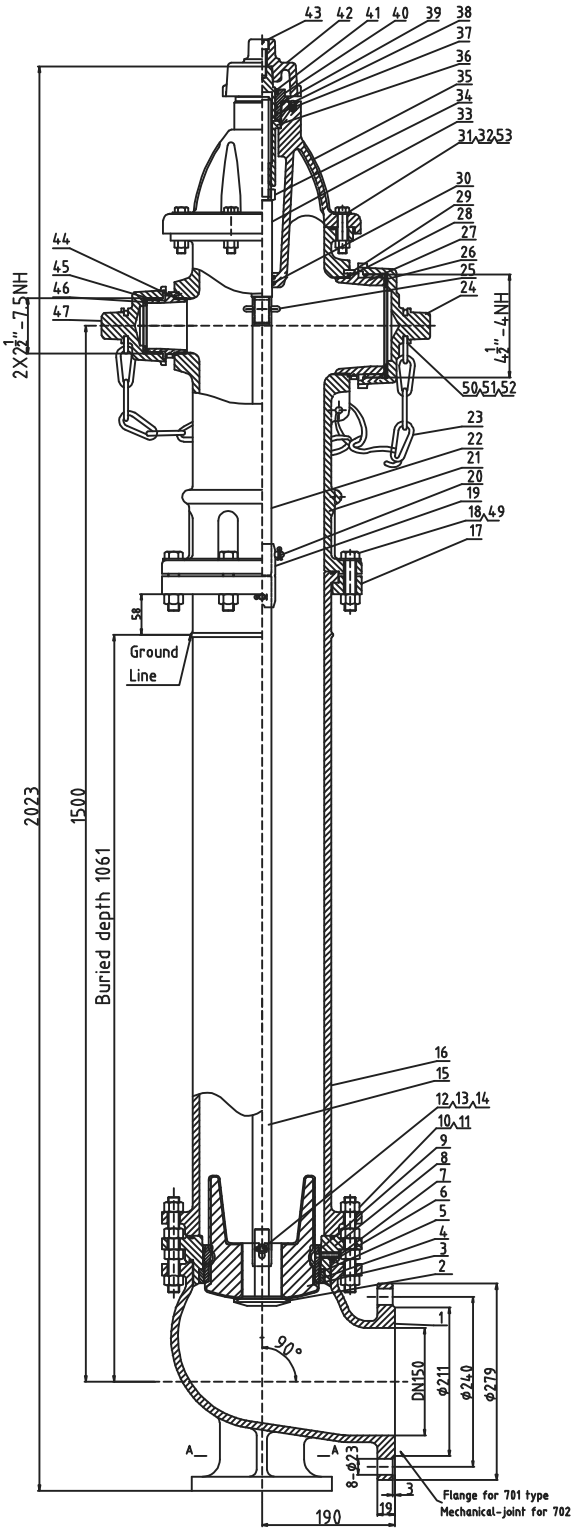
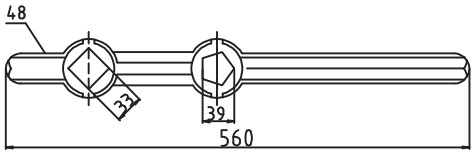
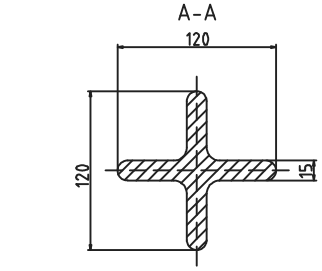
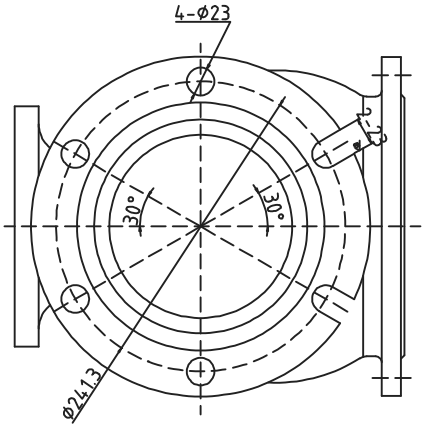
Ductile Iron Dry Barrel Fire Hydrant
UL Listed & FM Approval - (RVK701)









Type 702--Mechanical-joint Hydrant Body

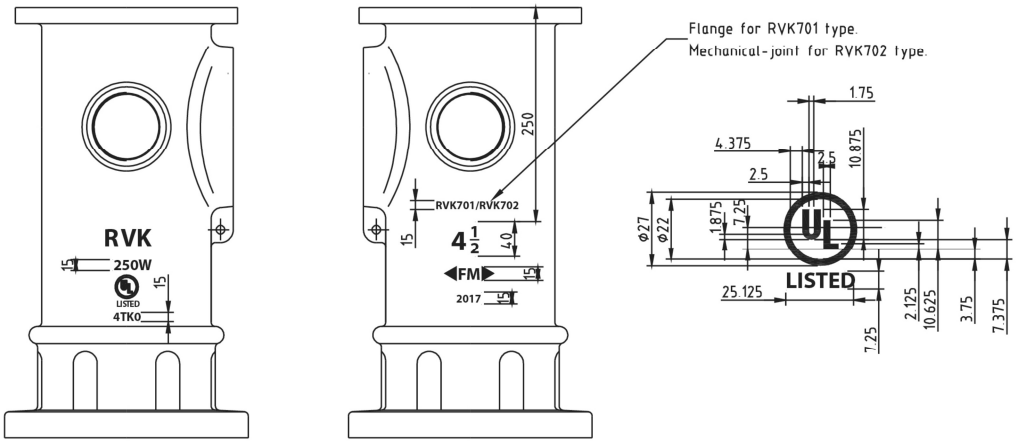
Note:

1- The diameter of a waterway through a connection and a valve shall be a nominal size or a specified size ± 0.01 inch (0.3mm).
2- General tolerance as IT8
3- The rate pressure is 250PSI
4- The nominal size of connection is accord with NFPA 1963
5- All the dimentions are given in mm
6- Surface painting: thickness greater than 300 Microns Color RAL 3020.
7- Rubber: ASTM D2000 (EPDM)
8- Flange for 701 type, Conforms to BS EN1092-2.PN16. Mechanical-joint for 702, Conforms to ANSI A21.11.
9- The design standard conforms to AWWA C502 and its had passed the UL/FM approval.

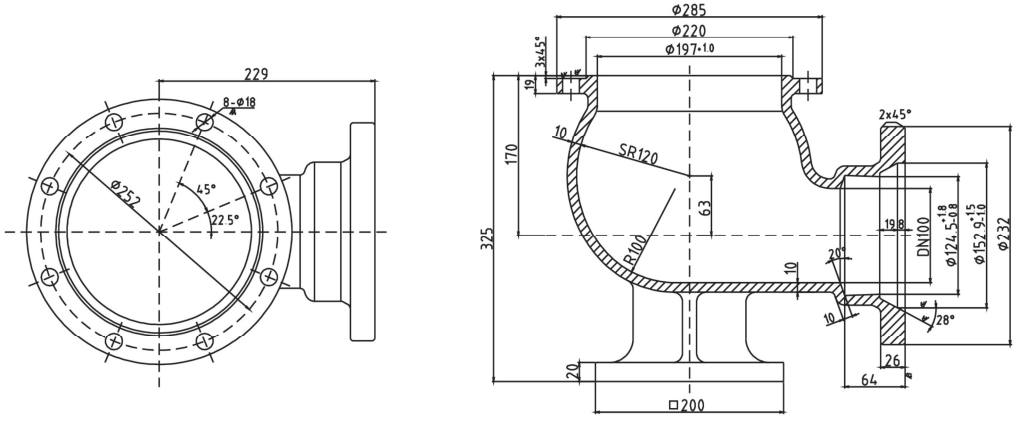
NO	Name	QTY	Material	Comments
1	Hydrant Body	1	Ductile iron ASTM A536 65-45-12	GGG50
2	Drain Stem	1	Stainless steel SS304	-
3	Wedge	1	ASTM A536 65-45-12+ASTM D2000 EPDM	GGG50+EPDM
4	Seal-ring	1	Bronze ASTM B584 C83600	Copper Alloy
5	Hydrant Seat	1	Bronze ASTM B584 C83600	Copper Alloy
6	O-ring	4	ASTM D2000 EPDM	Rubber
7	Scrwed Plug	1	Bronze ASTM B584 C83600	Copper Alloy
8	Main Valve Flange	1	Ductile iron ASTM A536 65-45-12	GGG50
9	O-ring	2	ASTM D2000 EPDM	Rubber
10	Stud Bolts	8	Stainless steel SS316	-
11	Nuts	40	Stainless steel SS316	-
12	Pin Axes	1	Stainless steel SS316	-
13	Pin	4	Stainless steel SS316	-
14	Washer	2	Stainless steel SS316	-
15	Lower Stem	1	Stainless steel SS316	-
16	Barrel	1	Ductile iron ASTM A536 65-45-12	GGG50
17	Breakable Flange	1	Ductile iron ASTM A536 65-45-12	GGG50
18	Bolts	8	Stainless steel SS316	-
19	Coupling	1	Ductile iron ASTM A536 65-45-12	GGG50
20	Pin Axes	2	Stainless steel SS316	-
21	Drainpipe	1	Ductile iron ASTM A536 65-45-12	GGG50
22	Upper Stem	1	Stainless steel SS316	-
23	Link	3	Stainless steel SS316	-
24	Big Nozzle Cap	1	Ductile iron ASTM A536 65-45-12	GGG50
25	Pin Axes	1	Stainless steel SS316	-
26	Big Sealed Gasket	1	ASTM D2000 EPDM	Rubber
27	Big Outlet	1	Bronze ASTM B584 C83600	Copper Alloy
28	O-ring	1	ASTM D2000 EPDM	Rubber
29	Pin	3	Stainless steel SS316	-
30	O-ring	2	ASTM D2000 EPDM	Rubber
31	Bolts	8	Stainless steel SS316	-
32	Nuts	8	Stainless steel SS316	-
33	Stem	1	Stainless steel SS316	-
34	Stop Nut	1	Bronze ASTM B584 C83600	Copper Alloy
35	Hydrant Bonnet	1	Ductile iron ASTM A536 65-45-12	GGG50
36	Stem Nut	1	Brass ASTM B584 EPDM	Copper Alloy
37	O-ring	2	ASTM D2000 EPDM	Rubber
38	Oil Cup	1	-	-
39	O-ring	1	ASTM D2000 EPDM	Rubber

40	Bush	1	Bronze ASTM B584 C83600	Copper Alloy
41	Dustproof Ring	1	ASTM D2000 EPDM	Rubber
42	Operating Cap	1	Ductile iron ASTM A536 65-45-12	GGG50
43	Socket Head Bolt	1	Stainless steel SS316	-
44	O-ring	2	ASTM D2000 EPDM	Rubber
45	Small Outlet	2	Bronze ASTM B584 C83600	Copper Alloy
46	Small Sealed Gasket	2	ASTM D2000 EPDM	Rubber
47	Small Nozzle Cap	2	Ductile iron ASTM A536 65-45-12	GGG50
48	Wrench	1	Ductile iron ASTM A536 65-45-12	GGG50
49	Flat Washers	16	Stainless steel SS316	-
50	Screws	3	Stainless steel SS316	-
51	Nuts	3	Stainless steel SS316	-
52	Washers	3	Stainless steel SS316	-
53	Washers	8	Stainless steel SS316	-

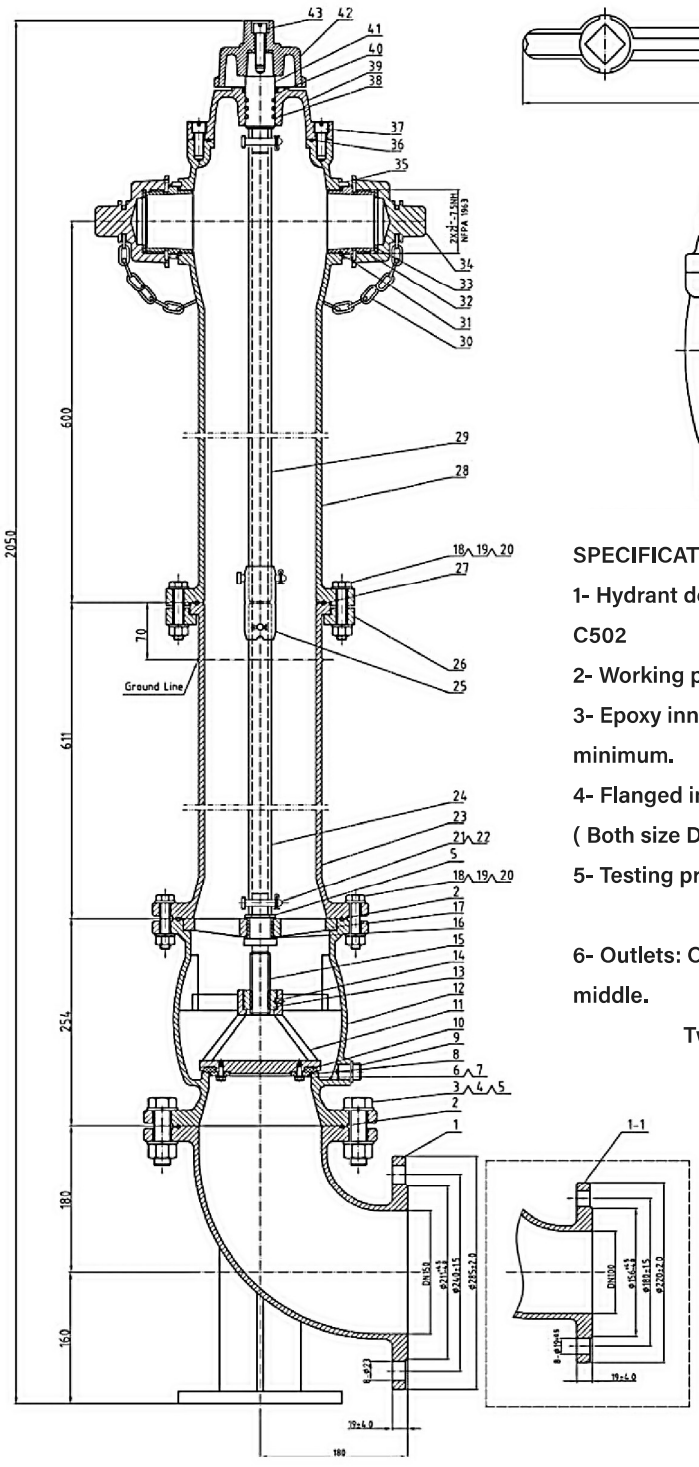
Markings

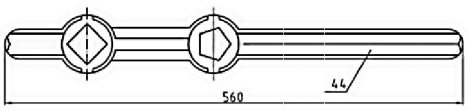


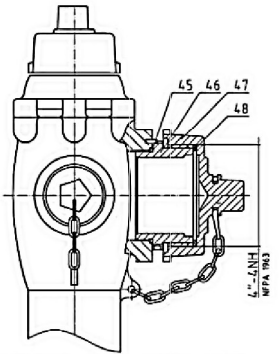
Type 702 mechanical - joint Hydrant body



Ductile Iron Dry Barrel Fire Hydrant (FH103)







SPECIFICATIONS (As per NFPA 1963)

1- Hydrant design according to AWWA C502

2- Working pressure: 16 Bar

3- Epoxy inner & outer coating 250 micron minimum.

4- Flanged inlet as per BS EN 1092-2 PN16 (Both size DN150 & DN100)

5- Testing pressure: 18 bar Seat test
25 bar Shell test

6- Outlets: One dia 4 inch outlet in the middle.
Two dia 2.5" outlet on the sides

INDEX	NAME	QTY	MATERIAL
1	DN150 Hydrant Base	1	GGG50
1-1	DN100 Hydrant Base	1	GGG50
2	O-ring	2	EPDM
3	Bolts	8	SS316
4	Nuts	8	SS316
5	Washer	17	SS316
6	Bolts	3	SS316
7	Washer	3	SS316
8	Plete	1	GGG50
9	Drain Screwed Plug	1	Bronze/Nylon
10	Sealaring	1	EPDM
11	Disc	1	GGG50
12	Hydrant Body	1	GGG50
13	Stem Nut	1	CuZn39Pb3
14	Screw	1	SS316
15	Lower Stem	1	SS316
16	Axle Sleeve	1	ZCuSn5Pb5Zn5
17	Support Frame	1	GGG50
18	Bolts	16	SS316
19	Nuts	16	SS316
20	Washer	32	SS316
21	Pin Axes	4	SS316
22	Pin	4	SS316
23	Dry Barrel	1	GGG50
24	Lower Extension Spindle	1	SS316
25	Coupling	1	GGG50
26	Breakable Flange	1	GGG50
27	O-ring	1	EPDM
28	Drainpipe	1	GGG50
29	Up Extension Spindle	1	SS316
30	Link	1	SS316
31	O-ring	2	EPDM
32	Small Outlet	2	ZCuSn5Pb5Zn5
33	Small Sealed Gasket	2	EPDM
34	Small Nozzle Cap	2	GGG50
35	Pin	3	SS316
36	O-ring	1	EPDM
37	Scoket Head Bolt	6	SS316
38	O-ring	3	EPDM
39	Hydrant Bonnet	1	GGG50
40	Dustproof Ring	1	EPDM
41	Up Stem	1	SS316
42	Cap	1	GGG50
43	Socket Head Bolt	1	SS316
44	Wrench	1	GGG50
45	O-ring	1	EPDM
46	Big Outlet	1	ZCuSn5Pb5Zn5
47	Big Nozzie Cap	1	GGG50
48	Big Sealed Gasket	1	EPDM