



\* Diagram for representation only and may not mimic pump style



### Ion Pump Magnetic Field Data

Collected in accordance with ISO/DIN 28429

Ion Pump Style\*: 25SVW

Flange: 2.75" CFF (NW35)

D: 1.50" (38.1 mm)

Data Units: Gauss

Z = 0		X				
		-2D	-D	0	D	2D
Y	-2D	3.884	4.249	1.630	1.568	2.137
	-D	6.466	12.151	9.913	6.634	3.716
	0	8.649	18.659	14.897	11.742	4.806
	D	7.163	12.306	7.629	7.984	4.080
	2D	5.256	5.184	2.422	3.043	3.290

Z = D		X				
		-2D	-D	0	D	2D
Y	-2D	1.849	1.640	0.854	0.900	0.787
	-D	2.545	2.903	1.392	0.989	1.122
	0	3.014	3.848	2.229	1.630	1.334
	D	2.846	3.006	1.220	1.067	1.315
	2D	2.211	2.142	1.208	1.024	1.276

Z = 2D		X				
		-2D	-D	0	D	2D
Y	-2D	1.296	0.911	0.670	0.616	0.538
	-D	1.356	1.048	0.509	0.489	0.608
	0	1.363	1.051	0.565	0.458	0.608
	D	1.489	1.212	0.547	0.509	0.616
	2D	1.417	1.288	0.927	0.707	0.640

Z = 3D		X				
		-2D	-D	0	D	2D
Y	-2D	0.927	0.707	0.616	0.489	0.489
	-D	0.927	0.640	0.547	0.458	0.424
	0	0.927	0.640	0.519	0.519	0.412
	D	0.994	0.761	0.616	0.509	0.400
	2D	1.004	0.927	0.610	0.519	0.412

Z = 4D		X				
		-2D	-D	0	D	2D
Y	-2D	0.866	0.748	0.538	0.509	0.441
	-D	0.787	0.670	0.509	0.447	0.458
	0	0.787	0.640	0.509	0.457	0.447
	D	0.860	0.640	0.583	0.447	0.447
	2D	0.860	0.781	0.583	0.458	0.458