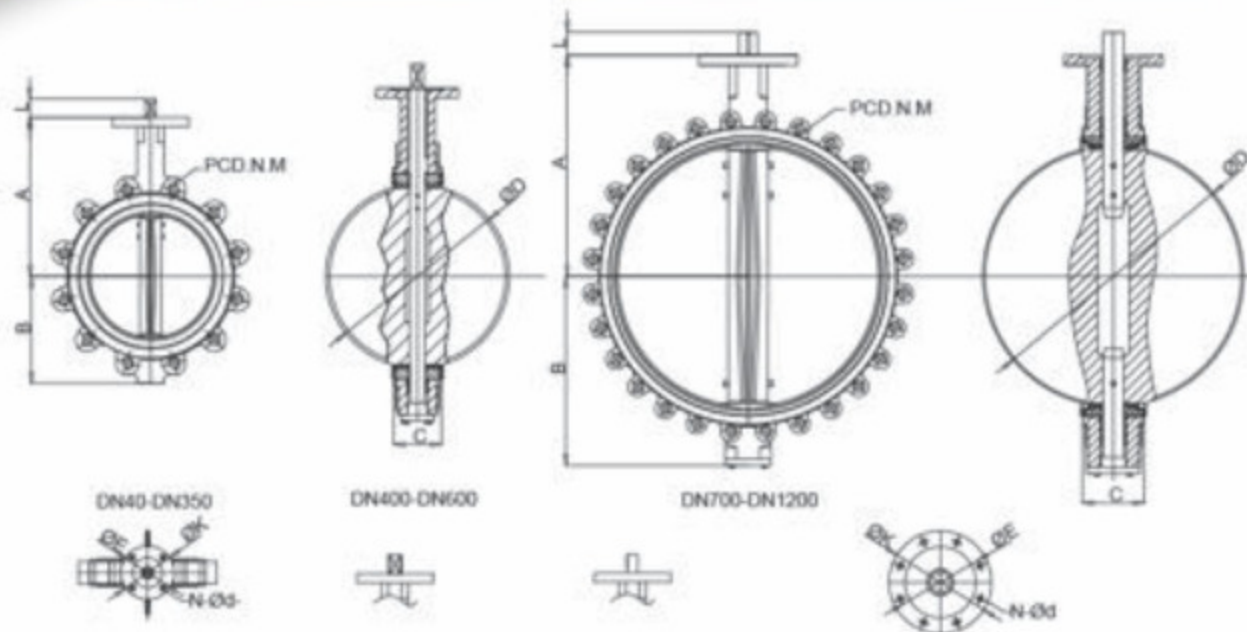




# VALVE

# Lug Butterfly Valve



Material of main parts

NAME	MATERIAL	Specification
		ASTM
BODY	Cast Iron	ASTM A126B
	Ductile Iron	ASTM A536
	Carbon Steel	A216 WCB
	Stainless Steel	A351 CF8M
A351 CF8		
DISC	Plated Ductile Iron	ASTM A536
	Aluminum Bronze	B148-954
	Stainless Steel	A351 CF8M
		A351 CF8
STEM	Carbon steel	A216 WCB
	Stainless Steel	A276-410
		A276-304
		A276-316
		A276-316L

NAME	MATERIAL	Specification
		ASTM
SEAT	NBR(Nit rle)	
	EPDM	
	NEOPRENE(CR)	
	VITON(FKM)	
	NATURAL RUBBER(NR)	
	PTFE	
PIN	Stainless Steel	A182 F6A
		A182 F304
		A182 F316
BUSHING	PTFE	
	Bronze	B62
O-RING	NBR	
	EPDM	
	VITON	



★ Other special material requested, please contact us directly.  
Connecting dimensions (End flange EN1092-1 PN10)  
(Unit: mm)

SIZE	A	B	C	d 0	PCD	N-Q	ISO 5211	¢K	¢E	N- ¢ d1	B1 x B1	J	L
DN40	120	70	33	12.6	110	4-M16	F05	65	50	4-7	9 x 9	---	26
DN50	161	80	43	12.6	125	4-M16	F07	90	70	4-10	11 x11	---	26
DN65	175	89	46	12.6	145	4-M16	F07	90	70	4-10	11 x11	---	30
DN80	181	95	46	12.6	160	8-M16	F07	90	70	4-10	11 x11	---	30
DN100	200	114	52	15.77	180	8-M16	F07	90	70	4-10	11 x11	---	30
DN125	213	127	56	18.92	210	8-M16	F07	90	70	4-10	14 x14	---	30
DN150	226	139	56	18.92	240	8-M20	F07	90	70	4-10	14 x14	---	40
DN200	260	175	60	22.1	295	8-M20	F10	125	102	4-12	17 x17	---	40
DN250	292	203	68	28.45	350	12-M20	F10	125	102	4-12	22x22	---	40
DN300	337	242	78	31.6	400	12-M20	F10	125	102	4-12	22x22	---	40
DN350	368	267	78	31.6	460	16-M20	F10	125	102	4-12	22x22	---	40
DN400	400	309	102 <sup>2</sup>	33.15 <sup>1</sup>	515	16-M24	F14	175	140	4-18	27x27	---	50
DN450	422	328	114 <sup>2</sup>	37.95 <sup>1</sup>	565	20-M24	F14	175	140	4-18	27x27	---	70
DN500	480	361	127	41.12 <sup>1</sup>	620	20-M24	F14	175	140	4-18	36x36	---	80
DN600	562	459	154	50.62 <sup>1</sup>	725	20-M27	F16	210	165	4-23	36x36	---	80
DN700	624	520	165	63.35	840	24-M27	F25	300	254	8-18	---	2-18	85
DN800	672	591	190	63.35	950	24-M30	F25	300	254	8-18	---	2-18	95
DN900	720	656	203	74.7	1050	28-M33	F25	300	254	8-18	---	2-20	118
DN1000	800	721	216	84.7	1160	28-M33	F25	300	254	8-18	---	2-22	118
DN1200	941	864	276	104.7	1380	32-M26	F30	350	298	8-22	---	2-28	154

Note:

\*The shaft end can be double D and key connection. From DN700 and above, the shaft end is double keys.

\*The flange connection of the above table can be DIN2501 PN16, ASME B16.47-A 125/150LB, BS4504 PN10/PN16, JIS B2220 10K and so on.

\*Please inform us if there is any dimension need to be adjusted.

① When working pressure is PN16, the diameter of the stems are different from PN10 (from DN400-DN600).

② DN400' s valve face to face can be 85.7mm & 102mm, DN450' s valve face to face can be 104mm & 114mm.



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