



# Application - All Motors

## Head Loss From Flow Past Motor

Table 7 lists the approximate head loss due to flow between an average length motor and smooth casing or flow inducer sleeve.

**TABLE 7 Head Loss in Meters at Various Flow Rates**

Motor Diameter	4"	4"	4"	6"	6"	6"	8"	8"	
Casing ID in mm	102	127	152	152	178	203	206	254	
Flow Rate in l/m	95	0.09							
	189	0.37							
	378	1.4	0.09		0.52				
	568	3.1	0.18	0.06	1.1				
	757		0.34	0.12	1.9	0.15		2.1	
	946		0.55	0.21	2.9	0.24		3.2	
	1136		0.75	0.3	4.1	0.37	0.06	4.5	
	1514				7.2	0.61	0.12	7.5	
	1893					0.94	0.21	11.4	0.2
	2271					1.3	0.3	15.9	0.3
	3028								0.5
	3785								0.7