

FHC Fan Range Details

The "Finna High Pressure Fan C" fan range is a Backward incline Centrifugal fan capable of producing high volumes with high pressures.

FHC duty range

- Volumes up to 140,000 m³/hr
- Pressures up to 6,500 Pa

FHC fan sizes range from

- 250 mm - 1250 mm as standard.

Fan casing materials

- Polypropylene
- Fire Retardant Polypropylene
- UPVC
- UPVC/FRP
- PVDF
- PVDF/FRP

Impeller materials

- UPVC
- Polypropylene
- PVDF

Steelwork

- Mild steel / galvanized as standard

Fixings

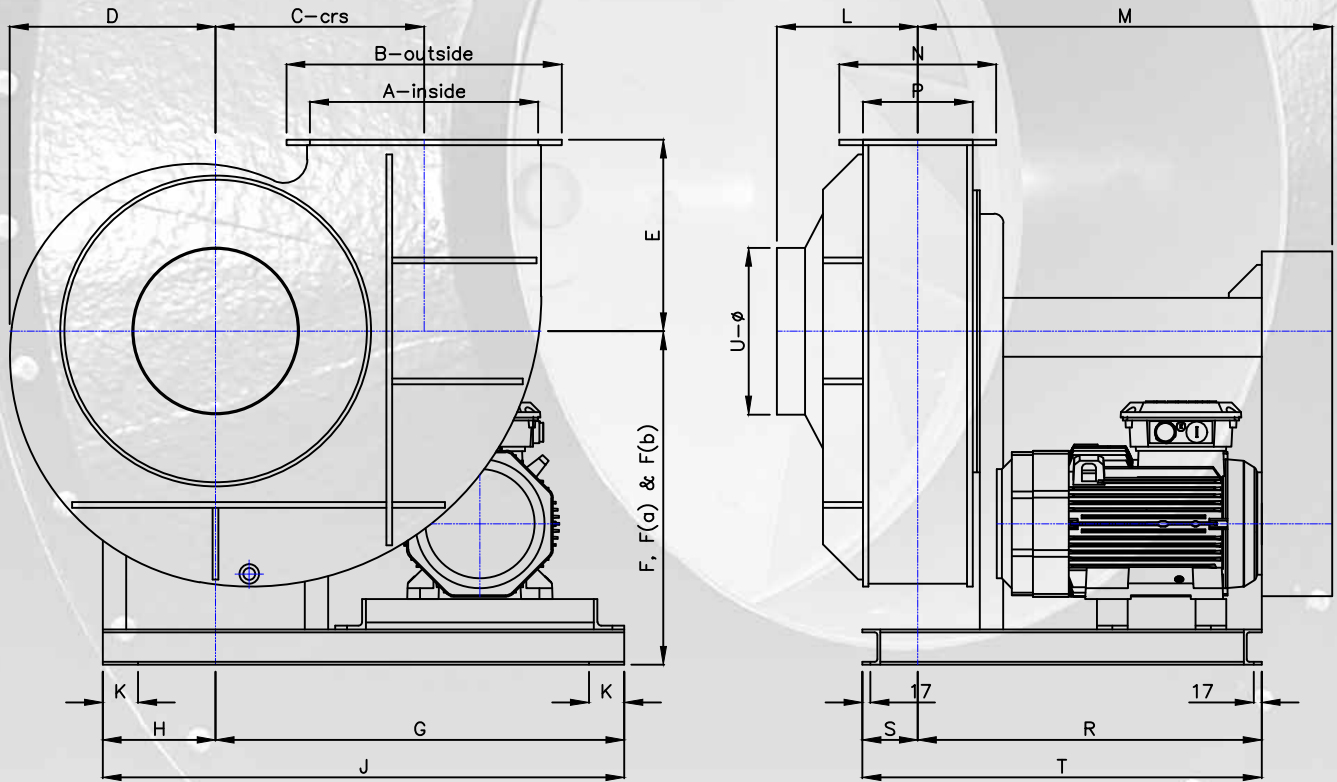
- A2 stainless steel minimum

Performance data

- In accordance with BS EN ISO 5801
- Category D test. Ducted inlet, ducted outlet
- Witness testing available upon request

FHC 250 - 355 Dimension Details

Dimensions



F = Standard centre line height

F (a) = R45 and L45 handings

F (b) = R0 and L0 handings

See page 4 for flange details

Drain threaded socket - 0.75" BSP std

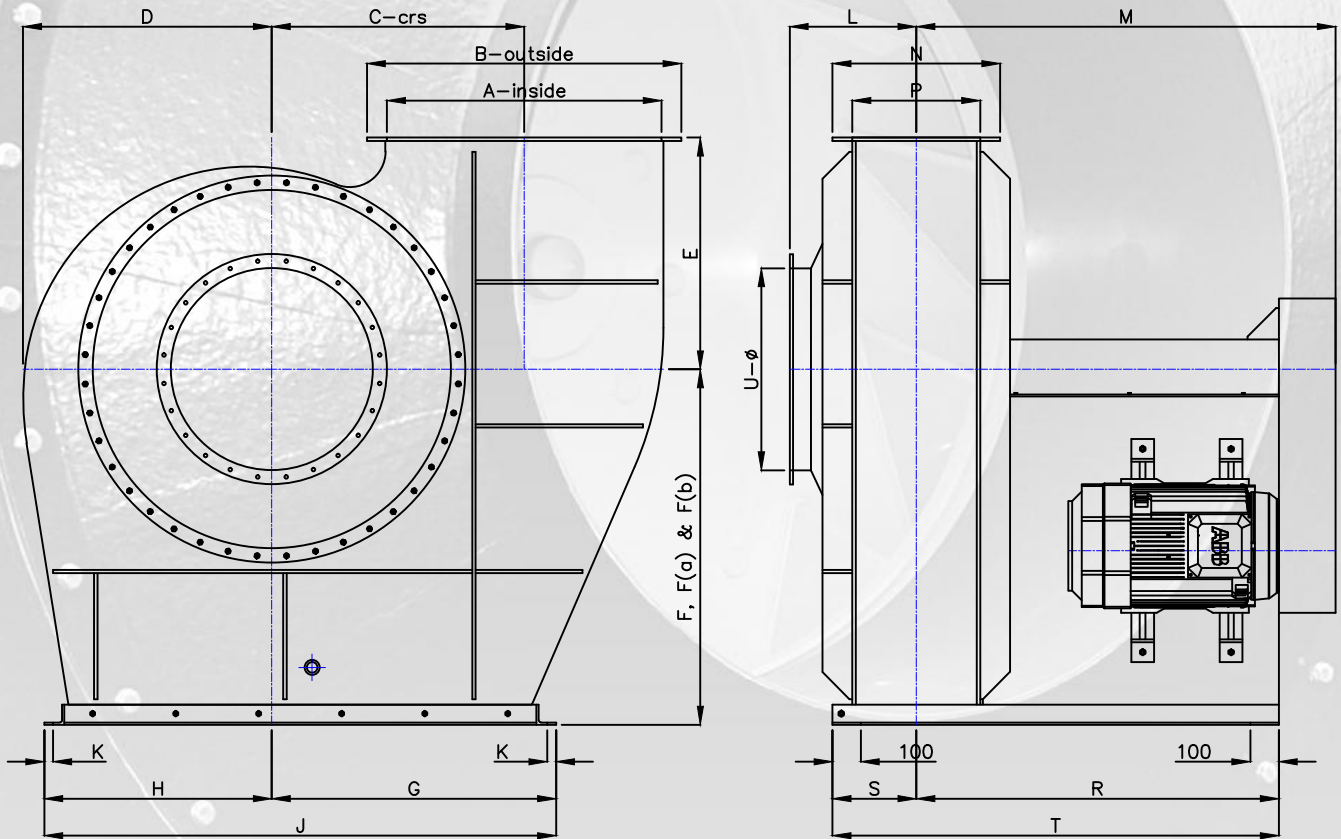
4 off 11mm fixing holes

Dimension details

Fan Size	A	B	C	D	E	F	F(a)	F(b)	G	H	J	K	L	M	N	P	R	S	T	U
FHC 250	345	445	312	383	280	550	600	650	670	160	830	75	250	665	269	169	515	85	600	250
FHC 315	432	532	393	388	360	650	700	800	825	200	1025	75	275	796	308	208	646	104	750	315
FHC 355	486	586	444	438	400	710	800	850	870	240	1110	75	300	882	334	234	733	117	850	355

FHC 400 - 1250 Dimension Details

Dimensions



F = Standard centre line height

F (a) = R45 and L45 handings

F (b) = R0 and L0 handings

See page 4 & 5 for flange details

Drain threaded socket - 1.0" BSP std

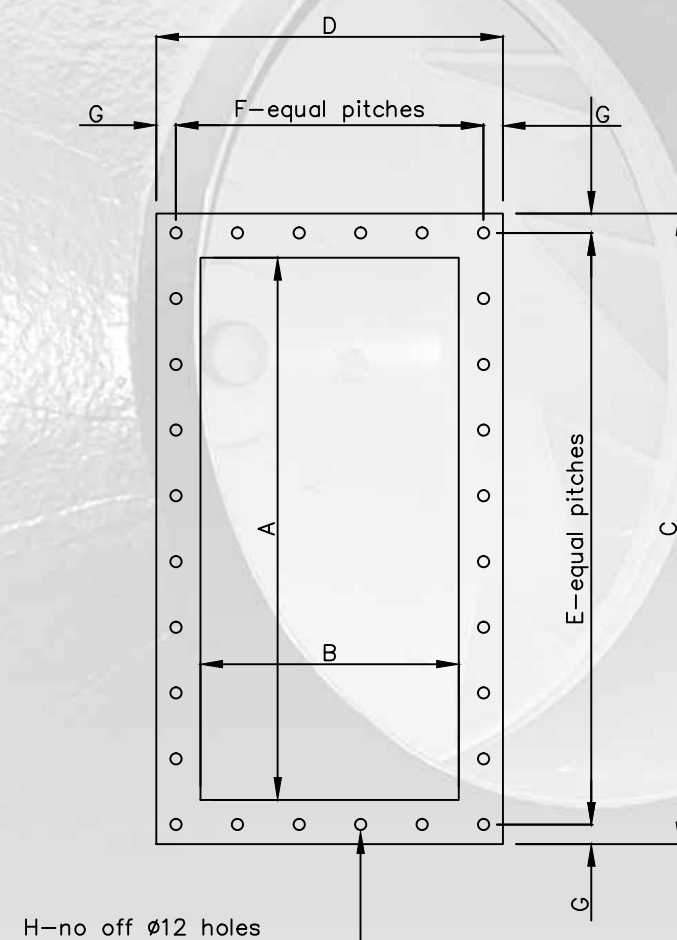
4 off 13mm dia fixing holes

Dimension Details

Fan Size	A	B	C	D	E	F	F(a)	F(b)	G	H	J	K	L	M	N	P	R	S	T	U
FHC 400	546	646	500	493	460	760	840	940	600	450	1050	22	330	1019	361	261	819	181	1000	400
FHC 450	613	713	562	555	515	840	930	1030	650	500	1150	22	360	1104	392	292	904	196	1100	450
FHC 500	680	780	625	616	570	900	1000	1130	750	550	1300	22	380	1209	422	322	1009	211	1220	500
FHC 560	760	900	700	690	640	1000	1120	1250	850	630	1480	22	420	1221	498	358	1021	229	1250	560
FHC 630	858	998	788	776	725	1120	1250	1400	950	730	1680	31	460	1429	541	401	1229	271	1500	630
FHC 710	966	1106	888	875	815	1250	1400	1500	1000	800	1800	31	485	1475	590	450	1275	295	1570	710
FHC 800	1086	1226	1000	986	920	1400	1570	1750	1100	900	2000	31	530	1497	645	505	1297	323	1620	800
FHC 900	1220	1360	1125	1109	1030	1550	1700	1900	1200	1000	2200	31	580	1517	706	566	1317	353	1670	900
FHC 1000	1355	1495	1250	1233	1150	1750	1950	2150	1300	1100	2400	36	630	1557	766	626	1357	393	1750	1000
FHC 1120	1517	1657	1387	1368	1290	1950	2150	2400	1400	1200	2600	36	700	1769	841	701	1569	431	2000	1120
FHC 1250	1692	1832	1547	1526	1380	2150	2350	2650	1500	1300	2800	36	775	1829	922	782	1629	471	2100	1250

FHC 250 - 1250 Outlet Flange Details

Dimensions

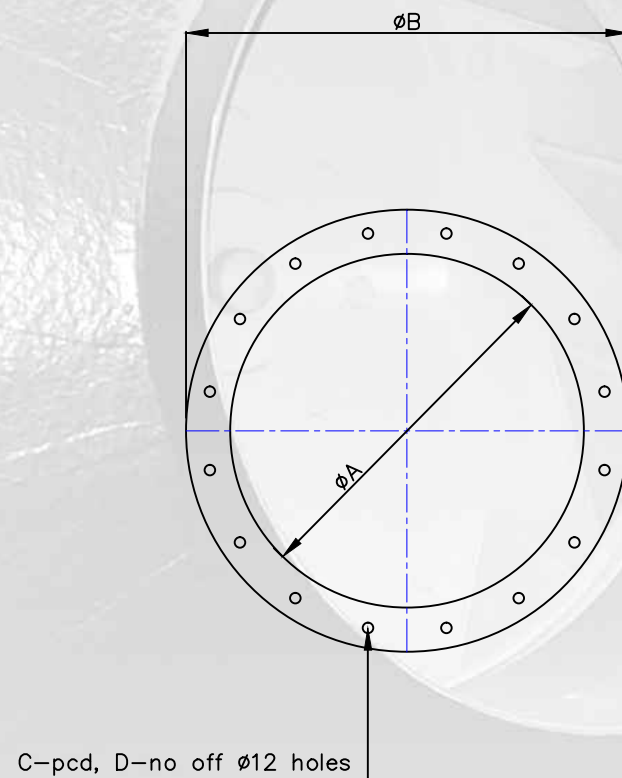


Dimension Details

Fan Size	A	B	C	D	E	F	G	H
FHC 250	345	169	445	269	6	3	22	18
FHC 315	432	208	532	308	7	4	22	22
FHC 355	486	234	586	334	7	4	22	22
FHC 400	546	261	646	361	8	4	22	24
FHC 450	613	292	713	392	9	5	22	28
FHC 500	680	322	780	422	10	5	22	30
FHC 560	760	358	900	498	11	6	32	34
FHC 630	858	401	998	541	12	6	32	36
FHC 710	966	450	1106	590	14	7	32	42
FHC 800	1086	505	1226	645	15	8	32	46
FHC 900	1220	566	1360	706	17	9	32	52
FHC 1000	1355	626	1495	766	19	9	32	56
FHC 1120	1517	701	1657	841	19	10	32	58
FHC 1250	1692	782	1832	922	20	10	32	60

FHC 400 - 1250 Inlet Flange Details

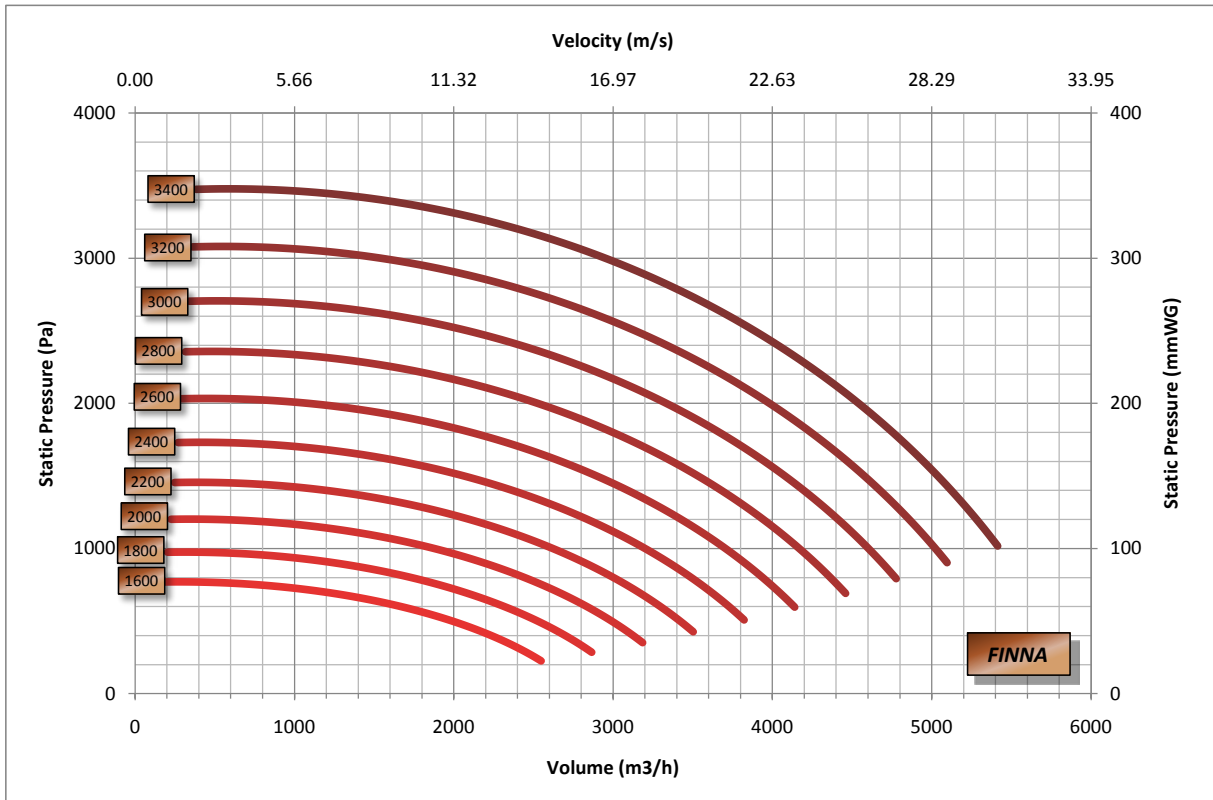
Dimensions



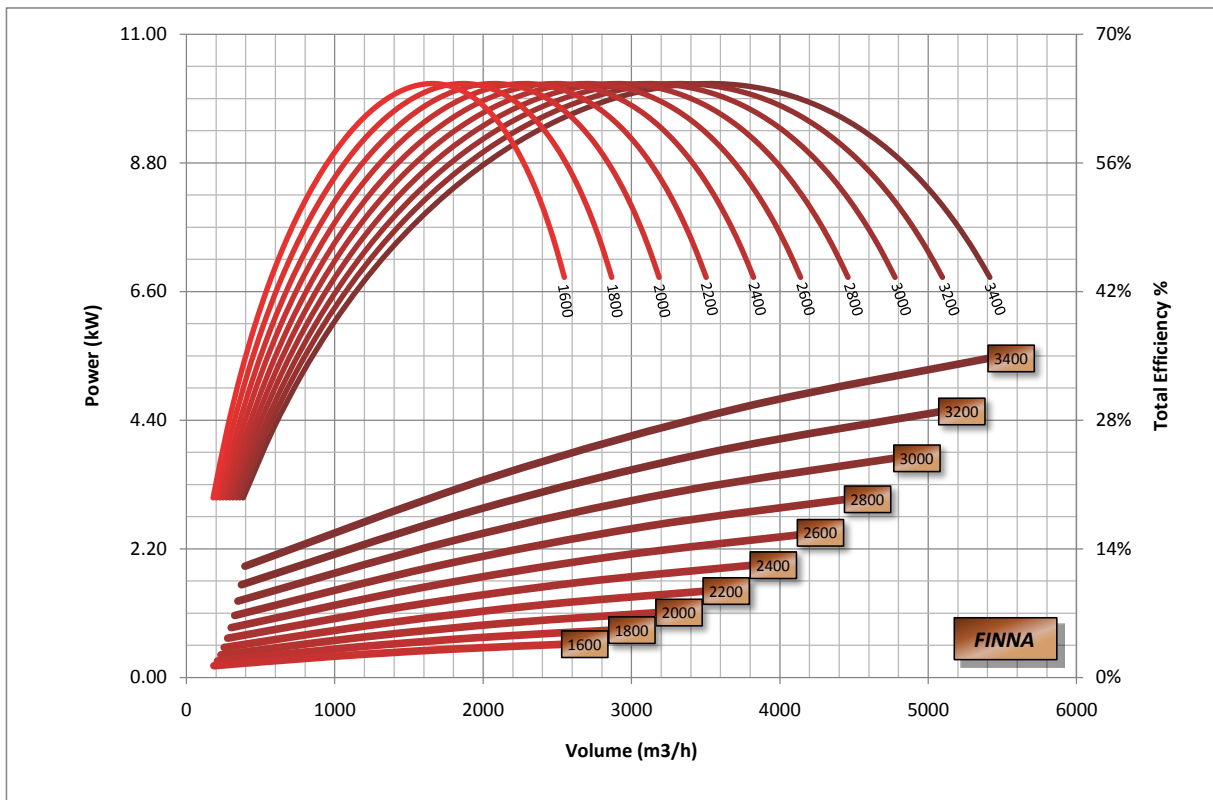
Dimension Details

Fan Size	A	B	C	D
FHC 400	400	500	455	16
FHC 450	450	550	505	16
FHC 500	500	600	555	16
FHC 560	560	660	615	20
FHC 630	630	730	685	20
FHC 710	710	810	765	24
FHC 800	800	940	875	24
FHC 900	900	1040	975	28
FHC 1000	1000	1140	1075	32
FHC 1120	1120	1260	1195	36
FHC 1250	1250	1390	1325	40

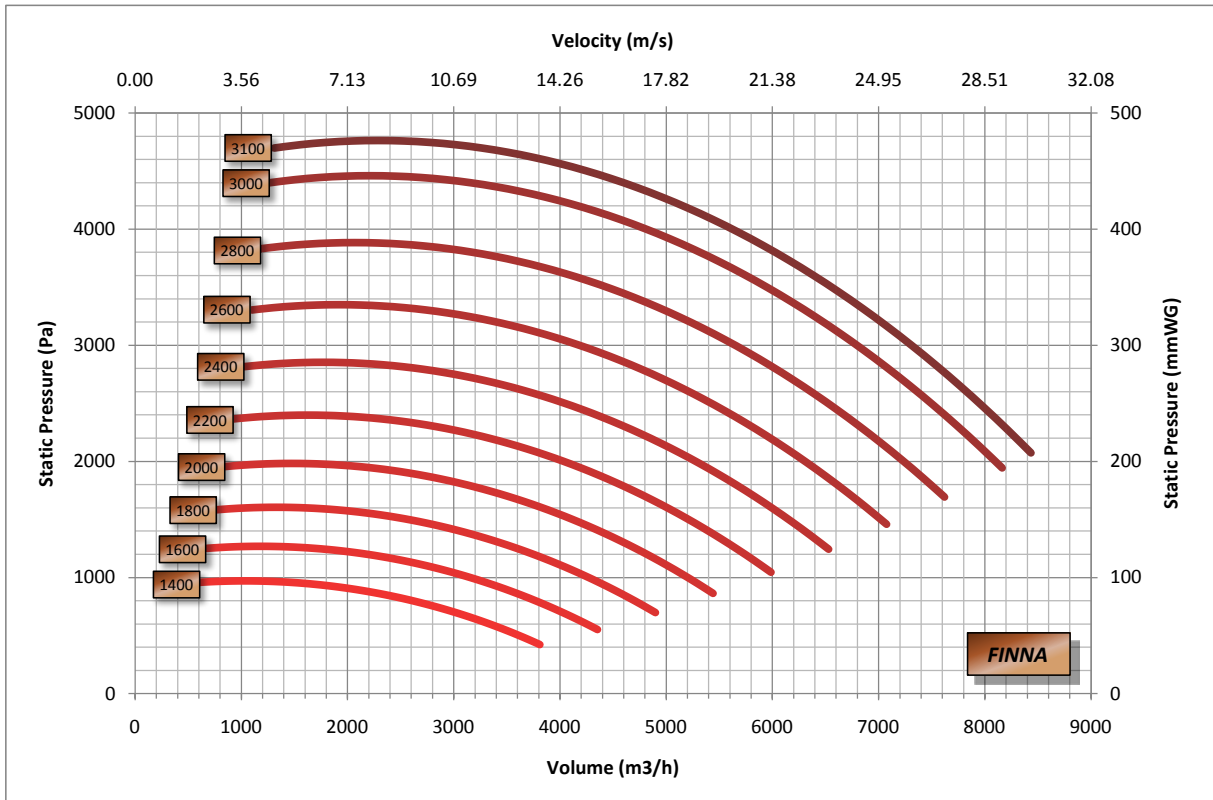
FHC 250 Performance Curve



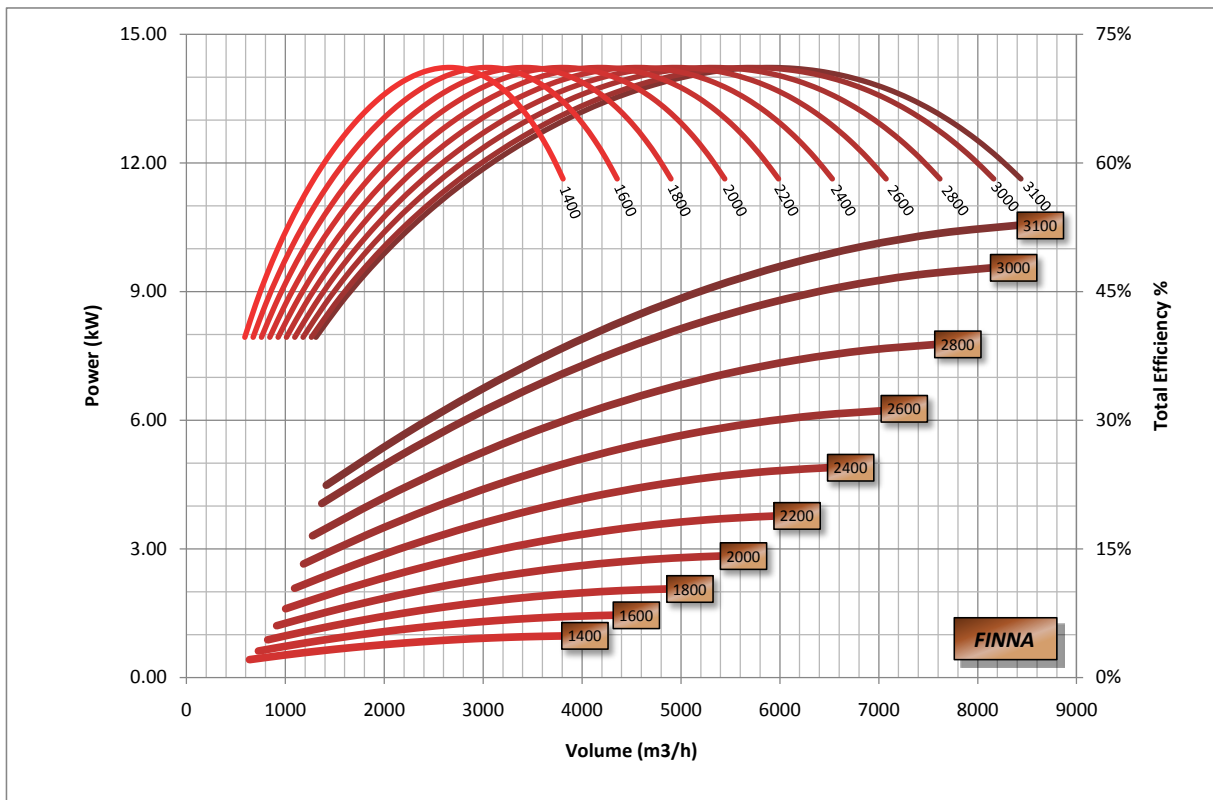
FHC 250 Power / Efficiency Curve



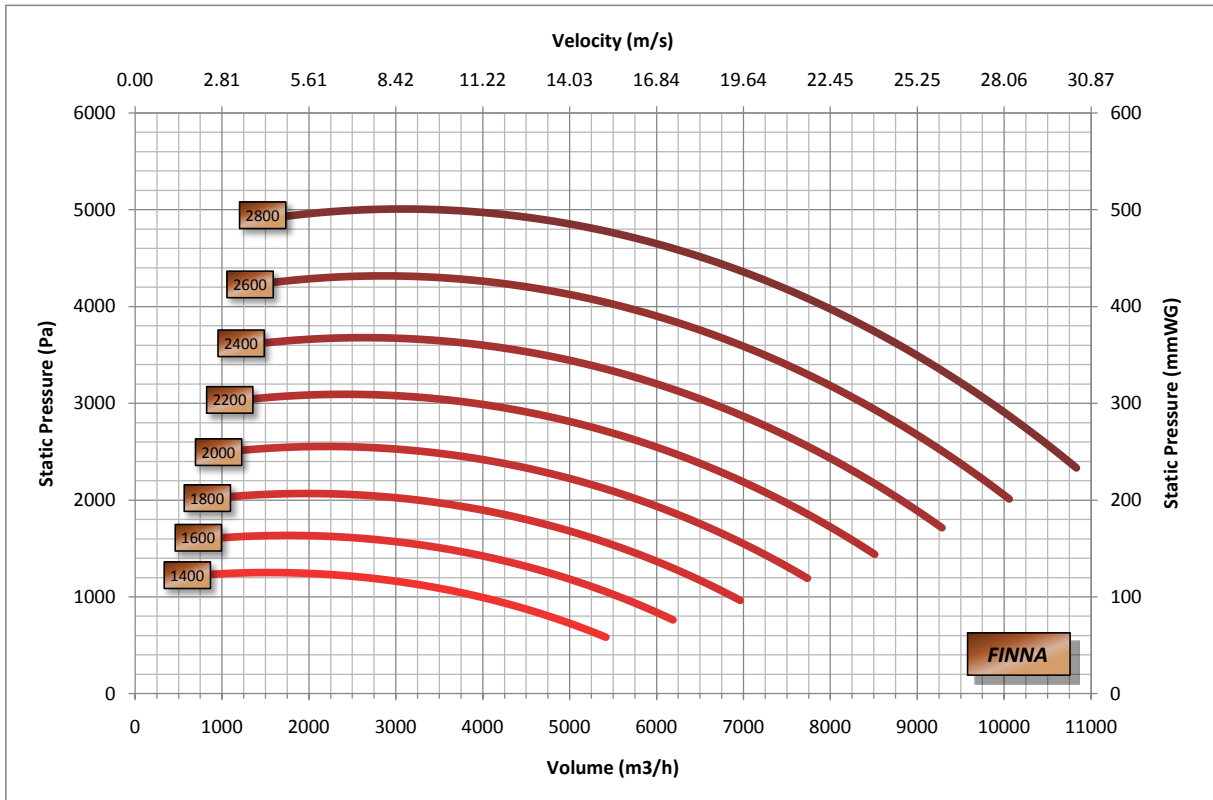
FHC 315 Performance Curve



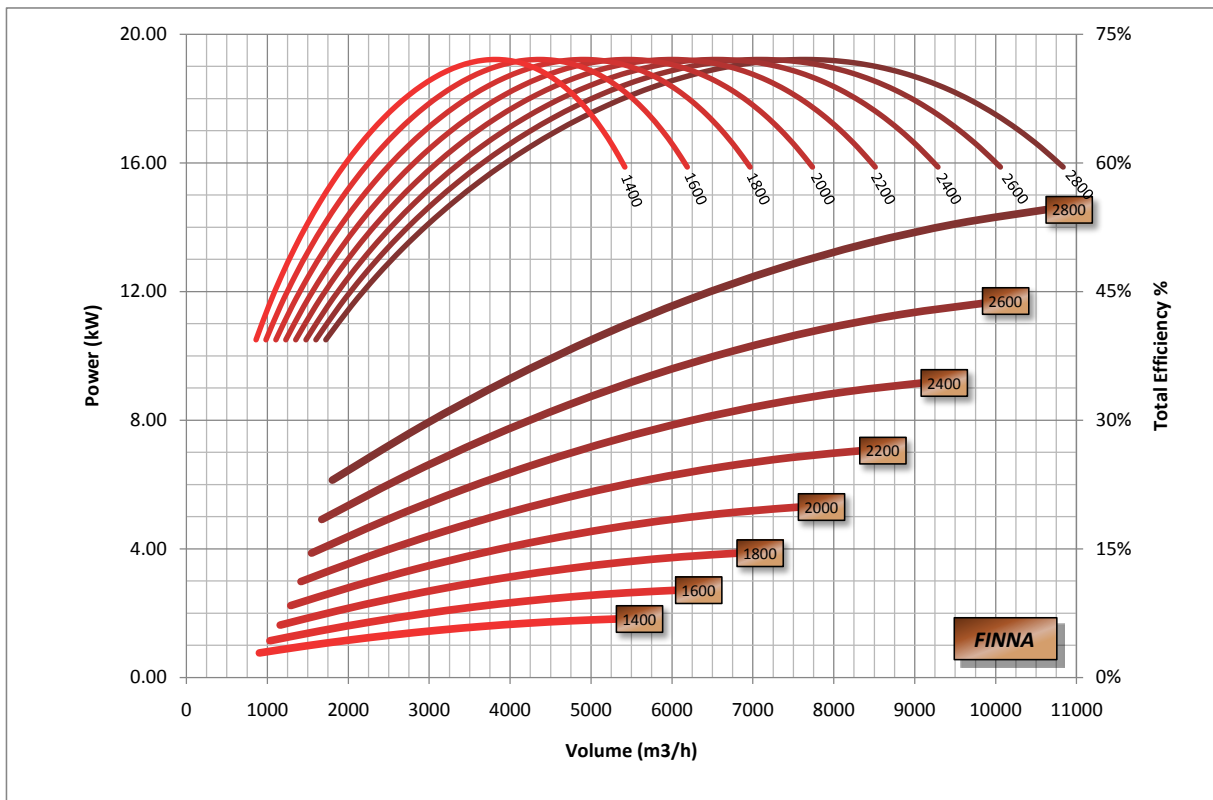
FHC 315 Power / Efficiency Curve



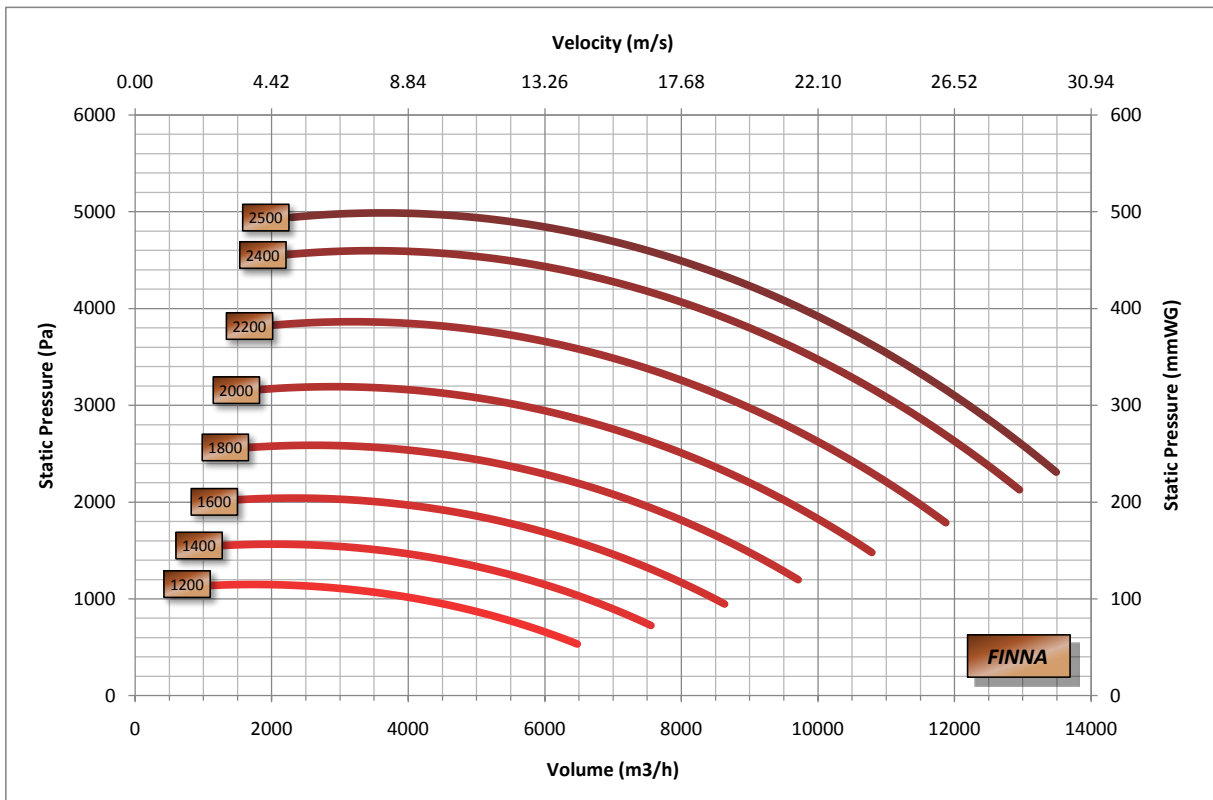
FHC 355 Performance Curve



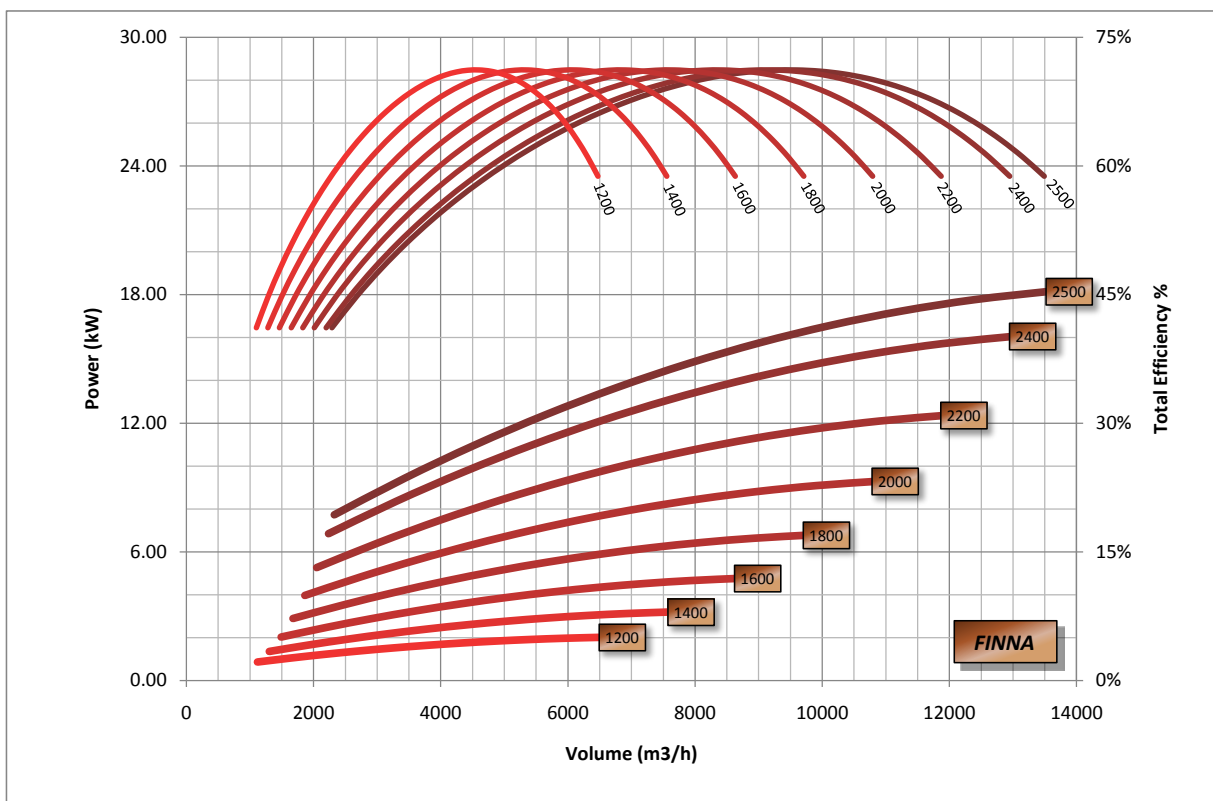
FHC 355 Power / Efficiency Curve



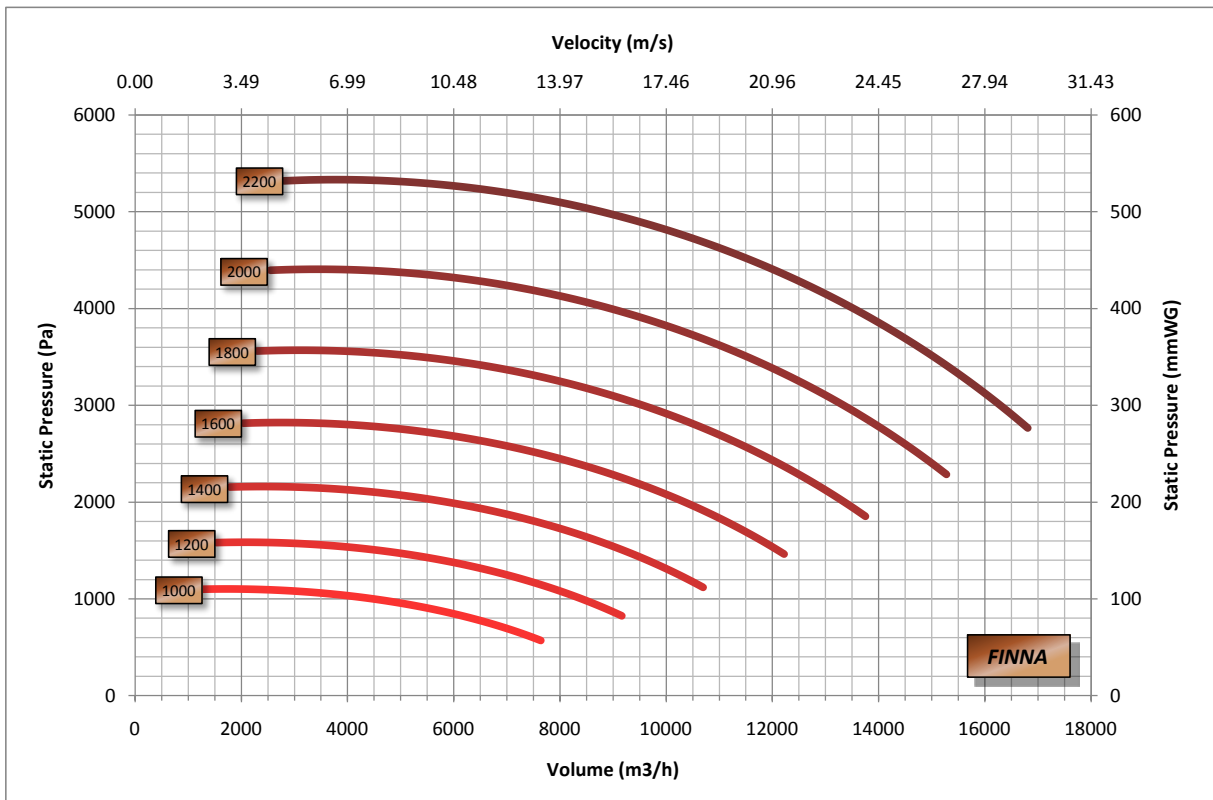
FHC 400 Performance Curve



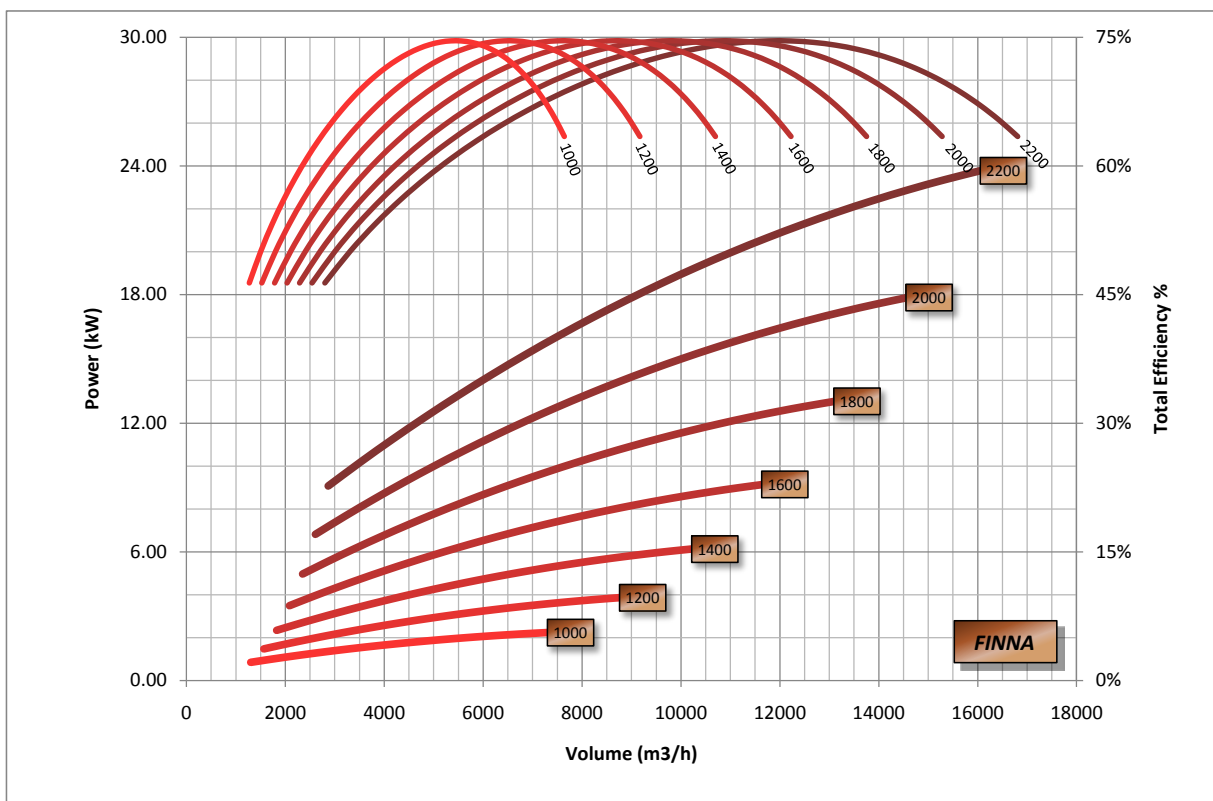
FHC 400 Power / Efficiency Curve



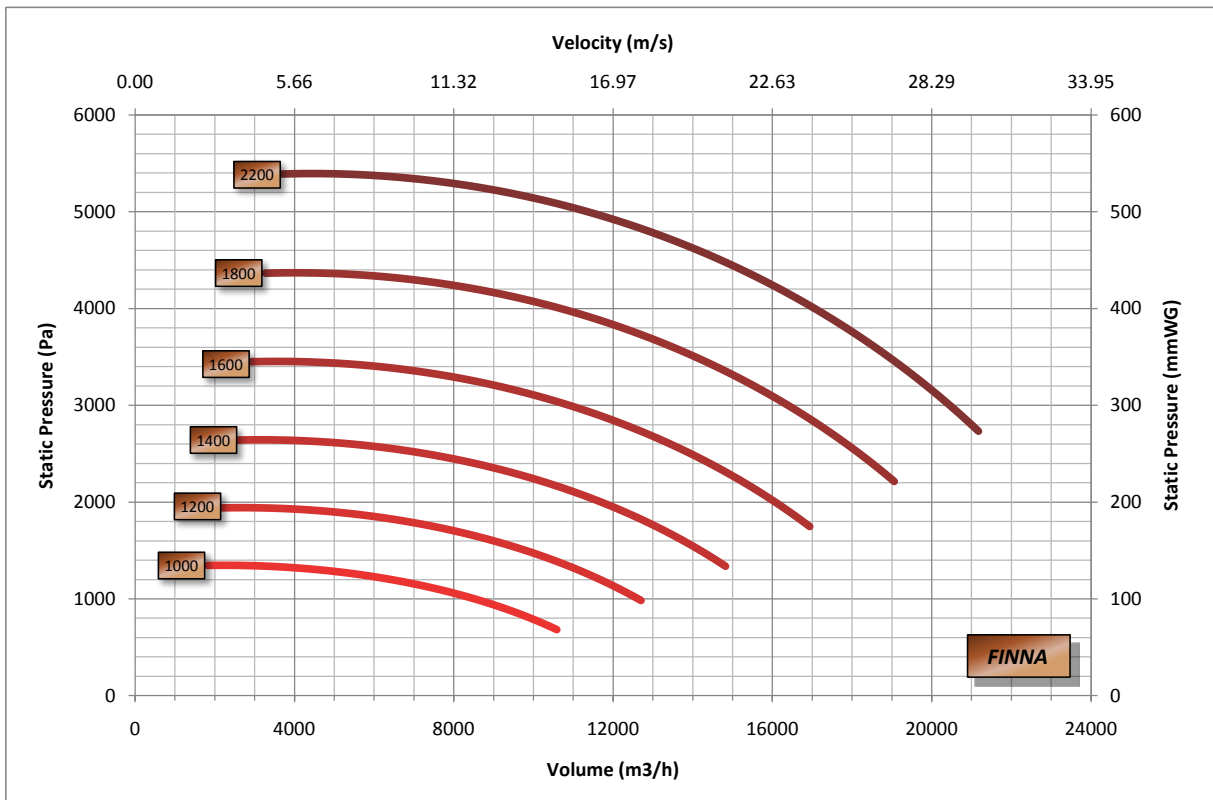
FHC 450 Performance Curve



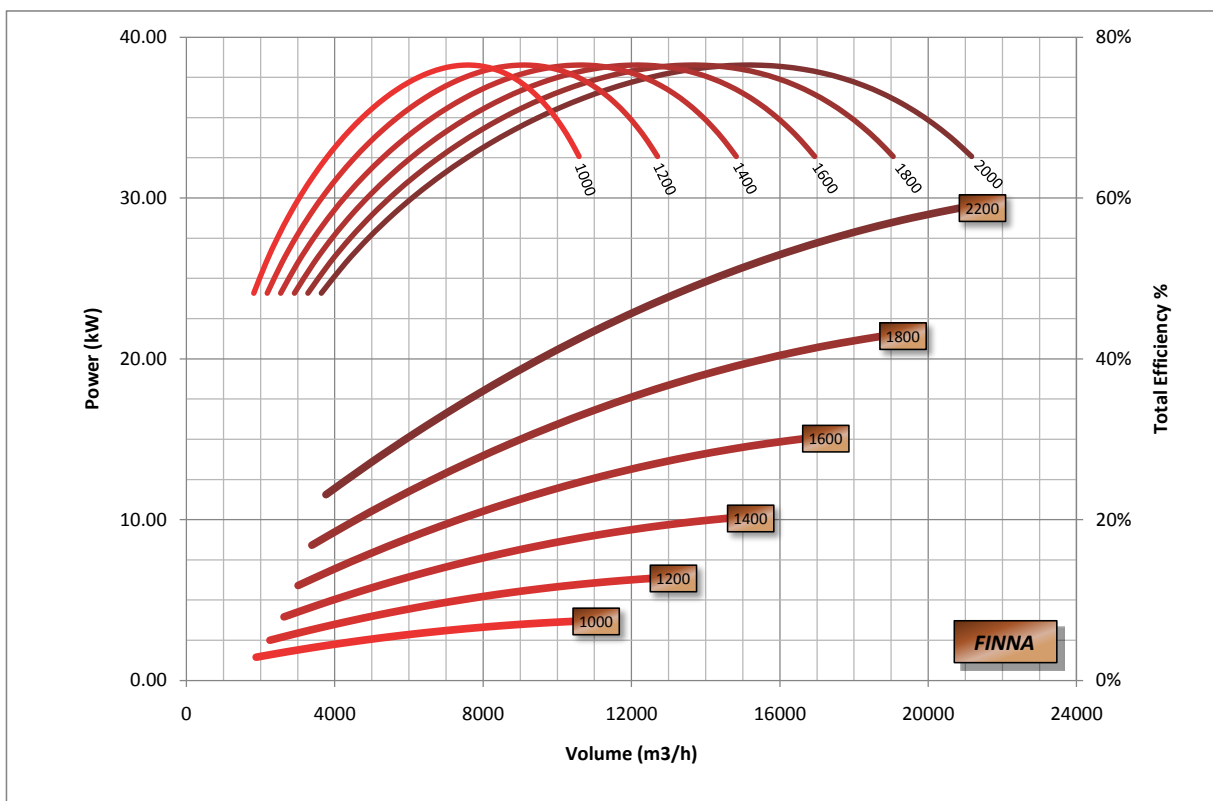
FHC 450 Power / Efficiency Curve



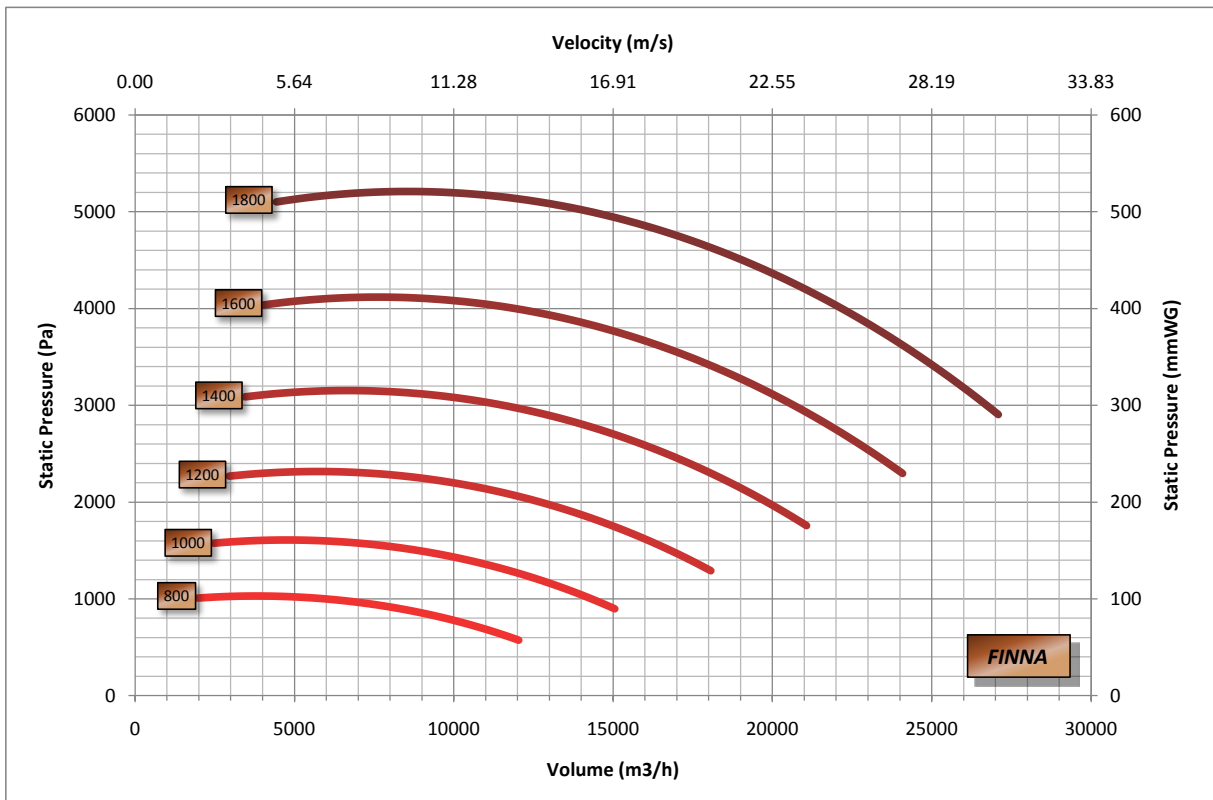
FHC 500 Performance Curve



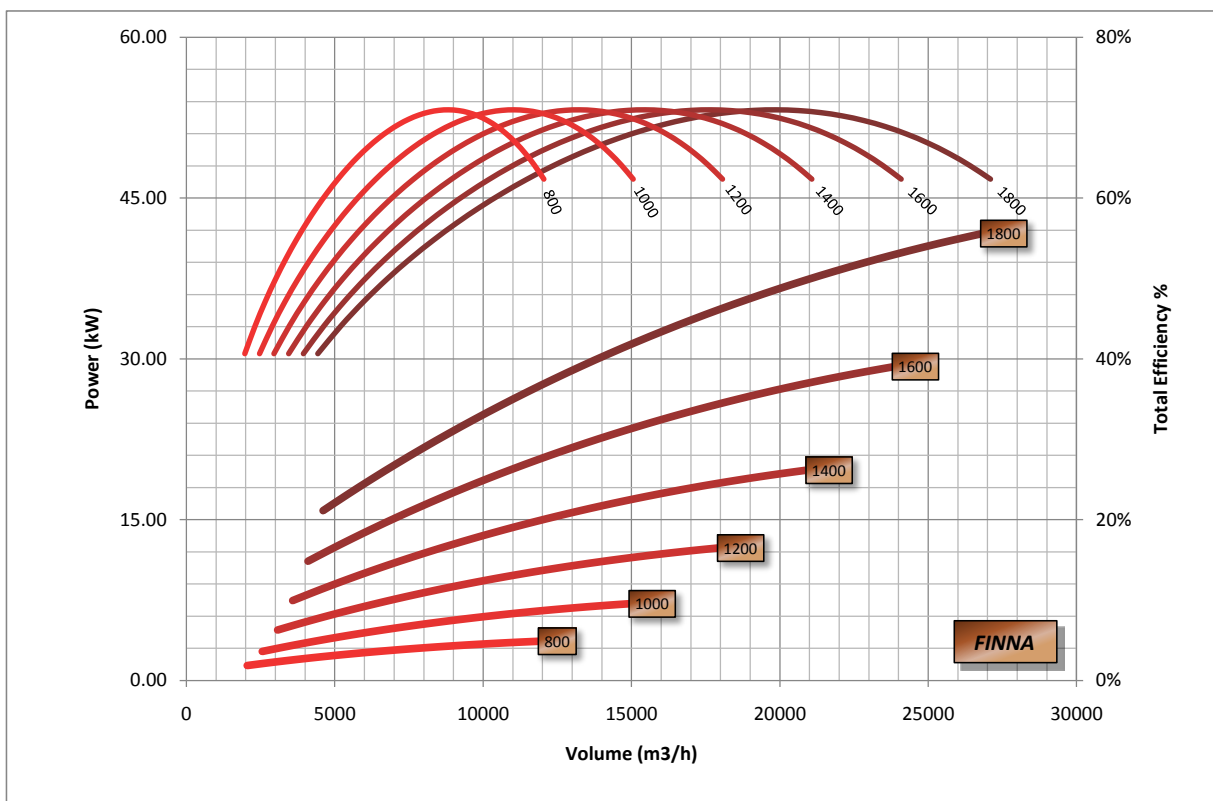
FHC 500 Power / Efficiency Curve



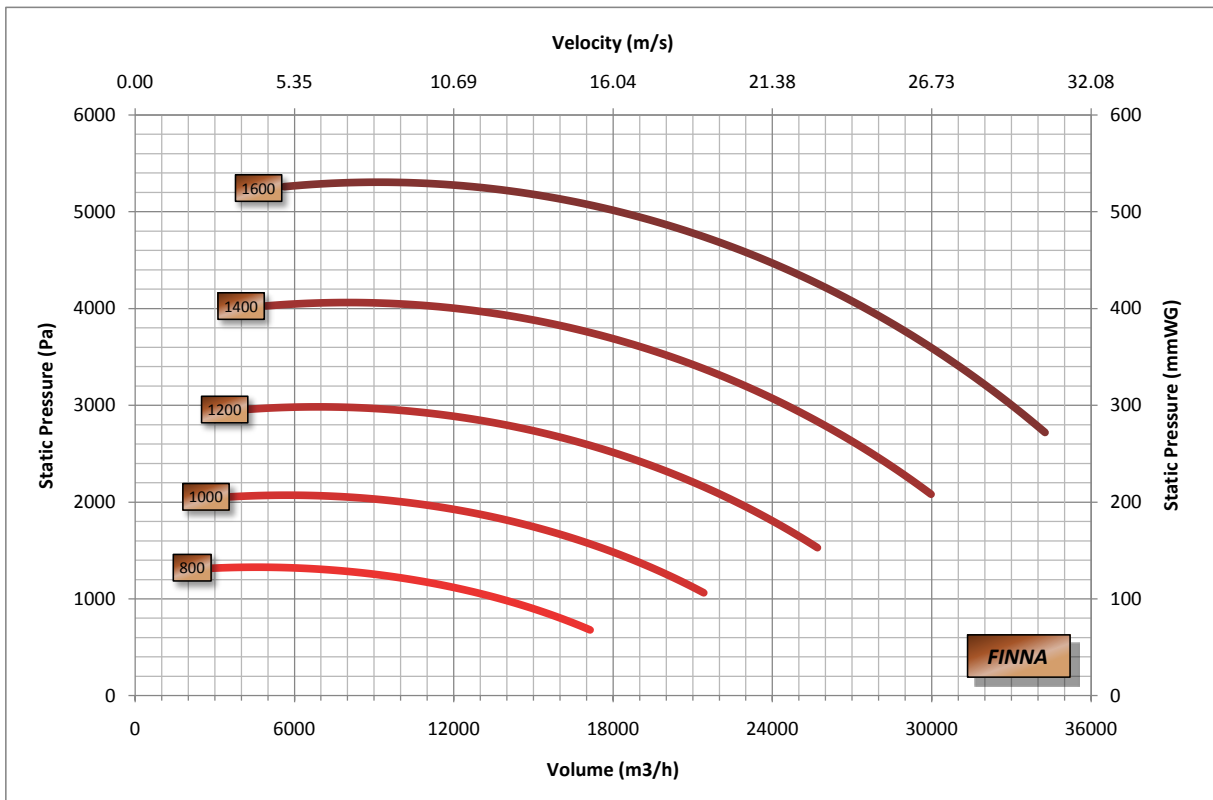
FHC 560 Performance Curve



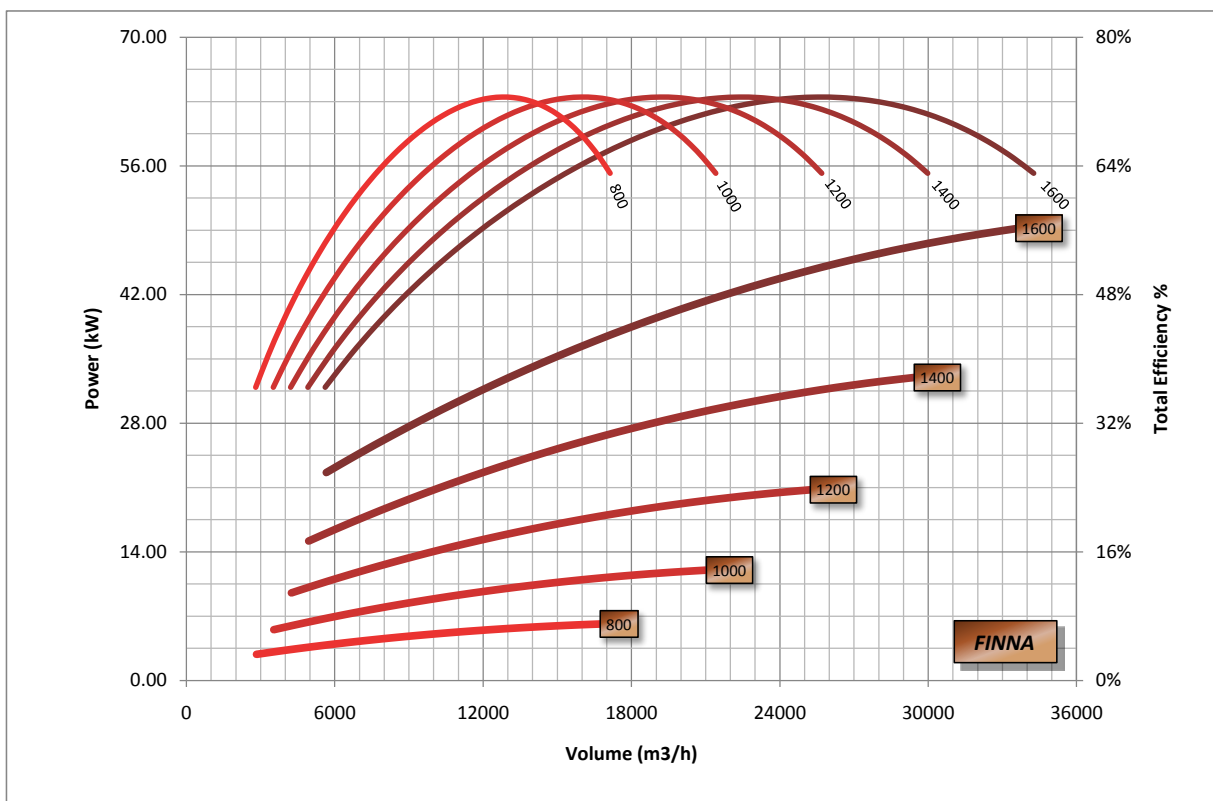
FHC 560 Power / Efficiency Curve



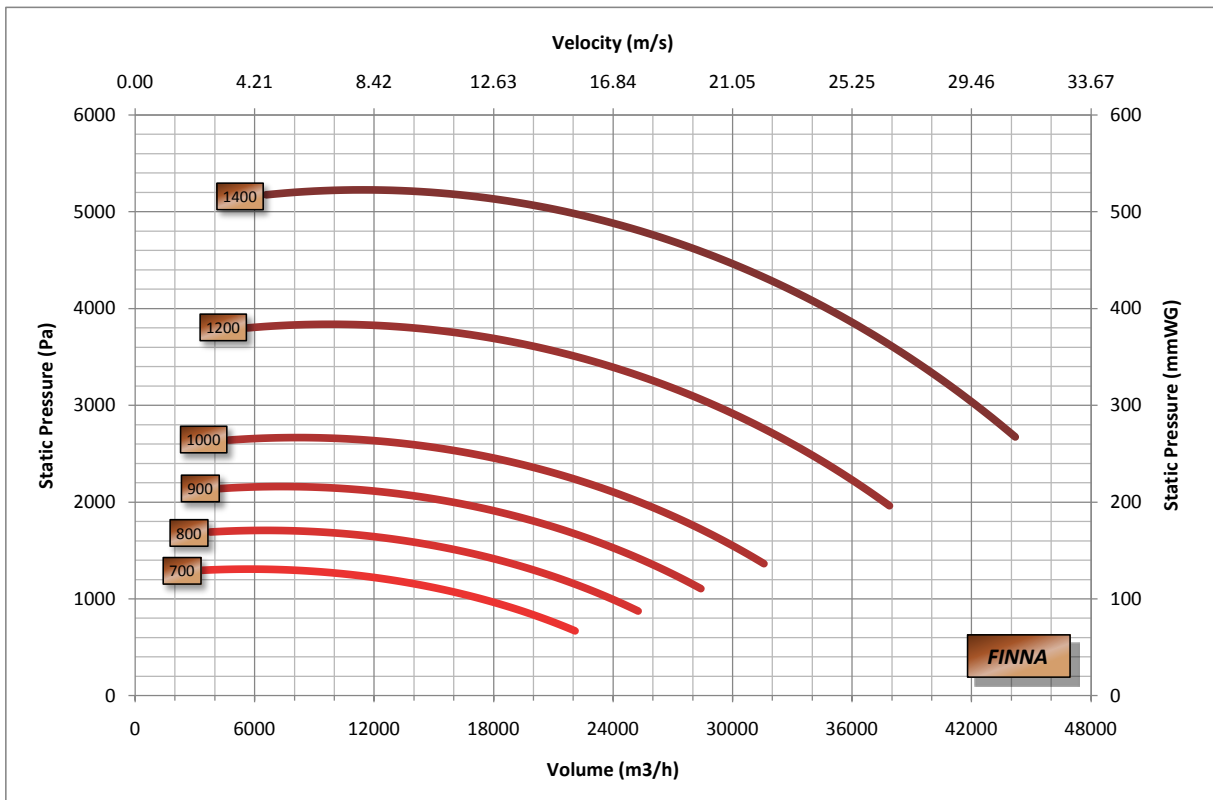
FHC 630 Performance Curve



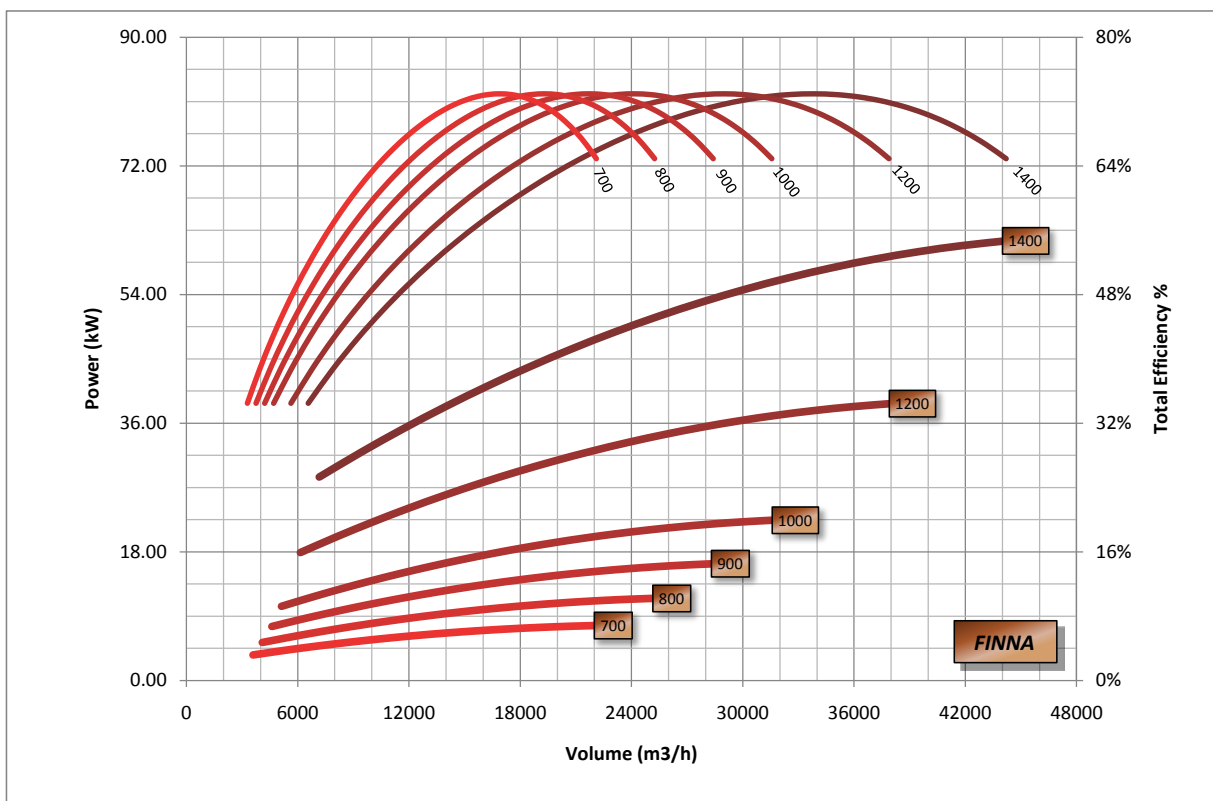
FHC 630 Power / Efficiency Curve



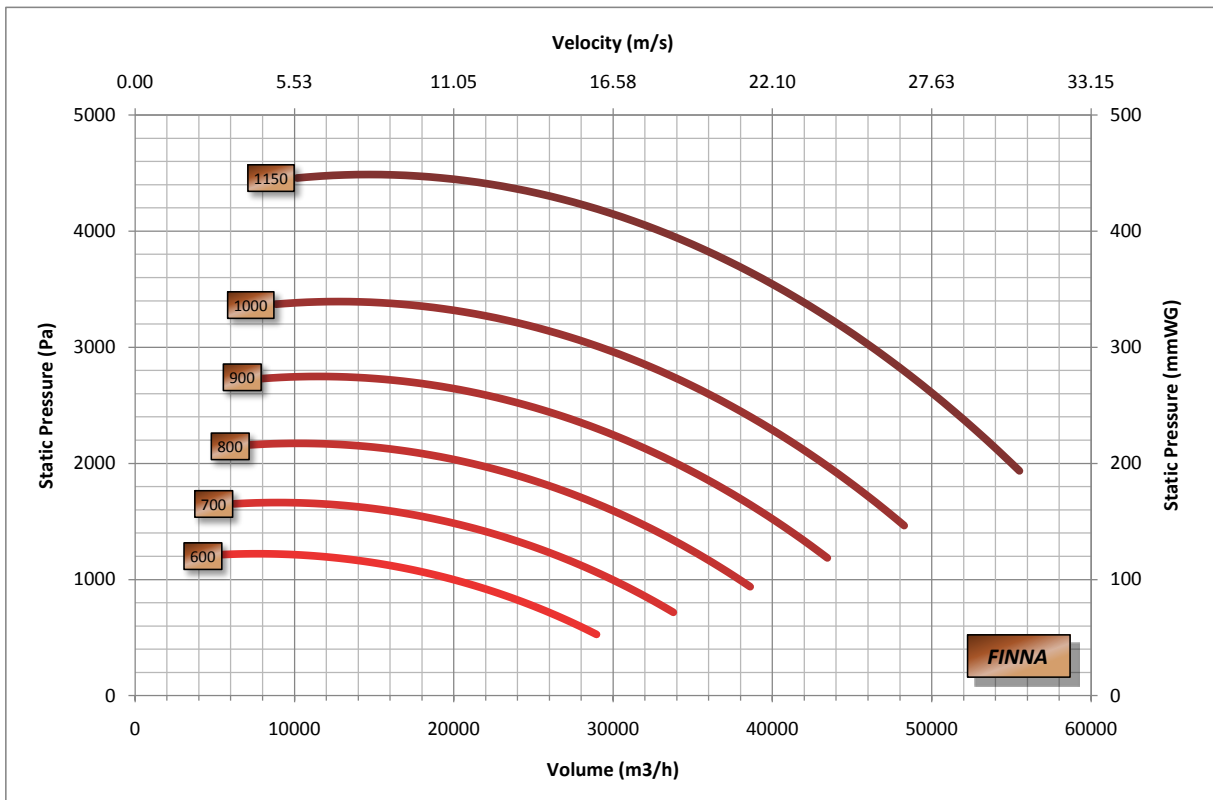
FHC 710 Performance Curve



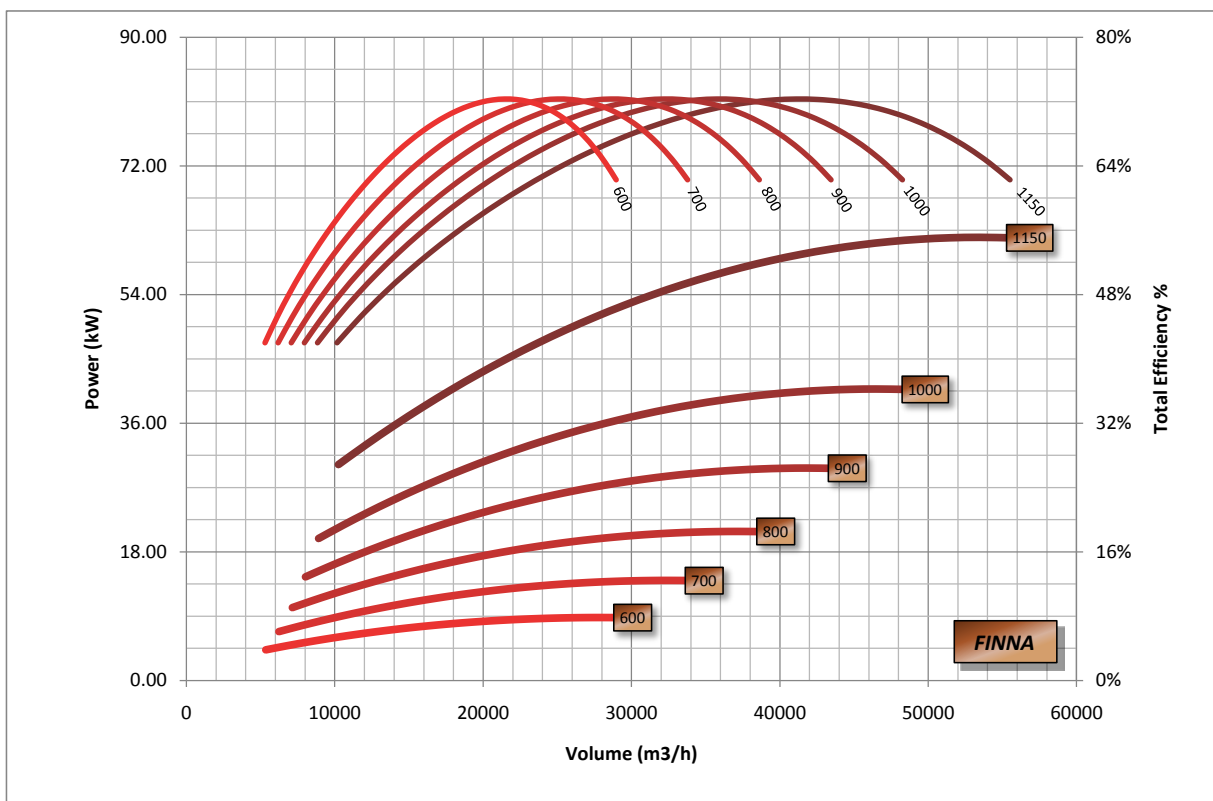
FHC 710 Power / Efficiency Curve



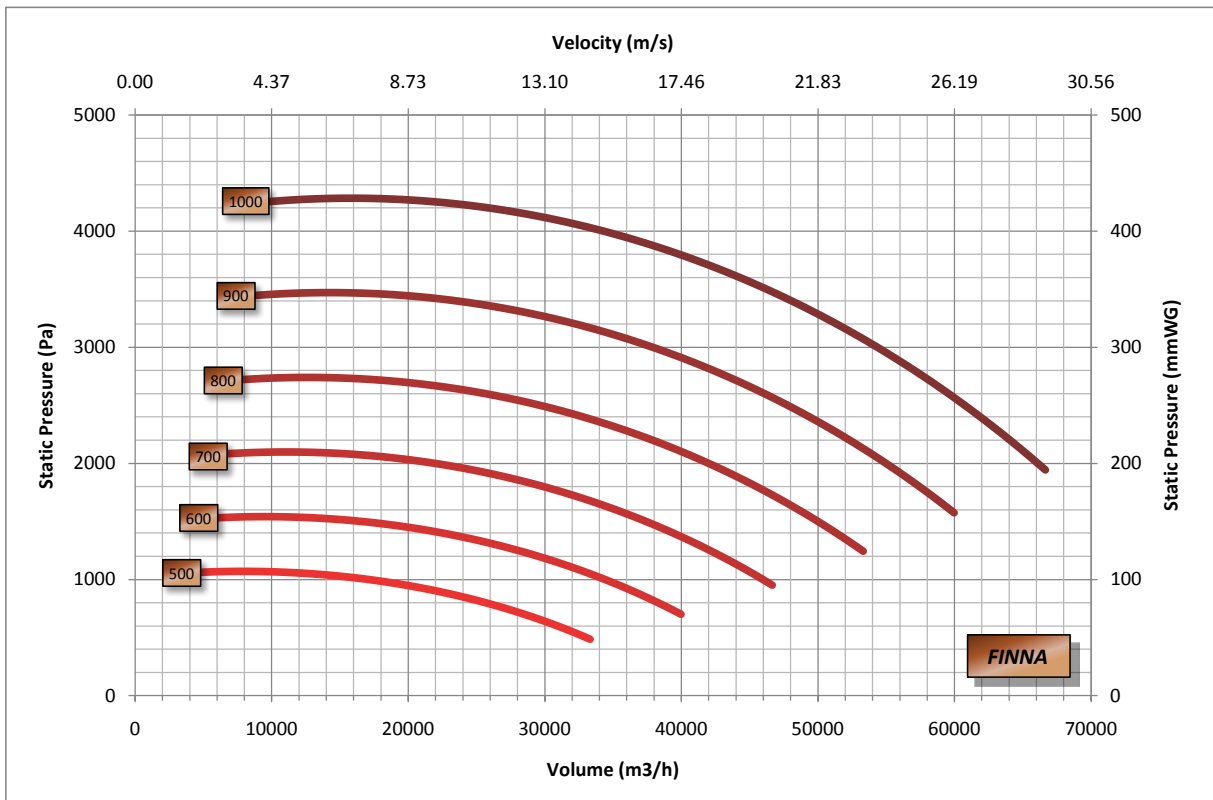
FHC 800 Performance Curve



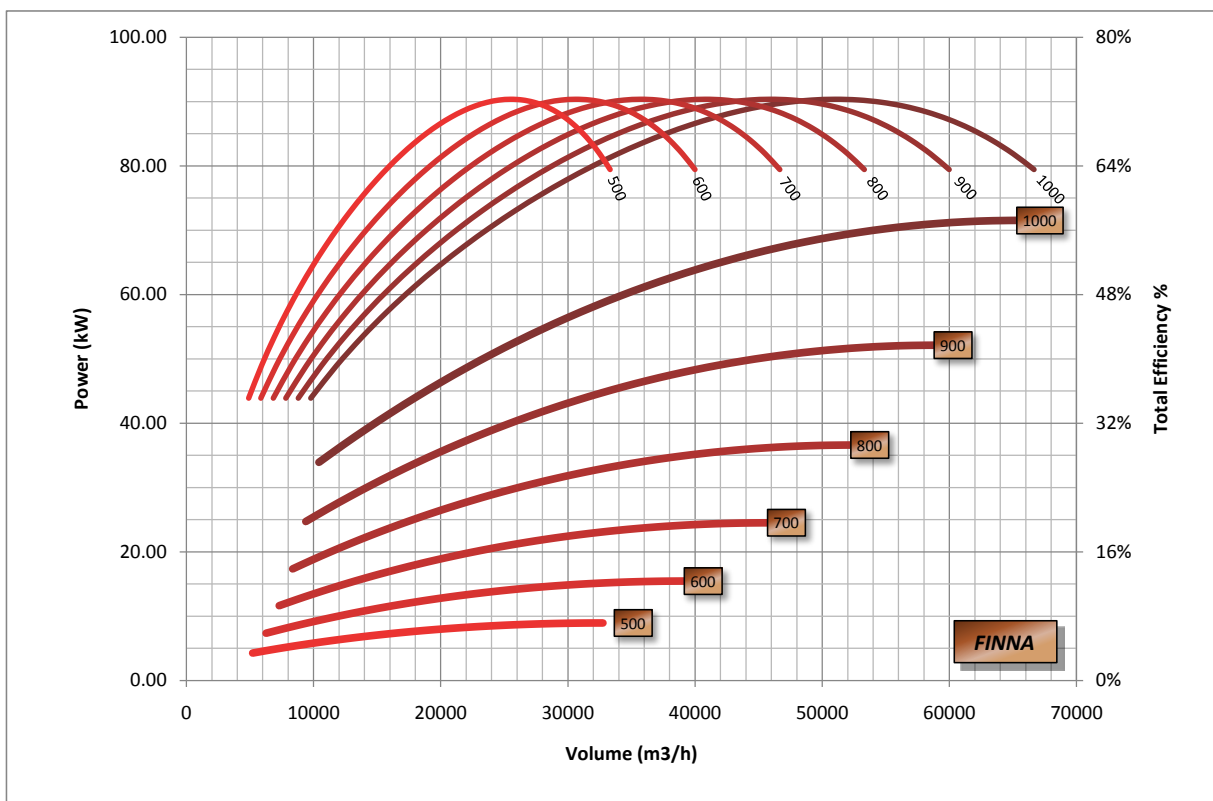
FHC 800 Power / Efficiency Curve



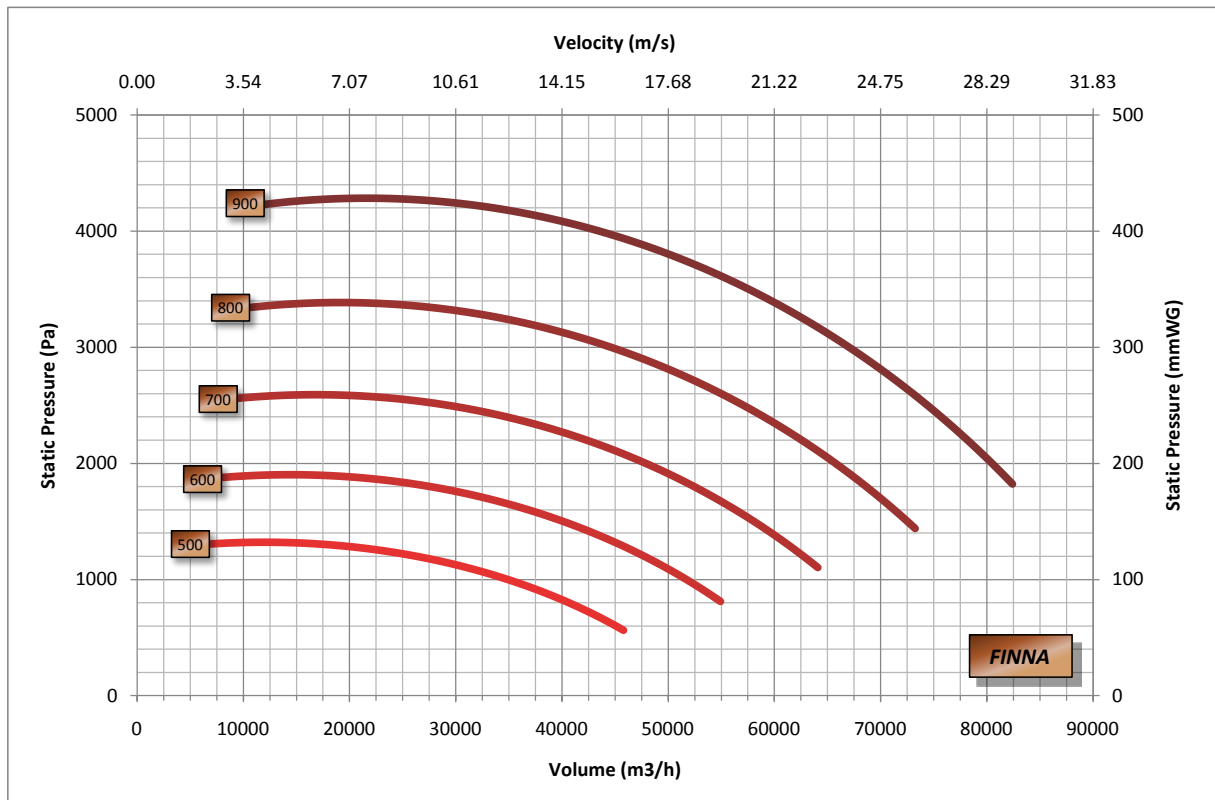
FHC 900 Performance Curve



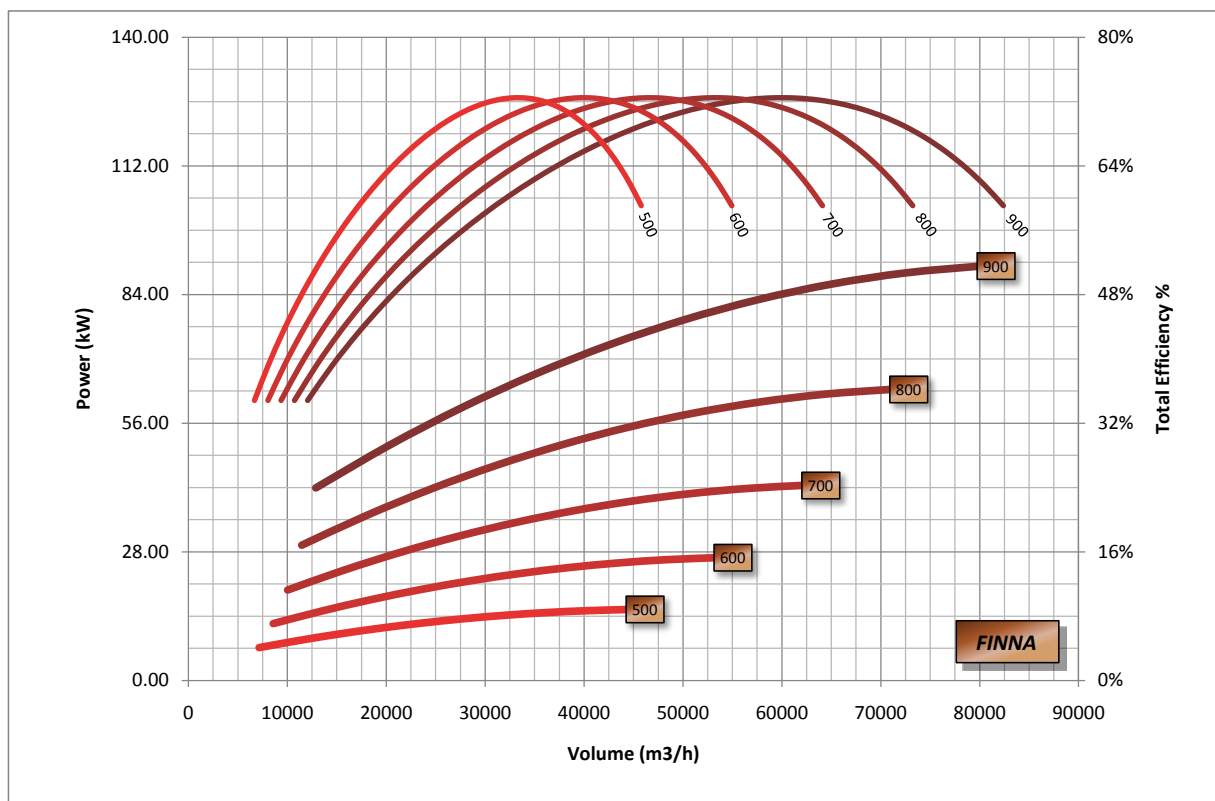
FHC 900 Power / Efficiency Curve



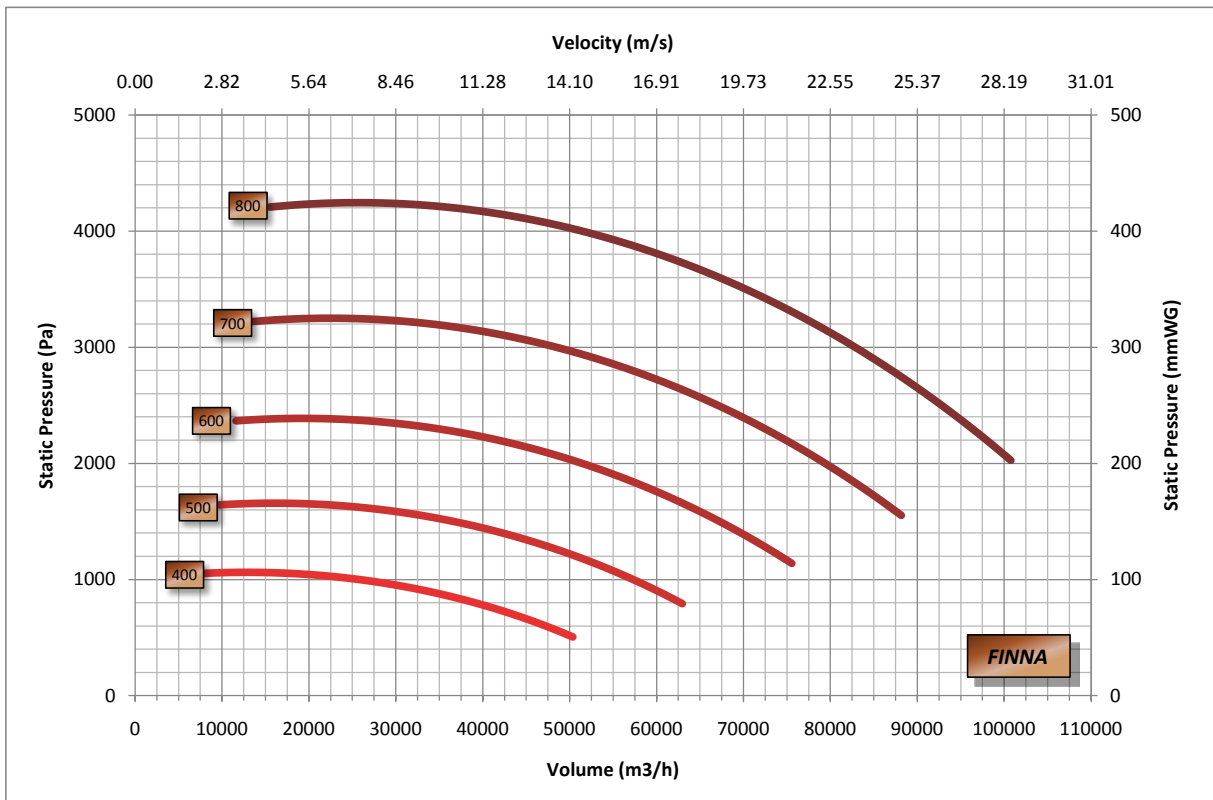
FHC 1000 Performance Curve



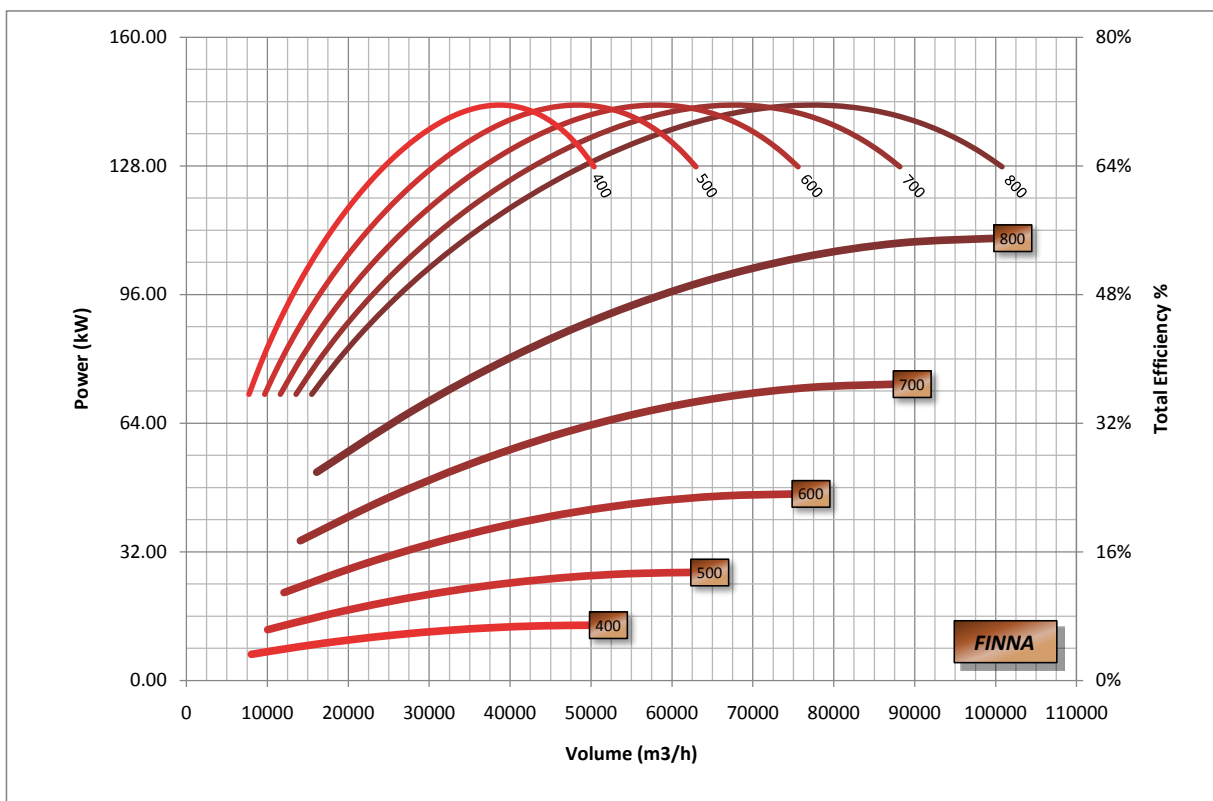
FHC 1000 Power / Efficiency Curve



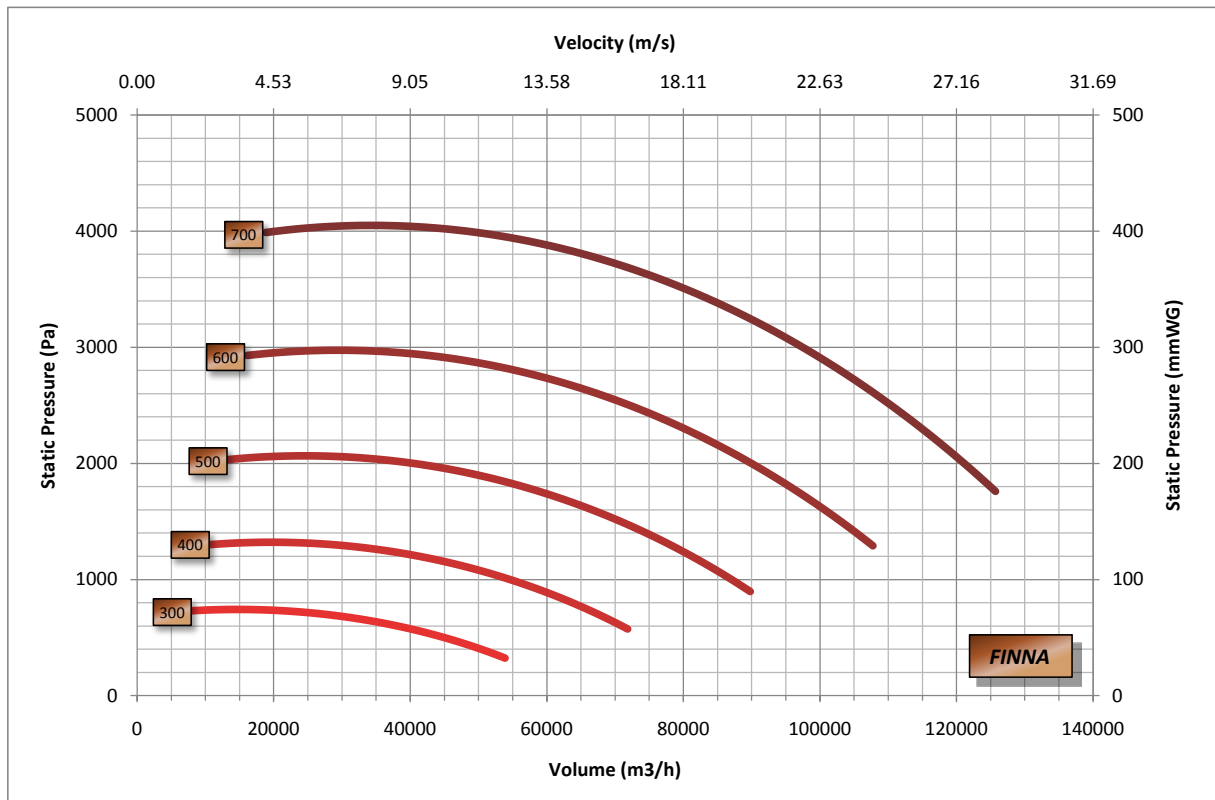
FHC 1120 Performance Curve



FHC 1120 Power / Efficiency Curve



FHC 1250 Performance Curve



FHC 1250 Power / Efficiency Curve

