

Reference values

u components along vertical midline

y	Re=1000 u	Re=10000 u
1.0	1.0	1.0
0.9532	0.65928	0.47221
0.9376	0.57492	0.47783
0.9218	0.51117	0.4807
0.9062	0.46604	0.47804
0.7032	0.33304	0.34635
0.4688	0.18719	0.20673
0.2344	0.05702	0.08344
0.0	-0.0608	0.03111
-0.0938	-0.10648	-0.0754
-0.4374	-0.27805	-0.23186
-0.6562	-0.38289	-0.32709
-0.7968	-0.2973	-0.38
-0.8594	-0.2222	-0.41657
-0.875	-0.20196	-0.42537
-0.8906	-0.18109	-0.42735
-1.0	0.0	0.0

v components along horizontal midline

x	Re=1000 v	Re=10000 v
1.0	0.0	0.0
0.9376	-0.21388	-0.54302
0.9218	-0.27669	-0.52987
0.9062	-0.33714	-0.49099
0.8906	-0.39188	-0.45863
0.8126	-0.5155	-0.41496
0.7188	-0.42665	-0.36737
0.6094	-0.31966	-0.30719
0.0	0.02526	0.00831
-0.5312	0.32235	0.27224
-0.5468	0.33075	0.28003
-0.6874	0.37095	0.3507
-0.8124	0.32627	0.41487
-0.8438	0.30353	0.43124
-0.8594	0.29012	0.43733
-0.875	0.27485	0.43983
-1	0.0	0.0