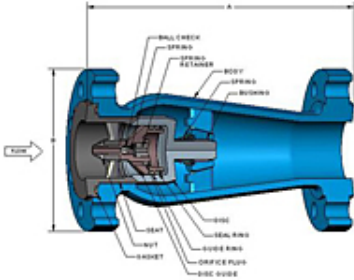


## PDC® Flanged Check Valves



The DFT® Model PDC® Silent Check Valve is specially designed for use on the discharge side of reciprocating air or gas compressors. It includes a pulse damping chamber to maintain the disc in the open position during the momentary reductions in flow associated with each cycle of a reciprocating compressor and to protect against premature seat wear.

[Click here to view the Check Valve Animation](#)

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Prod. #	Class	Size	Dimension A	Dimension B	Cv	Cracking Pressure CP	Body
312H1A4A3	150	DN 50 2 in	8 in 203 mm	6 in 152 mm	62	0.41 psig 0.028 bar	A216 Grade WCB
312H1B4A3	300	DN 50 2 in	10.5 in 267 mm	6.5 in 165 mm	62	0.49 psig 0.034 bar	A216 Grade WCB
312H1C4A3	600	DN 50 2 in	11.5 in 292 mm	6.5 in 165 mm	62	0.41 psig 0.028 bar	A216 Grade WCB
312H1D4A3	900	DN 50 2 in	14.5 in 368 mm	8.5 in 216 mm	55	0.35 psig 0.024 bar	A216 Grade WCB
312H1E4A3	1500	DN 50 2 in	14.5 in 368 mm	8.5 in 216 mm	55	0.35 psig 0.024 bar	A216 Grade WCB
315H1A4A3	150	DN 50 2 in	8 in 203 mm	6 in 152 mm	62	0.41 psig 0.028 bar	A351 CF8M
315H1C4A3	600	DN 50 2 in	11.5 in 292 mm	6.5 in 165 mm	62	0.41 psig 0.028 bar	A351 CF8M
315H1D4A3	900	DN 50 2 in	14.5 in 368 mm	8.5 in 216 mm	55	0.35 psig 0.024 bar	A351 CF8M
318H1A4A3	150	DN 50 2 in	8 in 203 mm	6 in 152 mm	62	0.41 psig 0.028 bar	A352 LCC
318H1B4A3	300	DN 50 2 in	10.5 in 267 mm	6.5 in 165 mm	62	0.49 psig 0.034 bar	A352 LCC
318H1C4A3	600	DN 50 2 in	11.5 in 292 mm	6.5 in 165 mm	62	0.41 psig 0.028 bar	A352 LCC
318H1D4A3	900	DN 50 2 in	14.5 in 368 mm	8.5 in 216 mm	55	0.35 psig 0.024 bar	A352 LCC
318H1E4A3	1500	DN 50 2 in	14.5 in 368 mm	8.5 in 216 mm	55	0.35 psig 0.024 bar	A352 LCC
312K1A4A3	150	DN 80 3 in	9.5 in 241 mm	7.5 in 191 mm	148	0.62 psig 0.043 bar	A216 Grade WCB
312K1B4A3	300	DN 80 3 in	12.5 in 318 mm	8.25 in 210 mm	148	0.62 psig 0.043 bar	A216 Grade WCB
312K1C4A3	600	DN 80 3 in	14 in 356 mm	8.25 in 210 mm	142	0.66 psig 0.046 bar	A216 Grade WCB
312K1D4A3	900	DN 80 3 in	15 in 381 mm	9.5 in 241 mm	118	0.78 psig 0.054 bar	A216 Grade WCB
312K1E4A3	1500	DN 80 3 in	18.5 in 470 mm	10.5 in 267 mm	118	0.78 psig 0.054 bar	A216 Grade WCB
315K1C4A3	600	DN 80 3 in	14 in 356 mm	8.25 in 210 mm	142	0.66 psig 0.046 bar	A351 CF8M
315K1E4A3	1500	DN 80 3 in	18.5 in 470 mm	10.5 in 267 mm	118	0.78 psig 0.054 bar	A351 CF8M
318K1A4A3	150	DN 80 3 in	9.5 in 241 mm	7.5 in 191 mm	148	0.62 psig 0.043 bar	A352 LCC
318K1B4A3	300	DN 80 3 in	12.5 in 318 mm	8.25 in 210 mm	148	0.62 psig 0.043 bar	A352 LCC

318K1C4A3	600	DN 80 3 in	14 in 356 mm	8.25 in 210 mm	142	0.66 psig 0.046 bar	A352 LCC
318K1D4A3	900	DN 80 3 in	15 in 381 mm	9.5 in 241 mm	118	0.78 psig 0.054 bar	A352 LCC
318K1E4A3	1500	DN 80 3 in	18.5 in 470 mm	10.5 in 267 mm	118	0.78 psig 0.054 bar	A352 LCC
312L1A4A3	150	DN 100 4 in	11.5 in 292 mm	9 in 229 mm	255	0.68 psig 0.047 bar	A216 Grade WCB
312L1B4A3	300	DN 100 4 in	14 in 356 mm	10 in 254 mm	255	0.68 psig 0.047 bar	A216 Grade WCB
312L1C4A3	600	DN 100 4 in	17 in 432 mm	10.75 in 273 mm	255	0.31 psig 0.021 bar	A216 Grade WCB
312L1D4A3	900	DN 100 4 in	18 in 457 mm	11.5 in 292 mm	224	0.82 psig 0.057 bar	A216 Grade WCB
315L1A4A3	150	DN 100 4 in	11.5 in 292 mm	9 in 229 mm	255	0.68 psig 0.047 bar	A351 CF8M
315L1C4A3	600	DN 100 4 in	17 in 432 mm	10.75 in 273 mm	255	0.31 psig 0.021 bar	A351 CF8M
318L1A4A3	150	DN 100 4 in	11.5 in 292 mm	9 in 229 mm	255	0.68 psig 0.047 bar	A352 LCC
318L1B4A3	300	DN 100 4 in	14 in 356 mm	10 in 254 mm	255	0.68 psig 0.047 bar	A352 LCC
318L1C4A3	600	DN 100 4 in	17 in 432 mm	10.75 in 273 mm	255	0.31 psig 0.021 bar	A352 LCC
318L1D4A3	900	DN 100 4 in	18 in 457 mm	11.5 in 292 mm	224	0.82 psig 0.057 bar	A352 LCC
312N1A4A3	150	DN 150 6 in	14 in 356 mm	11 in 279 mm	660	0.51 psig 0.035 bar	A216 Grade WCB
312N1B4A3	300	DN 150 6 in	17.5 in 445 mm	12.5 in 318 mm	660	0.51 psig 0.035 bar	A216 Grade WCB
312N1C4A3	600	DN 150 6 in	22 in 559 mm	14 in 356 mm	660	0.49 psig 0.034 bar	A216 Grade WCB
312N1D4A3	900	DN 150 6 in	24 in 610 mm	15 in 381 mm	567	0.63 psig 0.043 bar	A216 Grade WCB
315N1B4A3	300	DN 150 6 in	17.5 in 445 mm	12.5 in 318 mm	660	0.51 psig 0.035 bar	A351 CF8M
318N1A4A3	150	DN 150 6 in	14 in 356 mm	11 in 279 mm	660	0.51 psig 0.035 bar	A352 LCC
318N1B4A3	300	DN 150 6 in	17.5 in 445 mm	12.5 in 318 mm	660	0.51 psig 0.035 bar	A352 LCC
318N1C4A3	600	DN 150 6 in	22 in 559 mm	14 in 356 mm	660	0.49 psig 0.034 bar	A352 LCC
318N1D4A3	900	DN 150 6 in	24 in 610 mm	15 in 381 mm	567	0.63 psig 0.043 bar	A352 LCC
312O1A4A3	150	DN 200 8 in	19.5 in 495 mm	13.5 in 343 mm	1005	0.66 psig 0.046 bar	A216 Grade WCB
312O1B4A3	300	DN 200 8 in	21 in 533 mm	15 in 381 mm	1005	0.66 psig 0.046 bar	A216 Grade WCB
312O1C4A3	600	DN 200 8 in	26 in 660 mm	16.5 in 419 mm	1005	0.42 psig 0.029 bar	A216 Grade WCB
315O1B4A3	300	DN 200 8 in	21 in 533 mm	15 in 381 mm	1005	0.66 psig 0.046 bar	A351 CF8M
315O1C4A3	600	DN 200 8 in	26 in 660 mm	16.5 in 419 mm	1005	0.42 psig 0.029 bar	A351 CF8M
318O1A4A3	150	DN 200 8 in	19.5 in 495 mm	13.5 in 343 mm	1005	0.66 psig 0.046 bar	A352 LCC
318O1B4A3	300	DN 200 8 in	21 in 533 mm	15 in 381 mm	1005	0.66 psig 0.046 bar	A352 LCC
318O1C4A3	600	DN 200 8 in	26 in 660 mm	16.5 in 419 mm	1005	0.42 psig 0.029 bar	A352 LCC
312O1D4A3	900	DN 200 8 in	29 in 737 mm	18.5 in 470 mm	740	0.6 psig 0.041 bar	A216 Grade WCB A351 CF8M A352 LCC
312P1B4A3	300	DN 250 10 in	24.5 in 622 mm	17.5 in 445 mm	1580	0.38 psig 0.026 bar	A216 Grade WCB
318P1B4A3	300	DN 250 10 in	24.5 in 622 mm	17.5 in 445 mm	1580	0.38 psig 0.026 bar	A352 LCC

312P1C4A3	600	DN 250 10 in	31 in 787 mm	20 in 508 mm	1540	0.46 psig 0.032 bar	A216 Grade WCB
312R1B4A3	300	DN 300 12 in	28 in 711 mm	20.5 in 521 mm	2300	0.29 psig 0.020 bar	A216 Grade WCB
318R1B4A3	300	DN 300 12 in	28 in 711 mm	20.5 in 521 mm	2300	0.29 psig 0.020 bar	A352 LCC
312R2E4A3	1500	DN 300 12 in	44.5 in 1130 mm	26.5 in 673 mm	1590	0.7 psig 0.048 bar	A216 Grade WCB

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