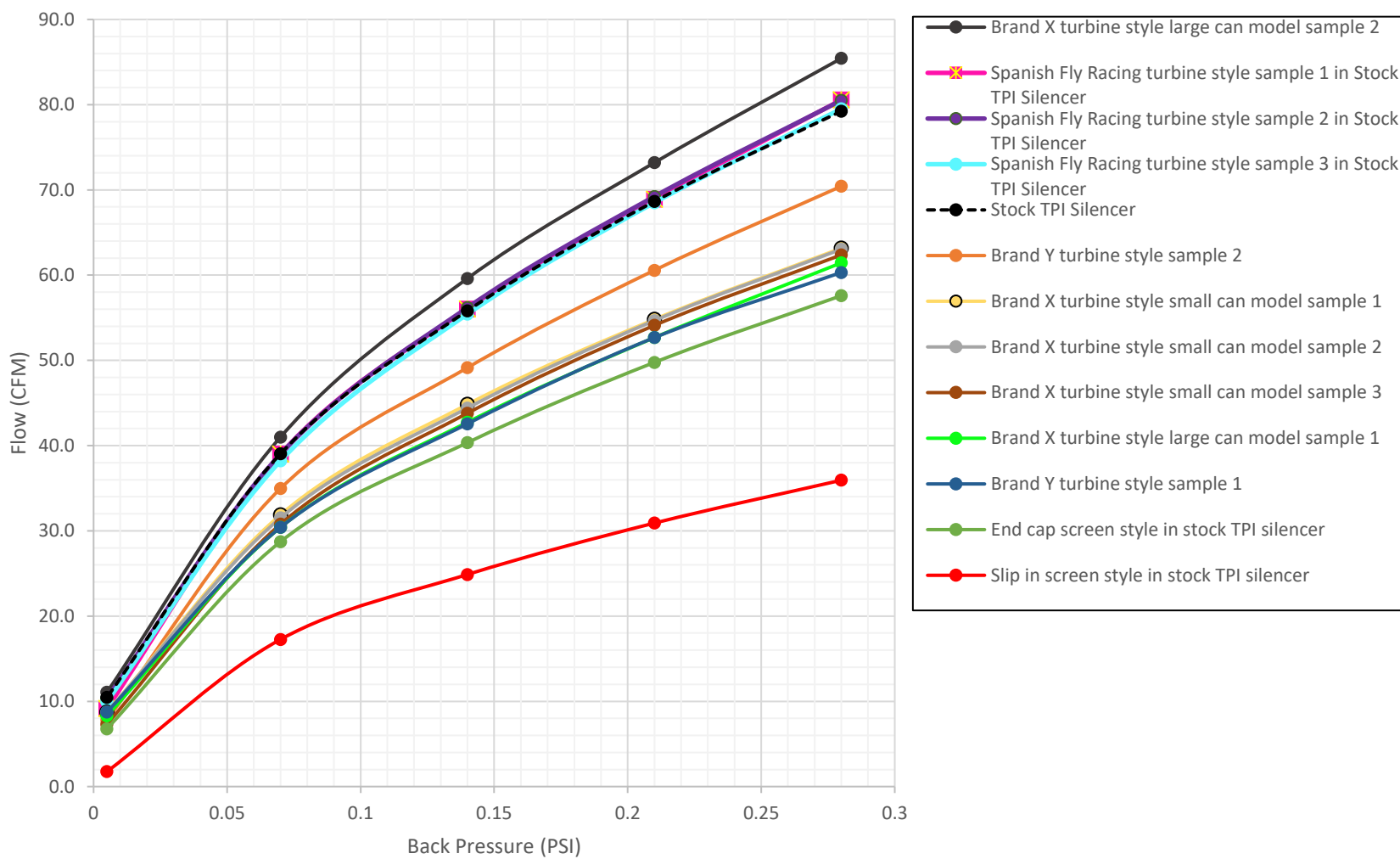


Silencer Flow (CFM) as a Funtion of Back Pressure (PSI)



Testing Notes:

Test data repeatability +/-0.19 CFM (mean std. dev. – Based on test method gauge R&R study).
 Why air flow test range of 0-90 Cubic Feet per Minute (CFM) is relevant: A stock KTM 300cc two stroke makes roughly 54 peak H.P. at roughly 8,500 RPM. So at 8,500 RPM it is pumping roughly 81CFM of air (simple volume displacement calc.) so the 0-90 CFM range covers the entire engine RPM operating range.
 All screen type spark arrestors tested were brand new and clean.