, Class 150 at 285 PSI WOG
  - Size Available: 2" to 12"

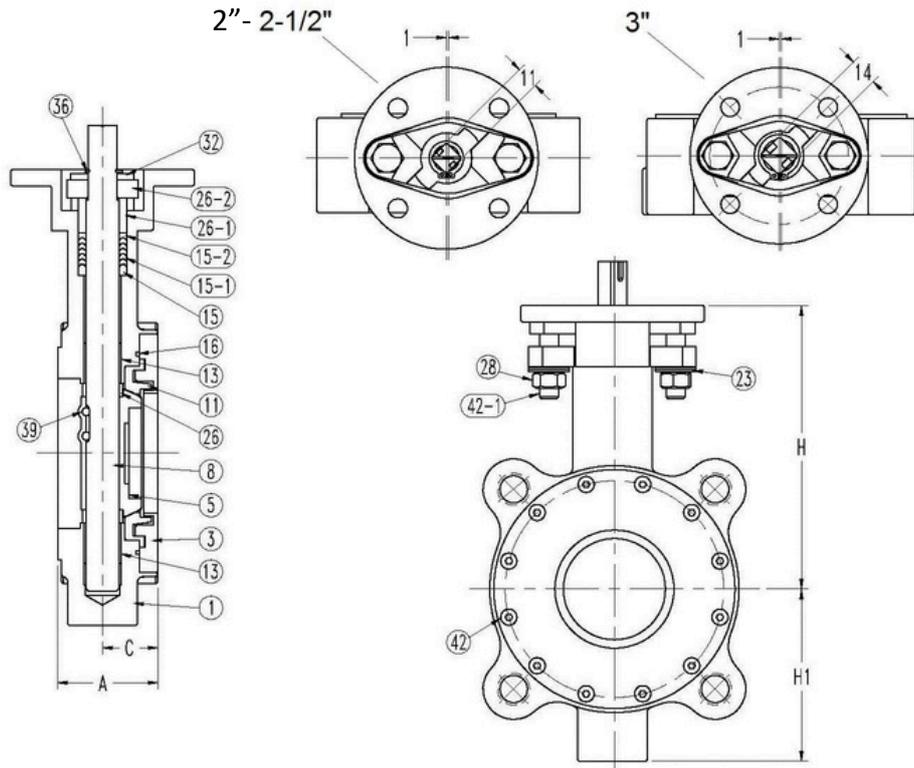


Keeping Safe  
with safe Valves

KJV valves offer positive solutions for all your flow-control applications



# D201A



## MATERIAL LIST

ITEM	Q'TY	PART NAME	D201A-1	D201A-3
1	1	BODY	A351 CF8M	A216 WCB
3	1	INSERT	A351 CF8M	A216 WCB
5	1	DISC	A351 CF8M	
8	1	STEM	17-4 PH	
11	1	SEAT	PTFE/RTFE	
13	2	BEARING	CS	
15	1	PACKING RING	SS 304	
15-1	5	UPPER PACKING	PTFE	
15-2	1	TOP PACKING	PTFE	
16	1	INSERT RING	PTFE	
23	4	SPRING WASHER	SS 301	
26	2	THRUST BEARING	A276 420	
26-1	1	RETAINING RING	A276 420	
26-2	1	COMPRESSION PLATE	A351 CF8M	
28	2	HEX NUT	A194 Gr.8	
32	1	STOPPER PLATE	SS 304	
36	1	SNAP RING	W1-8	
39*	2	DISC LOCK PIN	17-4 PH	
42*	set	BOLT	A193 GR.8	
42-1	2	HEX BOLT	A193 GR.8	

## DIMENSIONS

IN/MM

NPS	ISO	A	C	H	H1
DN	5211				
2"	F07	1.81	1.14	5.00	2.56
50	F07	46.00	29.00	127.00	65.00
2-1/2"	F07	1.93	1.06	5.51	3.35
65	F07	49.00	27.00	140.00	85.00
3"	F07	2.01	1.18	5.91	3.74
80	F07	51.00	30.00	150.00	95.00

39\* It will proceed spot welding after the pressure test.

42\* 2" for 10pcs; 2-1/2" for 12pcs; 3" for 16pcs



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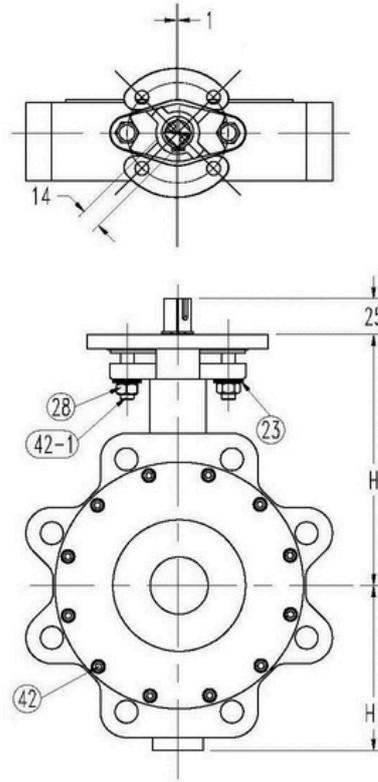
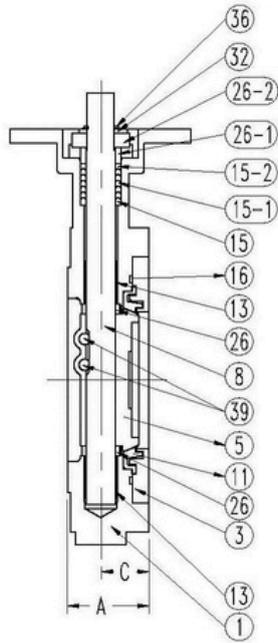
Tel: +886-4-2681 3379

Fax: +886-4-2682 1368

E-mail: marketing@kjsvalve.com



# D201A



## MATERIAL LIST

ITEM	Q'TY	PART NAME	D201A-1	D201A-3
1	1	BODY	A351 CF8M	A216 WCB
3	1	INSERT	A351 CF8M	A216 WCB
5	1	DISC	A351 CF8M	
8	1	STEM	17-4 PH	
11	1	SEAT	PTFE/RTFE	
13	2	BEARING	304+GRAPHITE	
15	1	PACKING RING	SS 304	
15-1	5	UPPER PACKING	PTFE	
15-2	1	TOP PACKING	PTFE	
16	1	INSERT RING	PTFE	
23	4	SPRING WASHER	SS 301	
26	2	THRUST BEARING	A276 420	
26-1	1	RETAINING RING	A276 420	
26-2	1	COMPRESSION PLATE	A351 CF8M	
28	2	HEX NUT	A194 Gr.8	
32	1	STOPPER PLATE	SS 304	
36	1	SNAP RING	W1-8	
39*	2	DISC LOCK PIN	17-4 PH	
42	12	BOLT	A193 GR.8	
42-1	2	HEX BOLT	A193 GR.8	

\*It will proceed spot welding after the pressure test.

## DIMENSIONS

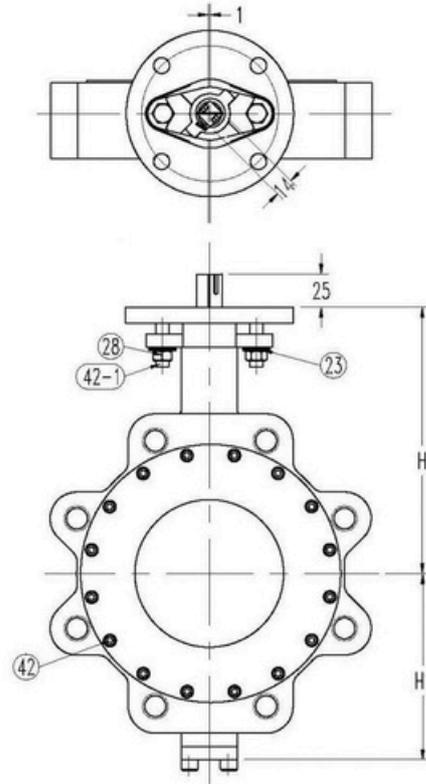
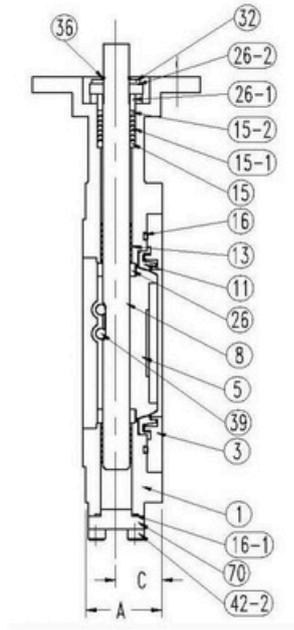
IN/MM

NPS	ISO	A	C	H	H1
DN	5211				
4"	F10	2.22	1.31	6.89	4.53
100	F10	56.50	33.50	175.00	115.00





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1	1	BODY	A351 CF8M	A216 WCB
3	1	INSERT	A351 CF8M	A216 WCB
5	1	DISC	A351 CF8M	
8	1	STEM	17-4 PH	
11	1	SEAT	PTFE/RTFE	
13	2	BEARING	CS	
15	1	PACKING RING	SS 304	
15-1	5	UPPER PACKING	PTFE	
15-2	1	TOP PACKING	PTFE	
16	1	INSERT RING	PTFE	
16-1	1	CAP RING	PTFE/RTFE	
23	4	SPRING WASHER	SS 301	
26	2	THRUST BEARING	A276 420	
26-1	1	RETAINING RING	A276 420	
26-2	1	COMPRESSION PLATE	A351 CF8M	
28	2	HEX NUT	A194 Gr.8	
32	1	STOPPER PLATE	SS 304	
36	1	SNAP RING	SK7/W1-8	
39*	2	DISC LOCK PIN	17-4 PH	
42	16	BOLT	A193 GR.8	
42-1	2	HEX BOLT	A193 GR.8	
42-2	4	STUD BOLT	A193 GR.8	
70	1	CAP	SS 304	

\*It will proceed spot welding after the pressure test.

## DIMENSIONS

IN/MM

NPS	ISO	A	C	H	H1
DN	5211				
5"	F10	2.32	1.34	7.87	5.44
125	F10	59.00	34.00	200.00	138.20



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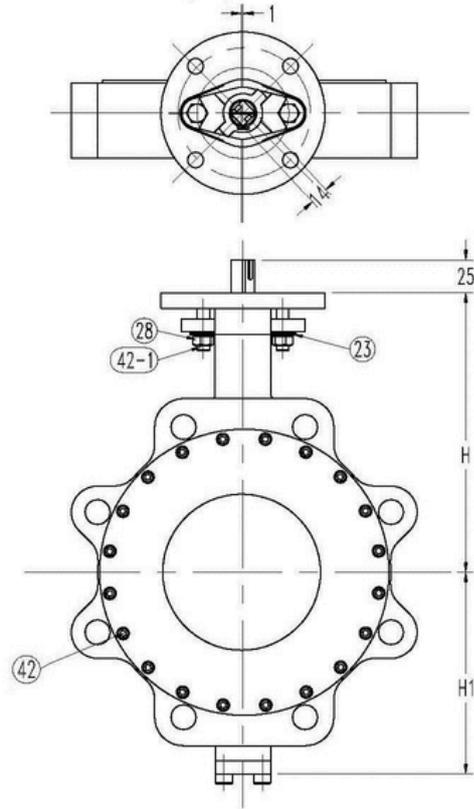
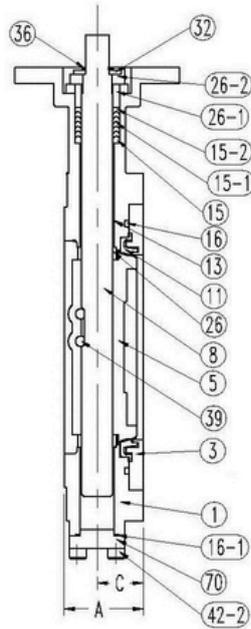
Tel: +886-4-2681 3379

Fax: +886-4-2682 1368

E-mail: marketing@ksvalve.com



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1	1	BODY	A351 CF8M	A216 WCB
3	1	INSERT	A351 CF8M	A216 WCB
5	1	DISC	A351 CF8M	
8	1	STEM	17-4 PH	
11	1	SEAT	PTFE/RTFE	
13	2	BEARING	CS	
15	1	PACKING RING	SS 304	
15-1	5	UPPER PACKING	PTFE	
15-2	1	TOP PACKING	PTFE	
16	1	INSERT RING	PTFE	
16-1	1	CAP RING	PTFE/RTFE	
23	4	BELL WASHER	SS 301	
26	2	THRUST BEARING	A276 420	
26-1	1	RETAINING RING	A276 420	
26-2	1	COMPRESSION PLATE	A351 CF8M	
28	2	HEX NUT	A194 Gr.8	
32	1	STOPPER PLATE	SS 304	
36	1	SNAP RING	SK7/W1-8	
39*	2	DISC LOCK PIN	17-4 PH	
42	20	BOLT	A193 GR.8	
42-1	2	HEX BOLT	A193 GR.8	
42-2	4	STUD BOLT	A193 GR.8	
70	1	CAP	SS 304	

\*It will proceed spot welding after the pressure test.

## DIMENSIONS

IN/MM

NPS	ISO	A	C	H	H1
DN	5211				
6"	F10	2.36	1.38	8.46	6.10
150	F10	60.00	35.00	215.00	155.00



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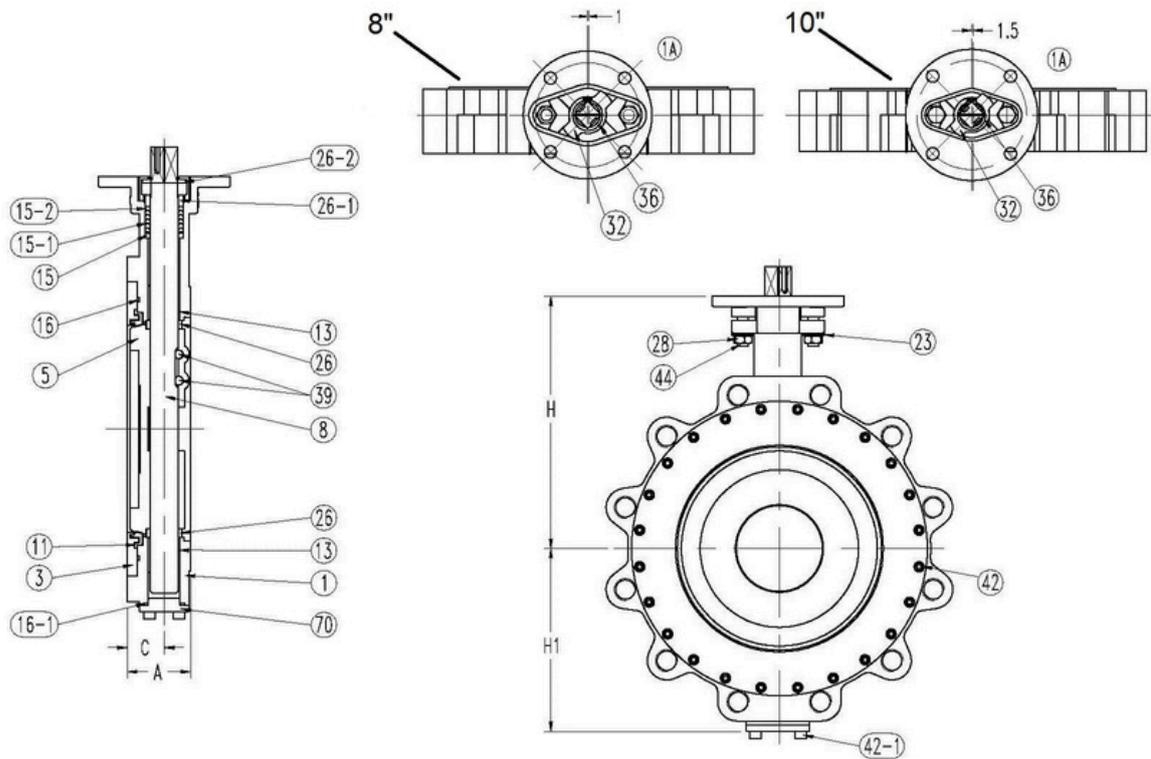
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5	1	DISC	A351 CF8M	
8	1	STEM	17-4 PH	
11	1	SEAT	PTFE/RTFE	
13	2	BEARING	CS	
15	1	PACKING RING	SS 304	
15-1	5	UPPER PACKING	PTFE	
15-2	1	TOP PACKING	PTFE	
16	1	INSERT RING	PTFE	
16-1	1	CAP RING	PTFE	
23	4	BELL WASHER	SS 301	
26	2	THRUST BEARING	A276 420	
26-1	1	RETAINING RING	A276 420	
26-2	1	COMPRESSION PLATE	A351 CF8M	
28	2	HEX NUT	A194 Gr.8	
32	1	STOPPER PLATE	SS 304	
36	1	SNAP RING	W1-8	
39*	2	DISC LOCK PIN	17-4 PH	
42	24	BOLT	A193 GR.8	
42-1	4	CAP BOLT	A193 GR.8	
44	2	GLAND BOLT	A193 GR.8	
70	1	CAP	SS 316/A351 CF8M	CS/A216 WCB

## DIMENSIONS

IN/MM

NPS	ISO	A	C	H	H1
DN	5211				
8"	F12	2.56	1.50	9.65	7.06
200	F12	65.00	38.00	245.00	179.40
10"	F12	2.83	1.65	11.34	8.23
250	F12	72.00	42.00	288.00	209.00

\*It will proceed spot welding after the pressure test.



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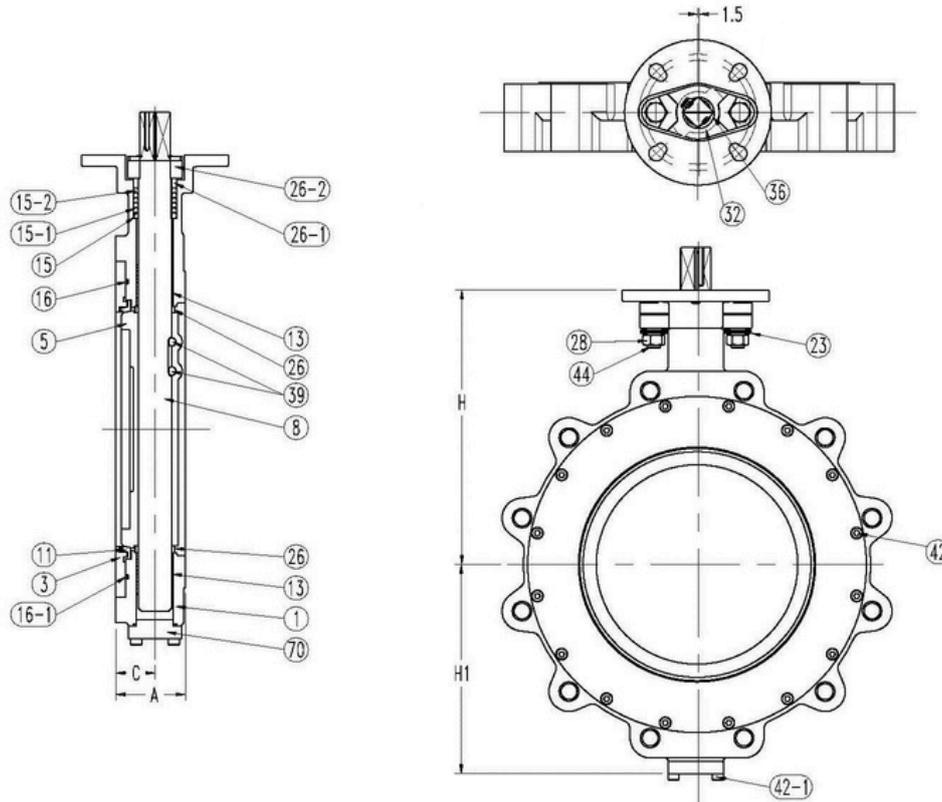
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5	1	DISC	A351 CF8M	
8	1	STEM	17-4 PH	
11	1	SEAT	PTFE/RTFE	
13	2	BEARING	STEEL+PTFE	
15	1	PACKING RING	SS 304	
15-1	4	UPPER PACKING	PTFE	
15-2	1	TOP PACKING	PTFE	
16	1	INSERT RING	PTFE	
16-1	1	CAP RING	PTFE	
23	4	BELL WASHER	SS 301	
26	2	THRUST BEARING	A276 420	
26-1	1	RETAINING RING	A276 420	
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28	2	HEX NUT	A194 Gr.8	
32	1	STOPPER PLATE	SS 304	
36	1	SNAP RING	W1-8	
39*	2	DISC LOCK PIN	17-4 PH	
42	16	BOLT	A193 GR.8	
42-1	4	CAP BOLT	A193 GR.8	
44	2	GLAND BOLT	A193 GR.8	
70	1	CAP	SS 316/A351 CF8M	CS/A216WCB

## DIMENSIONS

IN/MM

NPS	ISO	A	C	H	H1
DN	5211				
12"	F12	3.27	1.85	13.00	9.84
300	F12	83.00	47.00	330.00	250.00

\*It will proceed spot welding after the pressure test.



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