Flowrate data

Non-Reacting Swirling Flows

Flow	Gas	axial flowrate Q_{ax} L/sec	tangential flowrate Q_{tan} L/sec	tangential (each port) $Q_{tan}/3$ L/sec	jet flowrate $Q_{jet, AIR}$ L/sec	Bulk jet velocity $U_{jet, BULK}$ m/sec
N16S159	Air	0.00	14.00	4.67	0.67180	66
N29S054	Air	13.83	11.17	3.72	0.67180	66

NB
(1) Central jet diameter: 3.6mm
(2) Fuel and air exit temperature: 293 K.