

100X-900X Hydraulic Control Valve

Check Valve

Size Range: 2~32"(DN50~DN800)

Pressure: PN10, PN16, Class150

Body Materials: Ductile Iron, WCB , Stainless Steel

Seat Materials: NBR, EPDM

Disc Materials: Ductile Iron, WCB, CF8,CF8M,

End Connection: Flange

Standard:

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Inspection and Test :

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

PARAMETERS

D	L	A	A	H	H1	F	D			D1			D2			n-Ød		
N			1				mm			mm			mm			PN	PN	PN
	m	m	m	m	m	m	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN
	m	m	m	m	m	m	1.0	1.6	2.5	1.0	1.6	2.5	1.0	1.6	2.5	1.0	1.6	2.5
20	18 0	33 0	13 0	55 0	46 0	11 6	105	105	105	75	75	75	58	58	56	4- 13. 5	4- 13. 5	4— 14
25	18 0	33 0	13 0	55 0	46 0	11 6	115	115	115	85	85	85	68	68	65	4- 13. 5	4- 13. 5	4— 14
32	18 0	33 0	13 0	55 0	46 0	11 6	140	140	140	100	100	100	78	78	76	4- 17. 5	4- 17. 5	4— 14
40	24 0	34 5	13 5	61 0	51 6	17 0	150	150	150	110	110	110	88	88	84	4- 17. 5	4- 17. 5	4— 14
50	24 0	34 5	13 5	61 0	51 6	17 0	165	165	165	125	125	125	102	102	99	4- 17. 5	4- 17. 5	4— 14
65	25 0	35 5	14 0	62 5	52 0	18 0	185	185	185	145	145	145	122	122	118	4- 17. 5	4- 17. 5	4— 14
80	28 5	36 0	14 6	64 5	53 8	21 0	200	200	200	160	160	160	133	133	132	8- 17. 5	8- 17. 5	4— 14
100	36 0	40 0	15 6	75 0	59 6	27 5	220	220	235	180	180	190	158	158	156	8- 17. 5	8- 17. 5	4— 14
125	40 0	42 0	17 0	80 8	65 5	31 0	250	250	270	210	210	220	184	184	184	8- 17. 5	8- 17. 5	4— 14
150	45 5	43 5	18 6	86 4	71 0	35 5	285	285	300	240	240	250	212	212	211	8— -22	8— -22	4— 14
200	58 5	48 0	20 6	11 35	80 5	46 0	340	340	360	295	295	310	268	268	274	8— -22	12 — 22	4— 14
250	65 0	53 0	22 6	11 85	85 5	50 0	395	405	425	350	355	370	320	320	330	12 — 22	12 — 26	4— 14
300	80 0	57 5	24 6	13 25	95 5	58 0	445	460	485	400	410	430	370	370	389	12 — 22	12 — 26	16- 30
350	86 0	62 0	27 5	13 85	99 0	64 0	505	520	555	460	470	490	430	430	448	16- 22	16- 26	16- 33
400	96 0	63 5	28 6	14 45	10 30	71 5	565	580	620	515	525	550	482	482	503	16- 26	16- 30	16- 36

450	1075	665	320	1325	905	780	615	640	670	565	585	600	532	550	548	20-26	20-30	20-36
500	1075	695	348	1430	960	830	670	715	730	620	650	660	585	585	609	20-26	20-33	20-36
600	1230	720	372	1565	1020	920	780	840	845	725	770	770	685	685	720	20-30	20-36	20-39
700	1650	770	422	1755	1160	980	895	910	960	840	840	875	800	800	820	24-30	24-36	24-42
800	1750	805	458	1830	1515	1050	1015	1025	1085	950	950	990	905	905	928	24-33	24-39	24-48



