

FMT Fan Range Details

The "Finna **M**edium pressure fan **T**" fan range is a Forward Curve Centrifugal fan capable of producing high volumes with moderate pressures.

FMT duty range

- Volumes up to 135,000 m³/hr
- Pressures up to 2,650 Pa

FMT fan sizes range from

- 125 mm - 1250 mm (Inlet)

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

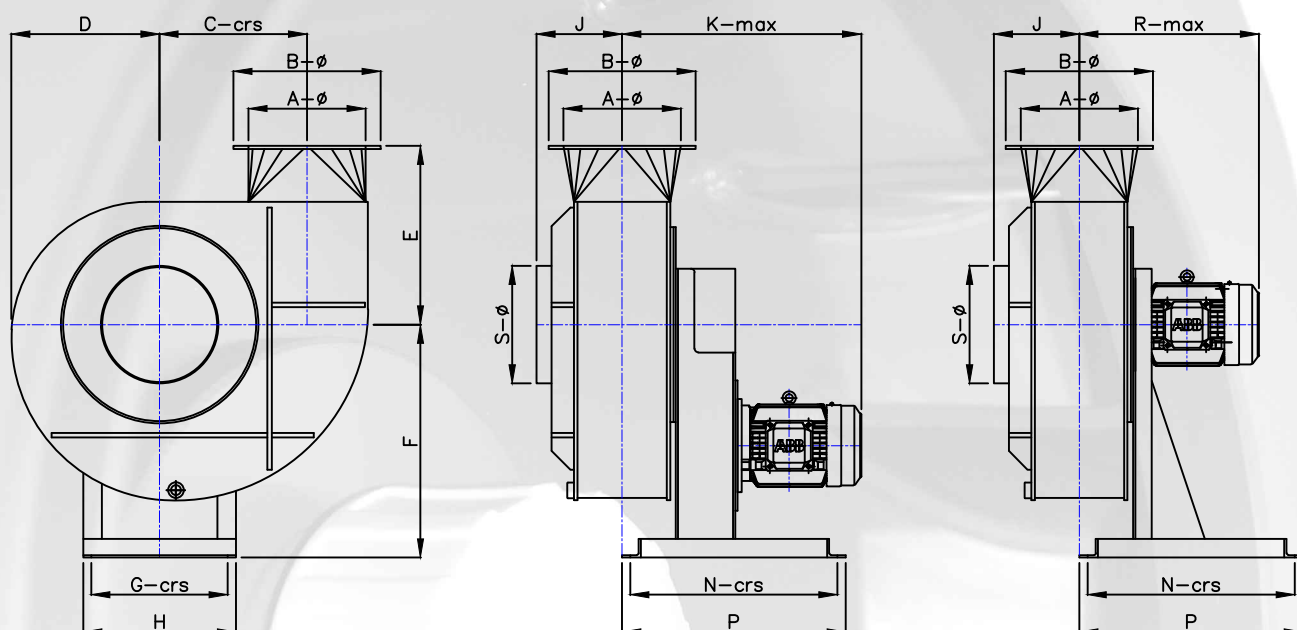
- A2 stainless steel minimum

Performance data

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

FMT 125 - 400 Dimension Details

Dimensions



See page 3 for flange details

Drain threaded socket - 0.75" BSP std

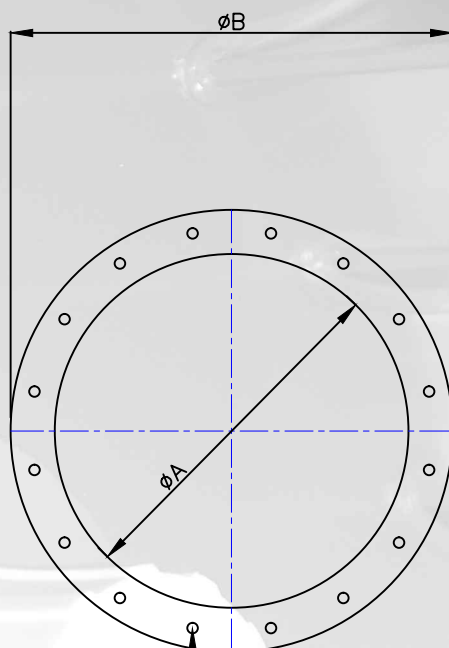
4 off 10mm fixing holes

Dimension details

Fan Size	A	B	C	D	E	F	G	H	J	K	N	P	R	S
FMT 125	125	185	161	167	250	400	256	290	155	459	416	450	292	125
FMT 160	160	200	206	213	280	400	256	290	165	495	416	450	328	160
FMT 180	180	245	230	236	300	400	256	290	175	519	416	450	335	180
FMT 200	200	270	255	260	320	475	306	340	185	554	516	550	388	200
FMT 225	225	290	286	290	345	475	306	340	195	615	516	550	449	225
FMT 250	250	320	316	318	415	625	366	410	205	672	556	600	506	250
FMT 280	280	355	348	350	445	625	366	410	215	722	556	600	421	280
FMT 315	315	395	396	395	480	625	366	410	230	736	556	600	470	315
FMT 400	400	475	441	440	515	750	356	410	260	780	596	650	515	400

FMT 125 - 400 Outlet Flange Details

Dimensions



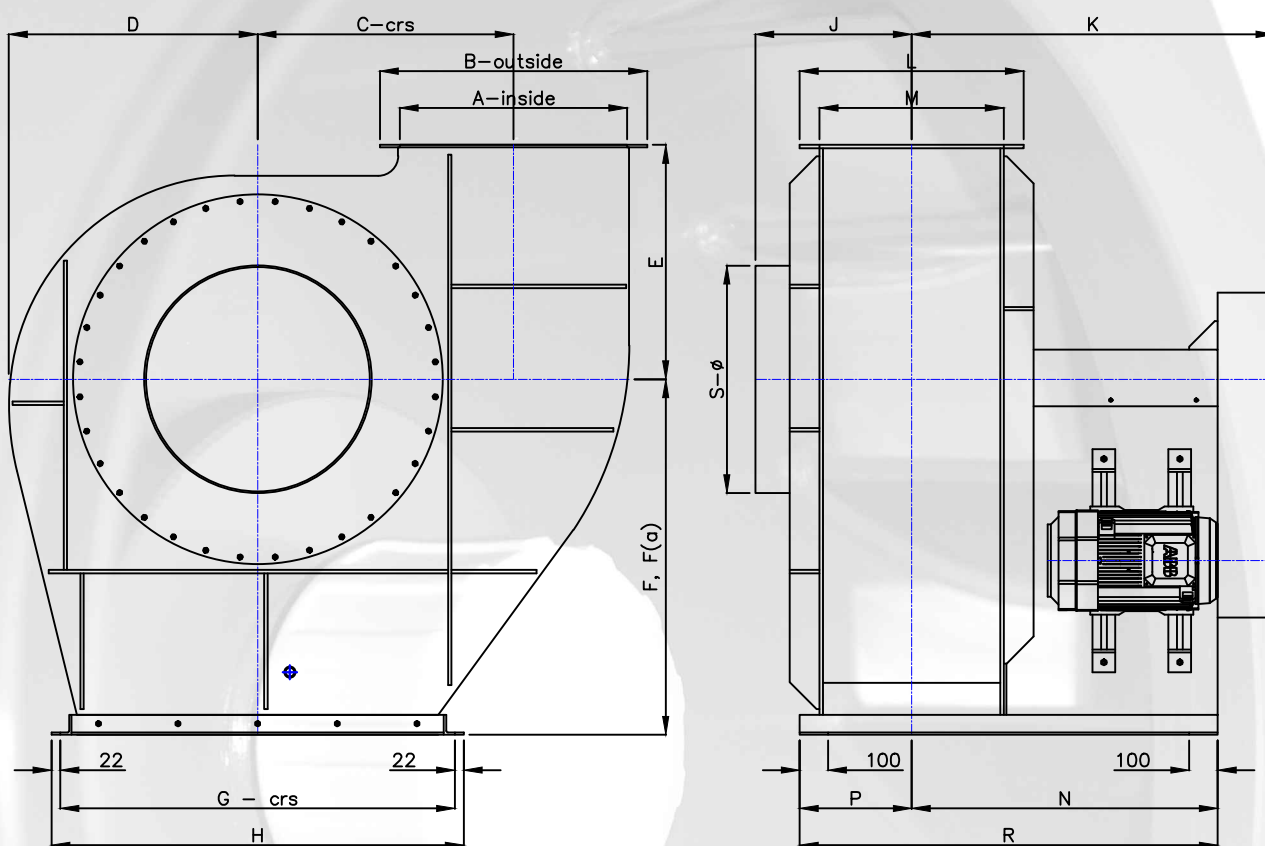
C—no off $\phi 10$ holes on a D pcd off crs

Dimension Details

Fan Size	A	B	C	D
FMT 125	125	185	8	160
FMT 160	160	230	8	200
FMT 180	180	245	8	220
FMT 200	200	270	8	240
FMT 225	225	290	8	265
FMT 250	250	320	12	290
FMT 280	280	355	12	325
FMT 315	315	395	12	350
FMT 400	400	475	16	445

FMT 450 - 710 Dimension Details

Dimensions



F = Standard centre line height

F (a) = R0 and L0 handings

See page 6 for flange details

Drain threaded socket - 1.0" BSP std

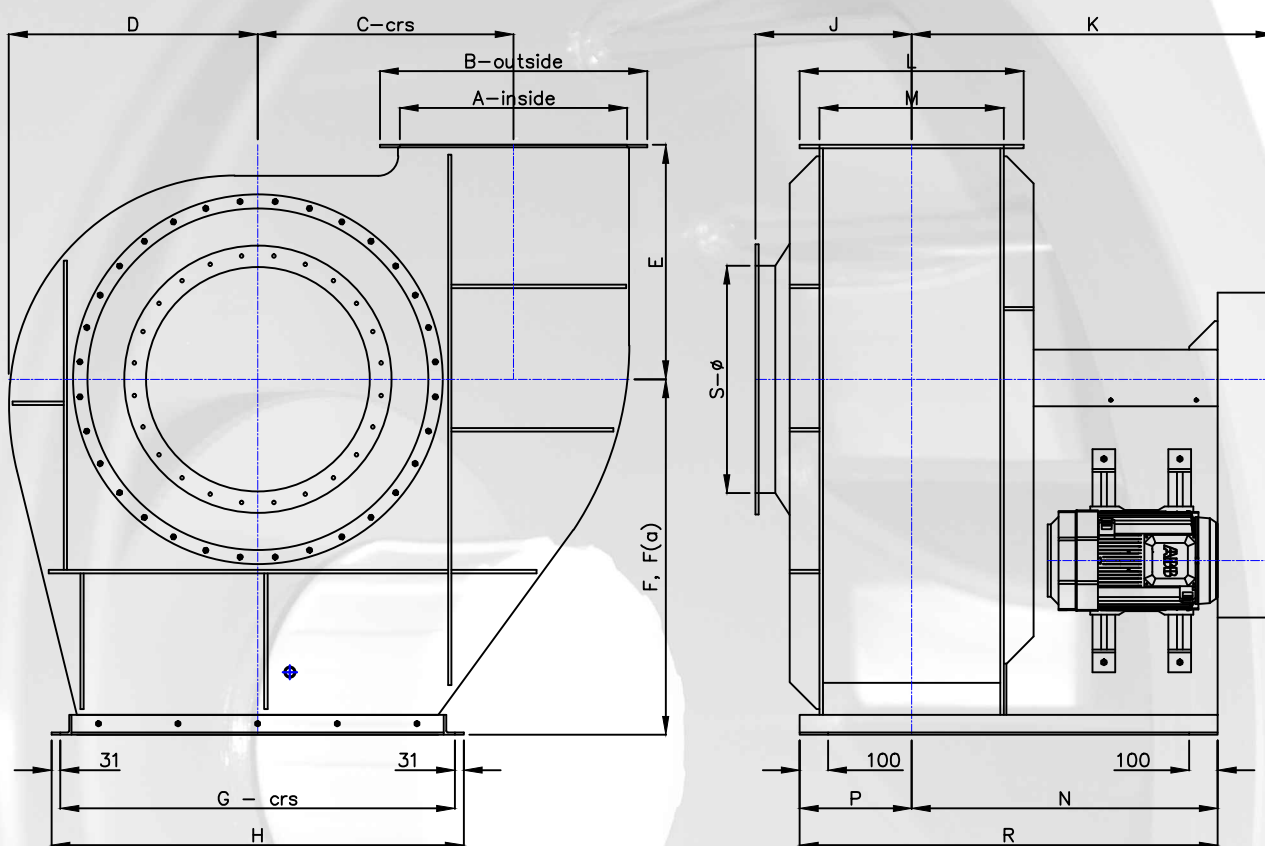
4 off 12mm dia fixing holes

Dimension Details

Fan Size	A	B	C	D	E	F	F(a)	G	H	J	K	L	M	N	P	R	S
FMT 450	450	550	500	500	470	800	850	806	850	290	1200	478	378	761	239	1000	450
FMT 500	500	600	570	570	525	900	1000	928	950	335	1300	520	420	840	260	1100	500
FMT 560	560	660	640	625	585	1000	1100	1026	1070	355	1370	558	458	891	279	1170	560
FMT 630	630	730	720	700	655	1100	1200	1156	1200	385	1470	618	518	961	309	1270	630
FMT 710	710	810	800	780	735	1200	1320	1326	1370	415	1570	678	578	1031	339	1370	710

FMT 800 - 1250 Dimension Details

Dimensions



F = Standard centre line height

F (a) = R0, L0, R45 and L45 handings

See page 6 & 7 for flange details

Drain threaded socket - 1.25" BSP std

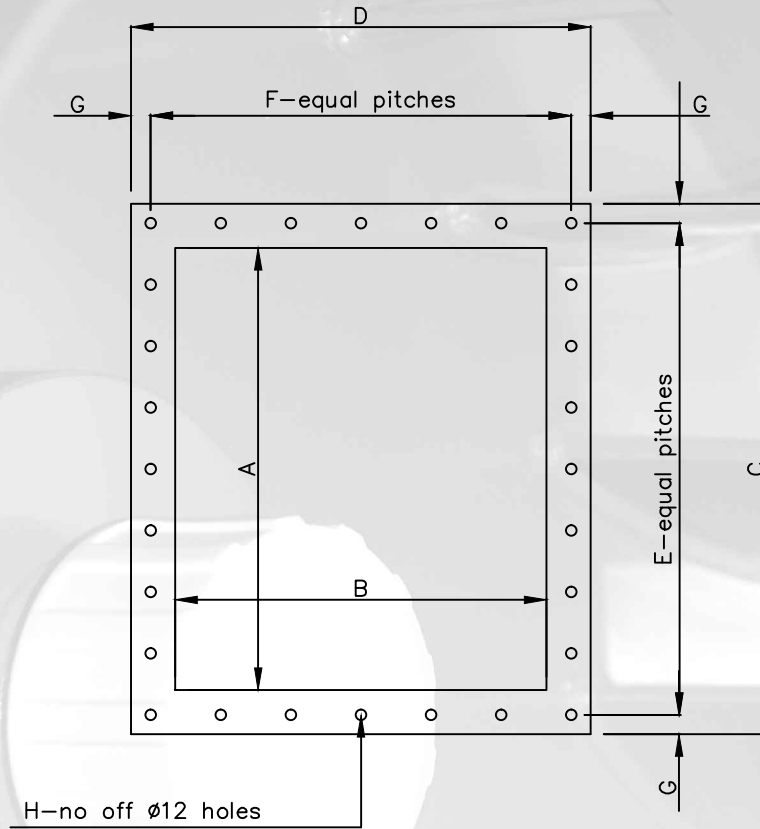
4 off 12mm dia fixing holes

Dimension Details

Fan Size	A	B	C	D	E	F	F(a)	G	H	J	K	L	M	N	P	R	S
FMT 800	800	940	900	875	825	1250	1550	1388	1450	550	1276	788	648	1076	394	1470	800
FMT 900	900	1040	1000	990	925	1360	1700	1568	1630	600	1316	868	728	1116	434	1550	900
FMT 1000	1000	1140	1125	1110	1030	1550	1870	1738	1810	650	1426	948	808	1226	474	1700	1000
FMT 1120	1120	1260	1260	1240	1155	1680	2070	1968	2030	720	1667	1047	907	1467	533	2000	1120
FMT 1250	1250	1410	1410	1380	1290	1800	2270	2208	2270	780	1715	1150	1010	1515	585	2100	1250

FMT 450 - 1250 Outlet Flange Details

Dimensions

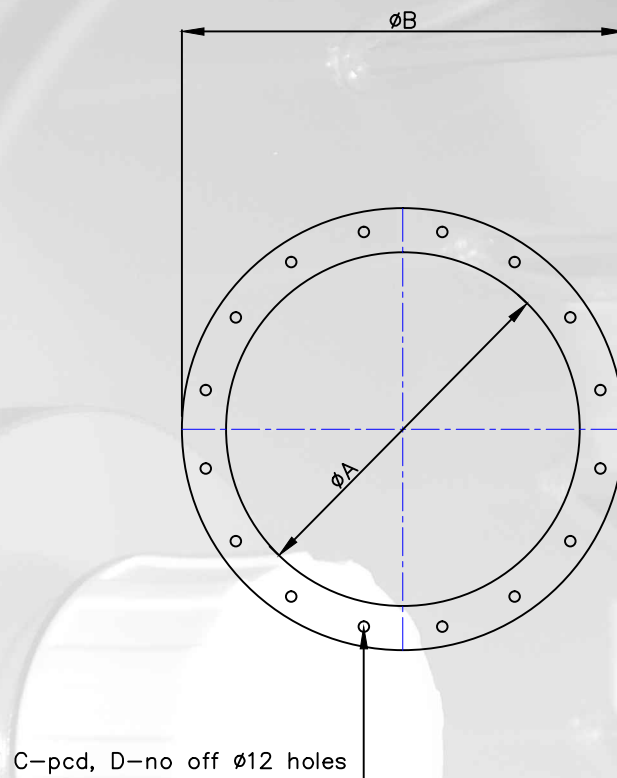


Dimension Details

Fan Size	A	B	C	D	E	F	G	H
FMT 450	450	378	550	478	7	6	22	26
FMT 500	500	420	600	520	8	6	22	28
FMT 560	560	458	660	558	8	7	22	30
FMT 630	630	518	730	618	9	8	22	34
FMT 710	710	578	810	678	10	9	22	38
FMT 800	800	648	940	788	12	10	32	44
FMT 900	900	728	1040	868	13	11	32	46
FMT 1000	1000	808	1140	948	14	11	32	50
FMT 1120	1120	907	1260	1047	15	12	32	54
FMT 1250	1250	1010	1410	1150	16	13	32	58

FMT 800 - 1250 Inlet Flange Details

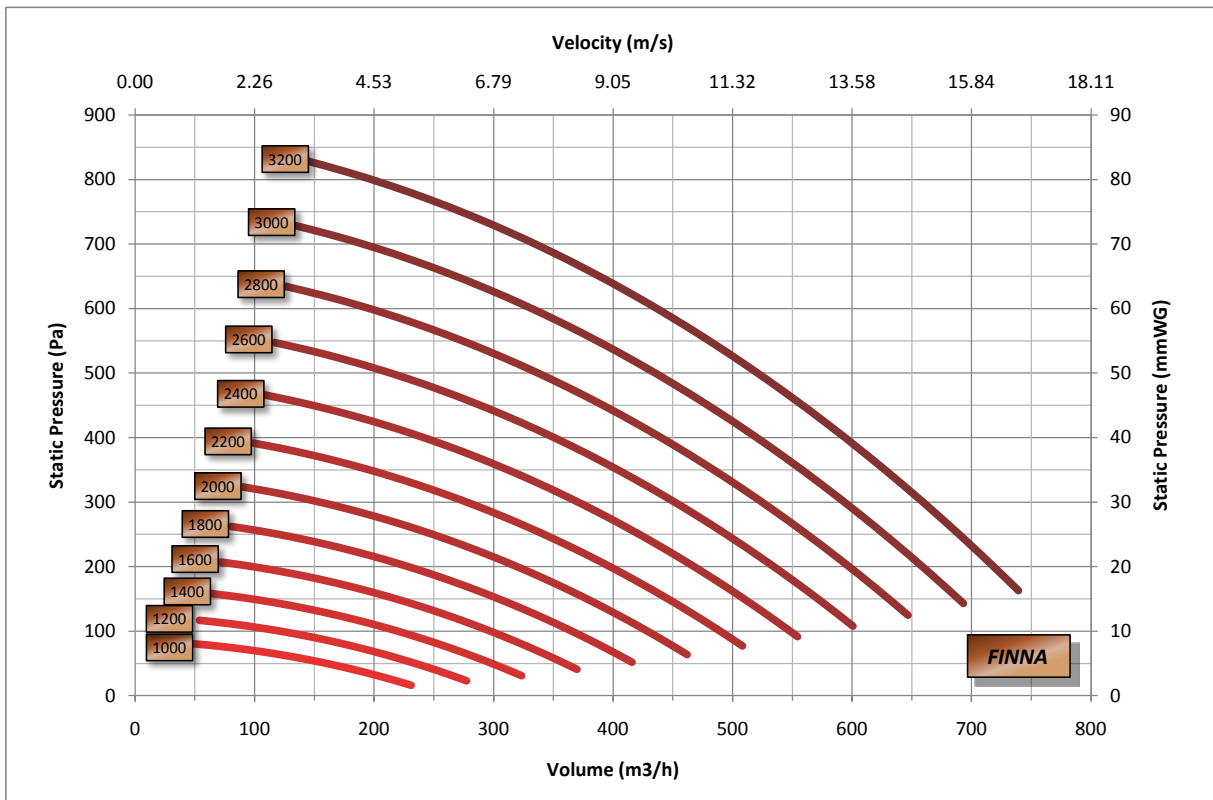
Dimensions



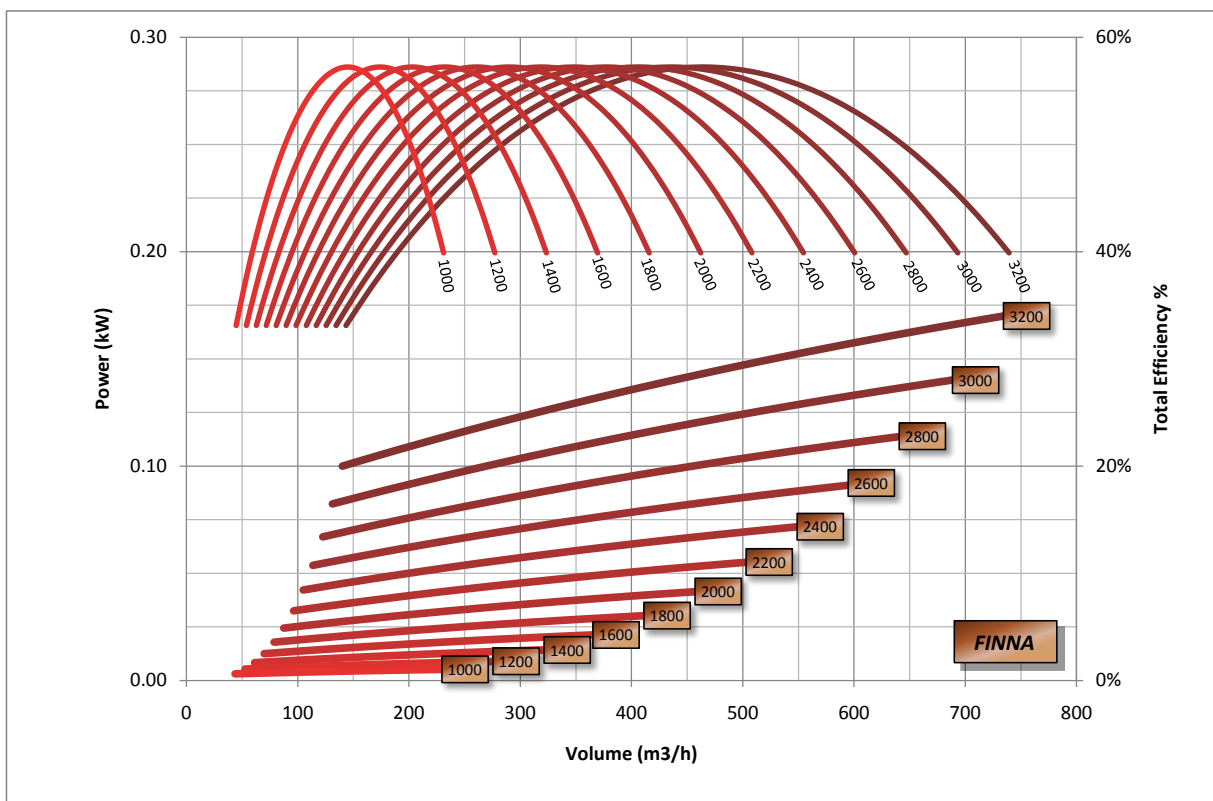
Dimension Details

Fan Size	A	B	C	D
FMT 800	800	940	875	24
FMT 900	900	1040	975	28
FMT 1000	1000	1140	1075	32
FMT 1120	1120	1260	1195	36
FMT 1250	1250	1390	1325	40

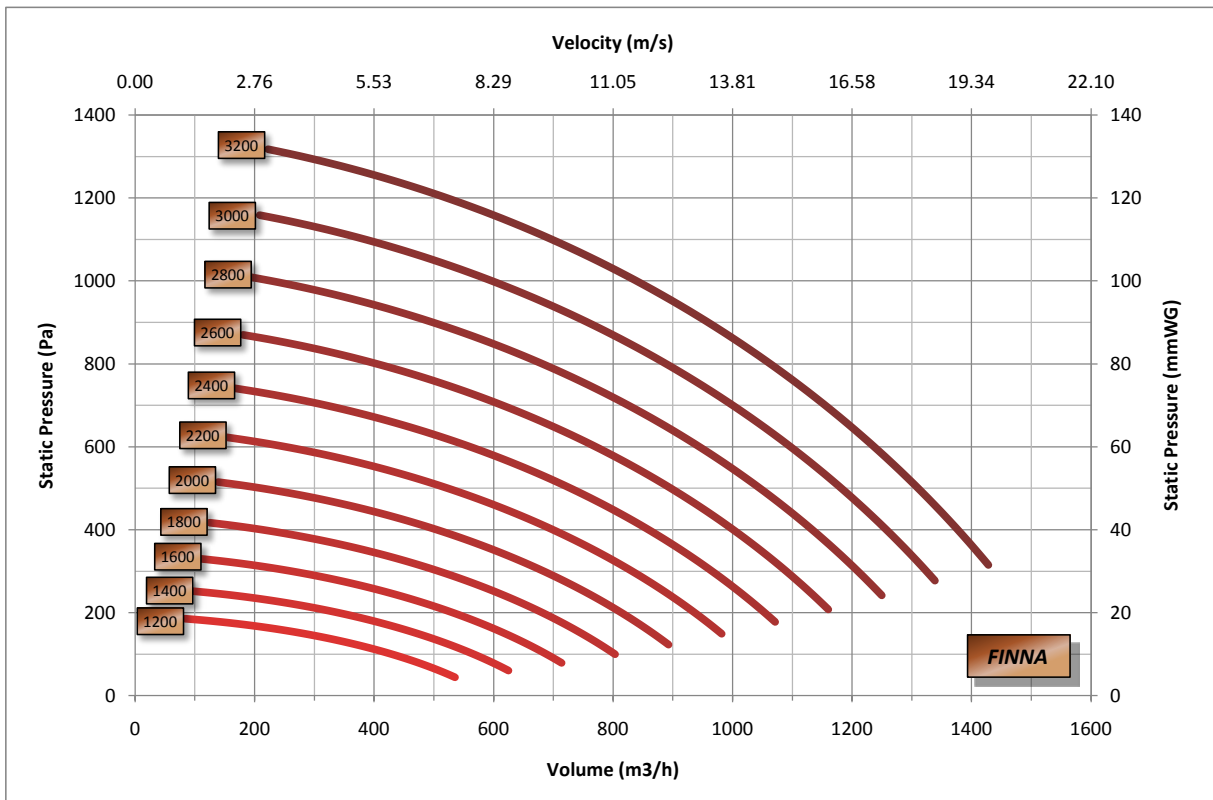
FMT 125 Performance Curve



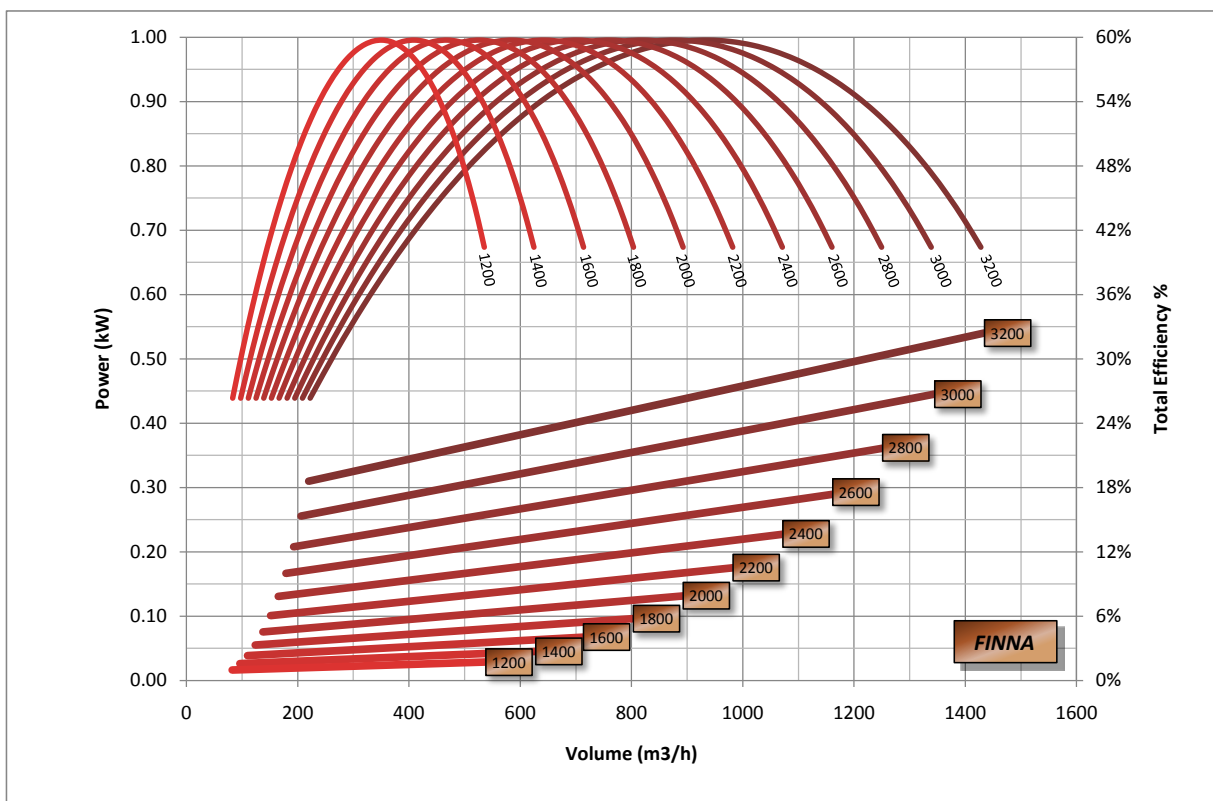
FMT 125 Power / Efficiency Curve



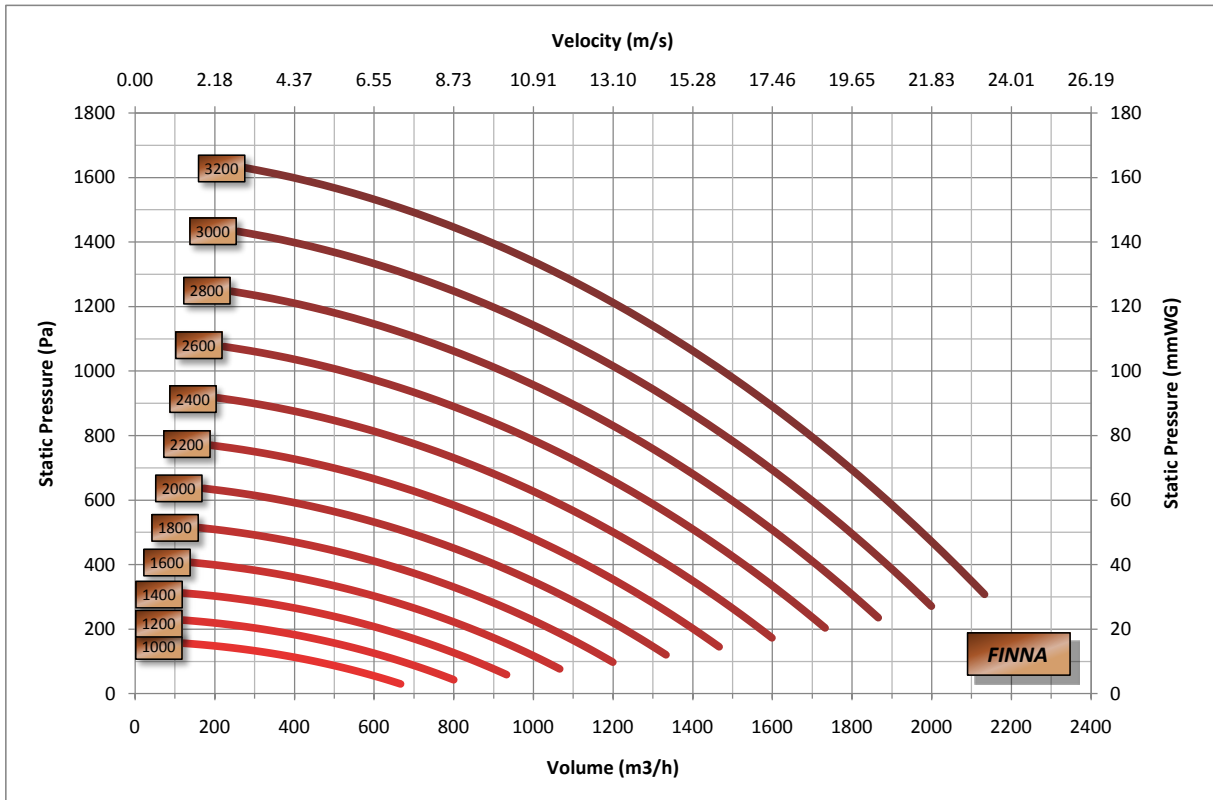
FMT 160 Performance Curve



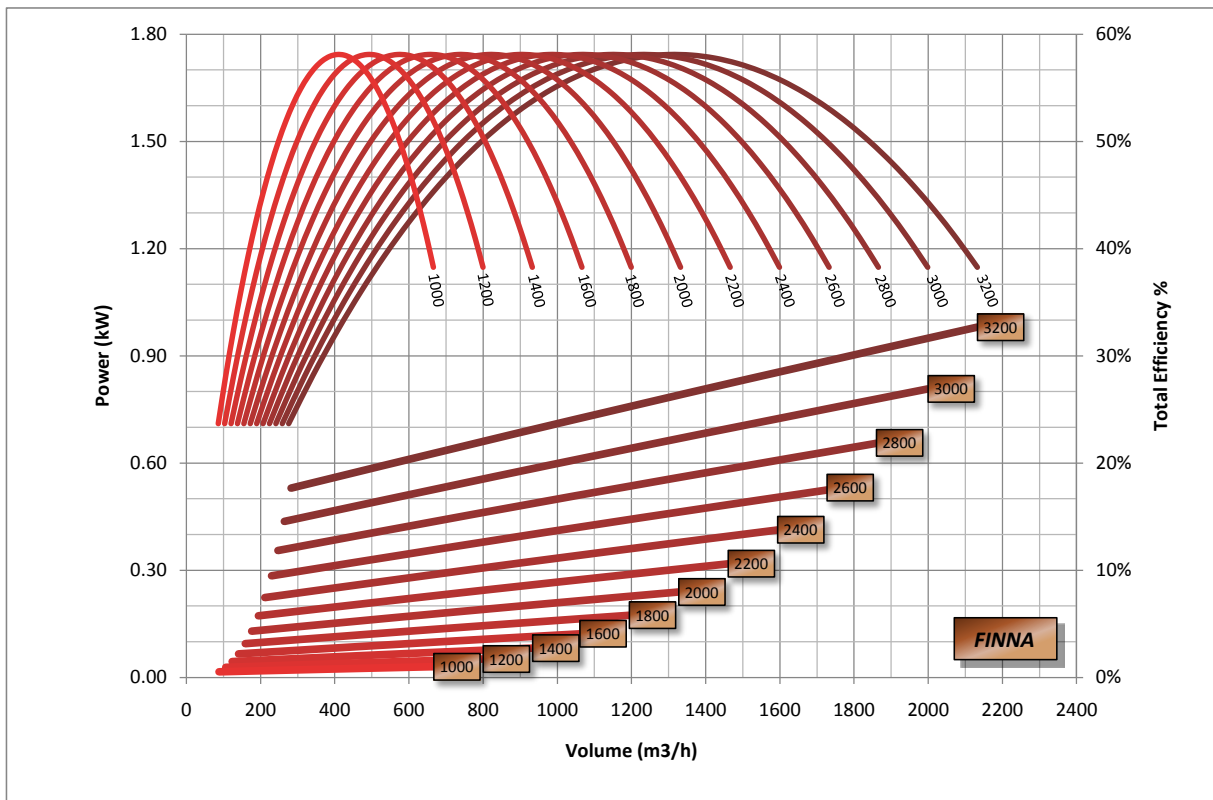
FMT 160 Power / Efficiency Curve



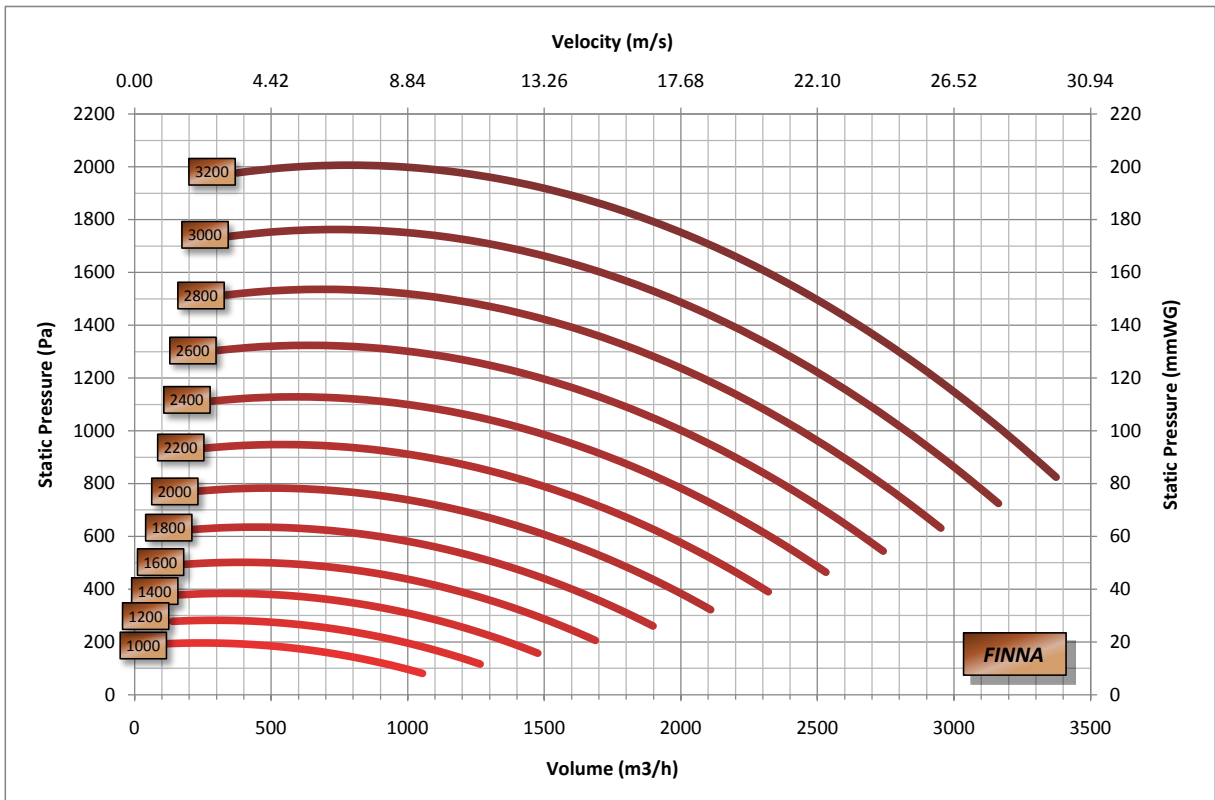
FMT 180 Performance Curve



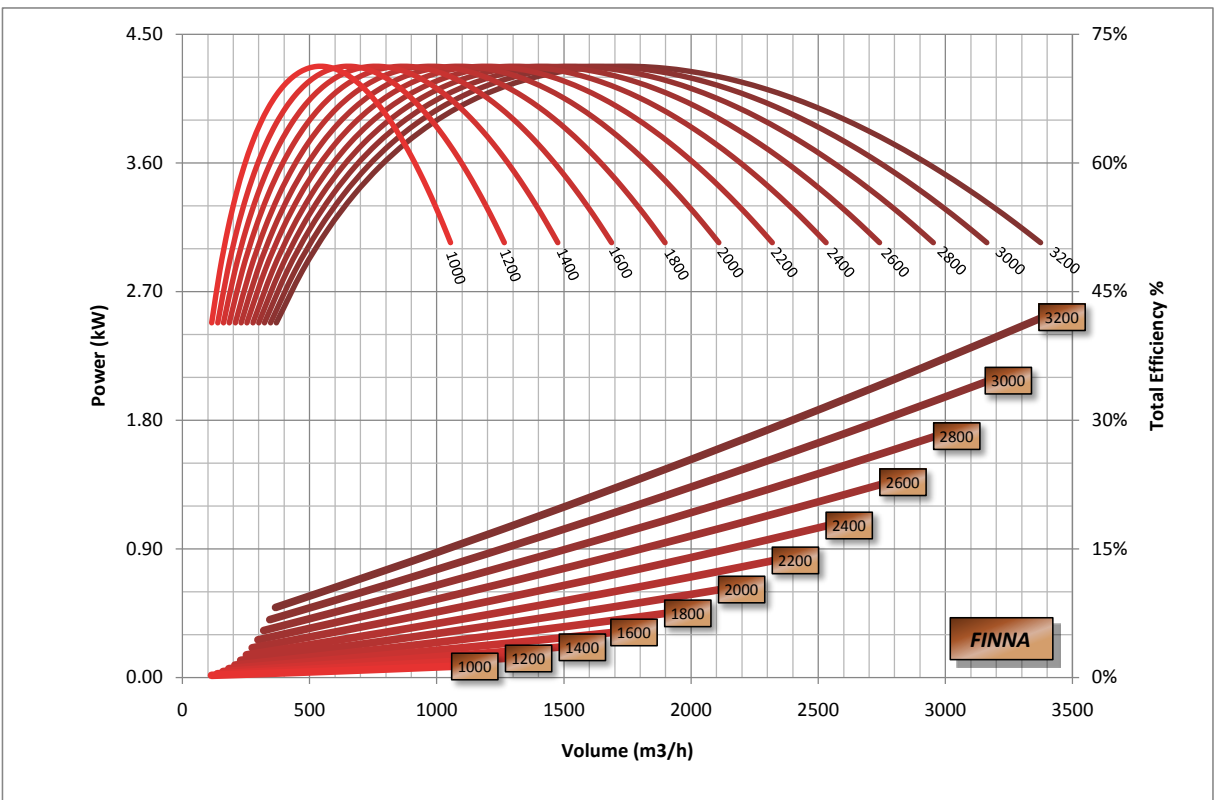
FMT 180 Power / Efficiency Curve



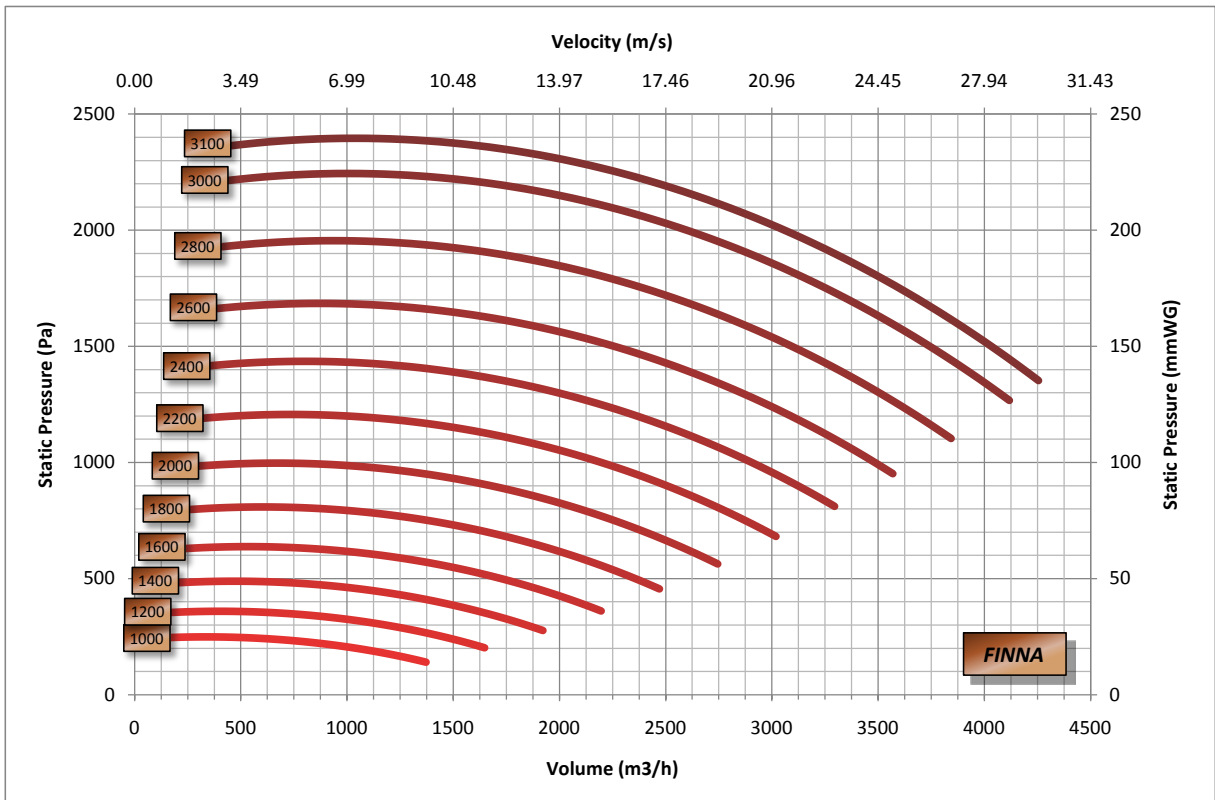
FMT 200 Performance Curve



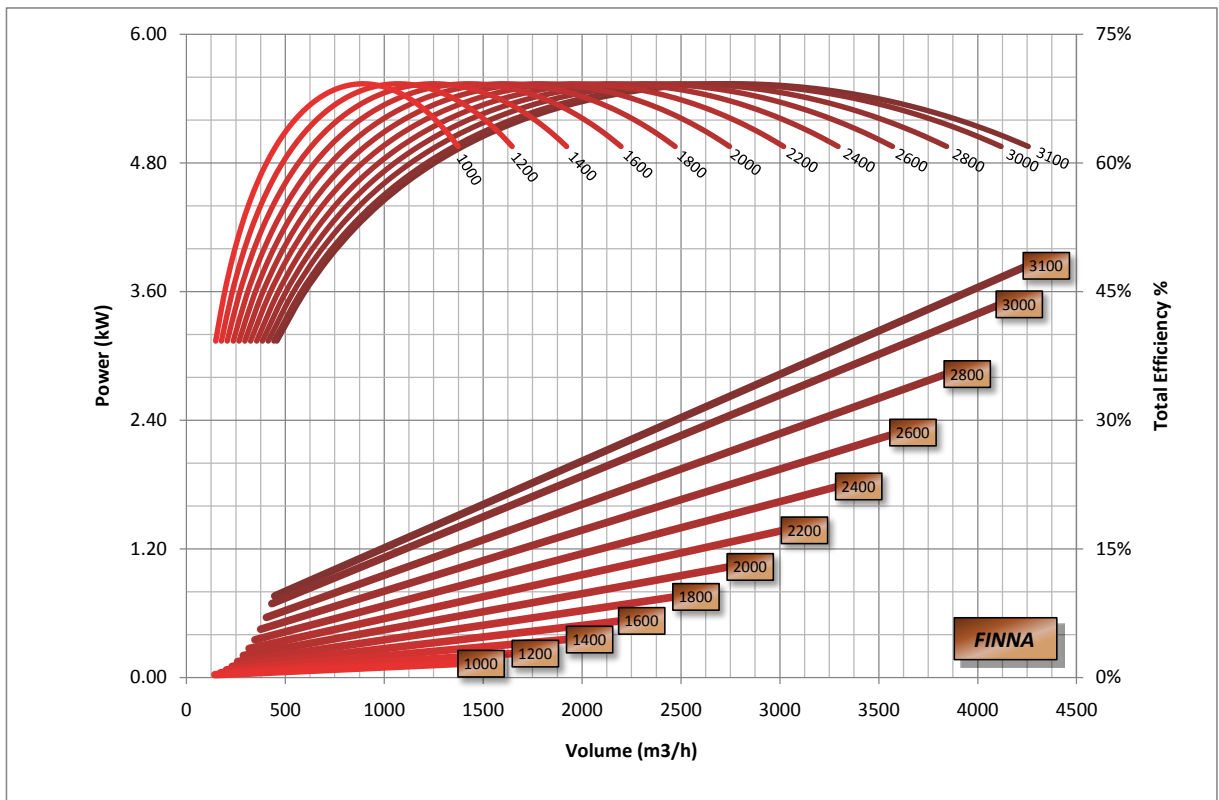
FMT 200 Power / Efficiency Curve



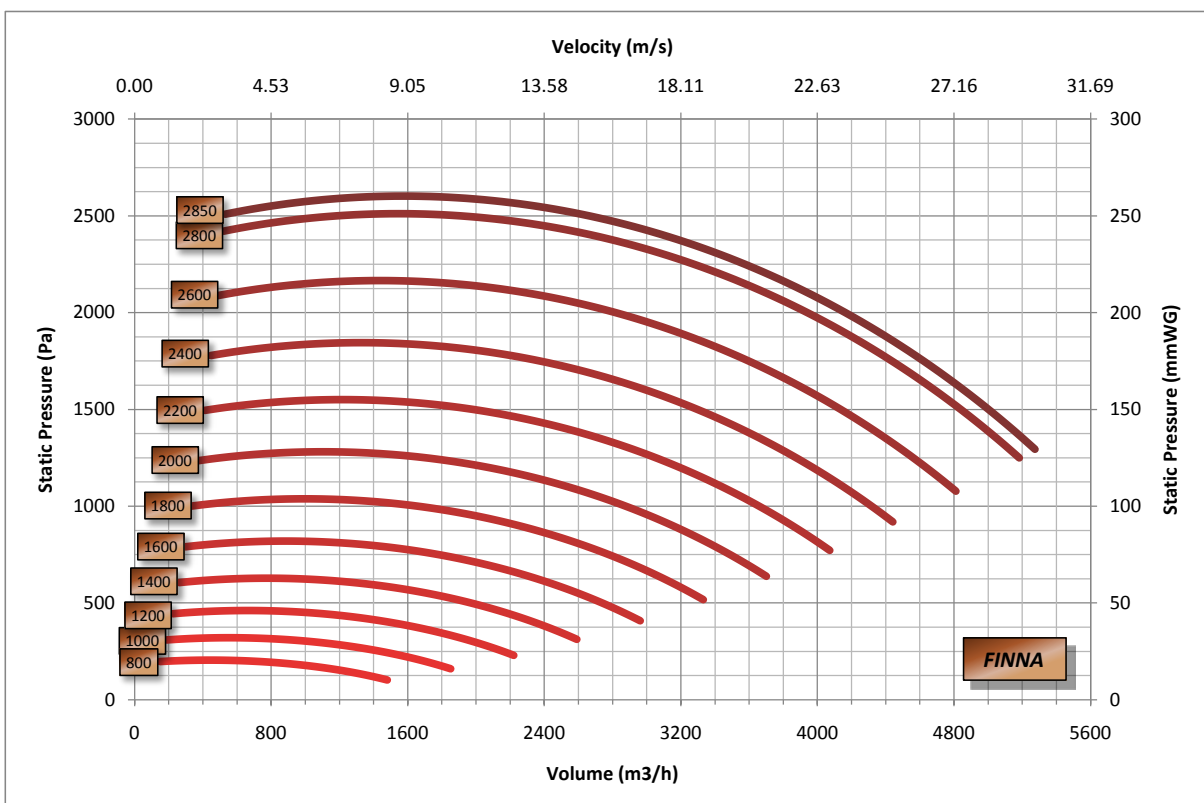
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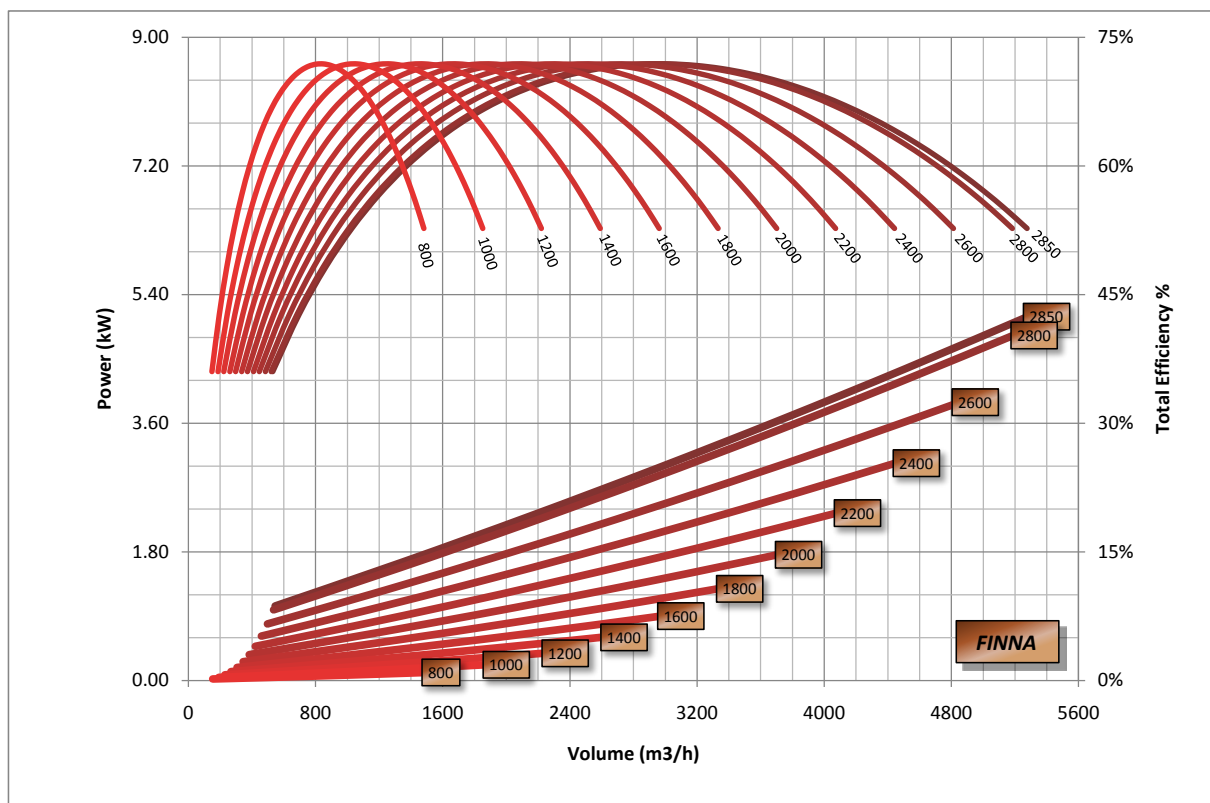
FMT 225 Power / Efficiency Curve



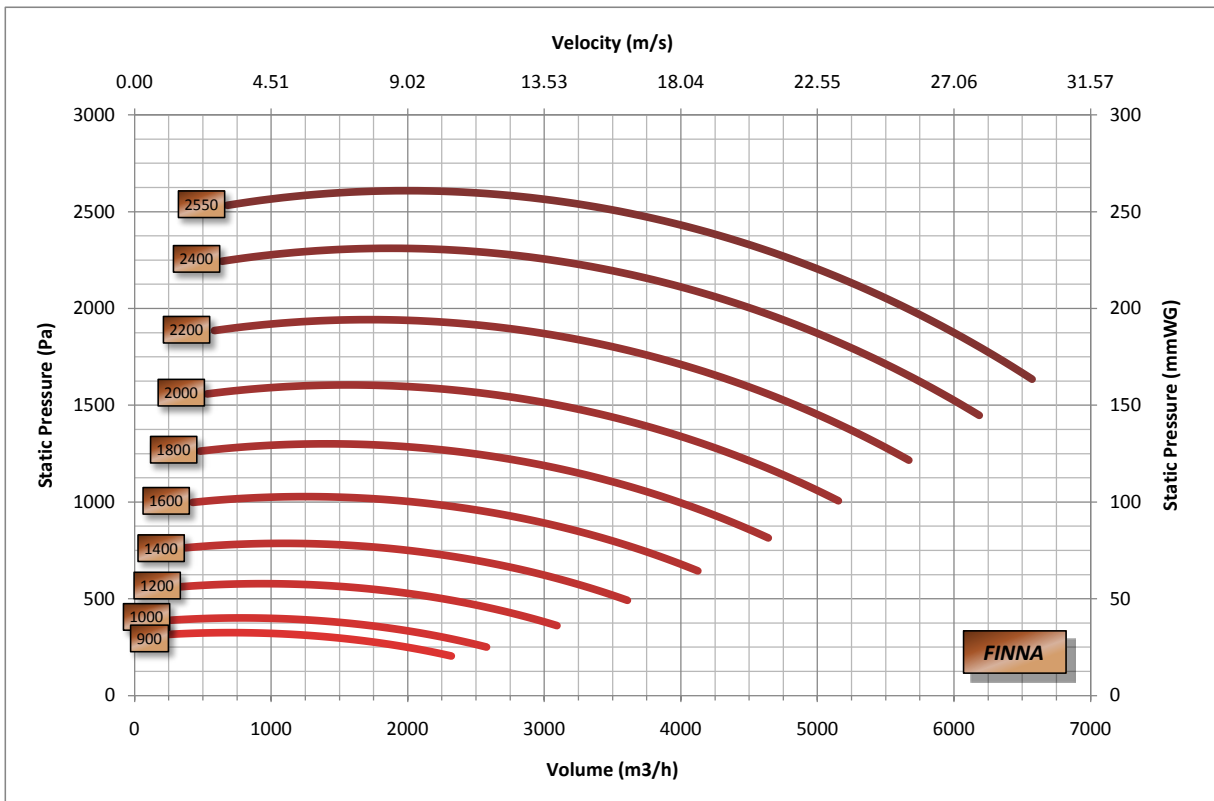
FMT 250 Performance Curve



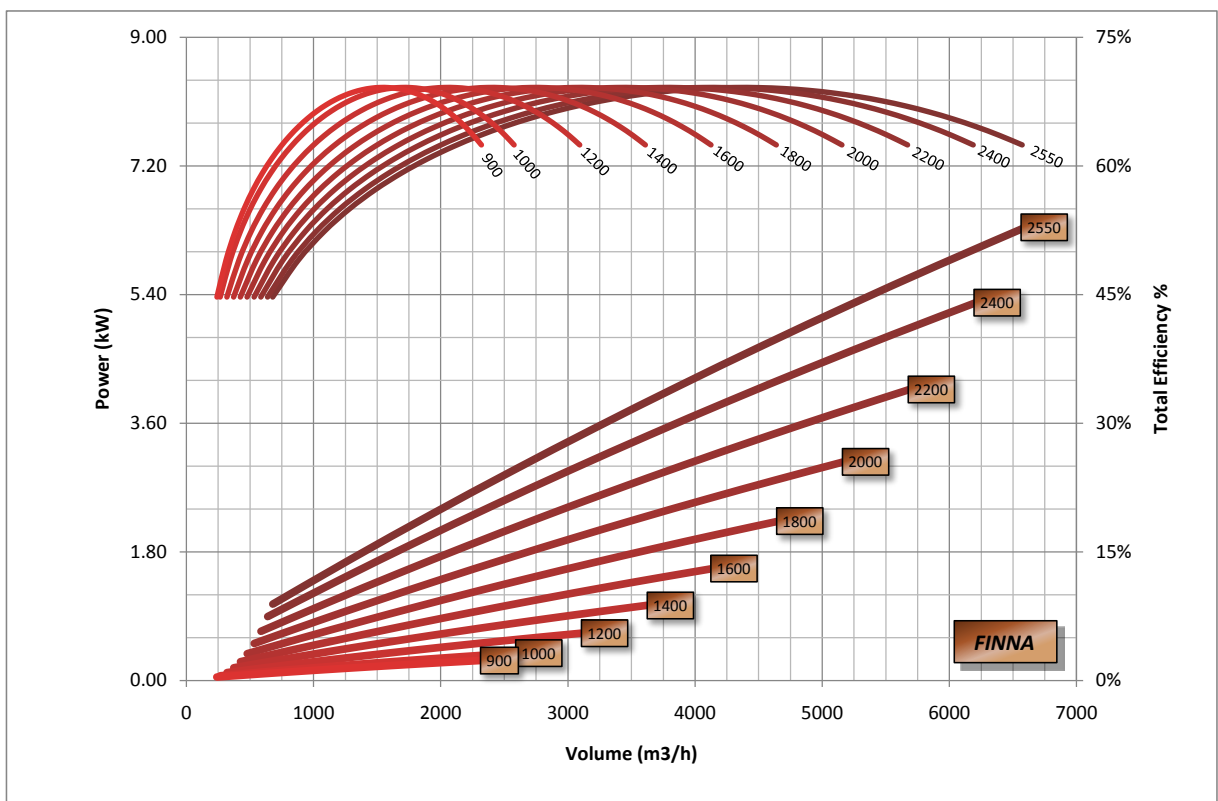
FMT 250 Power / Efficiency Curve



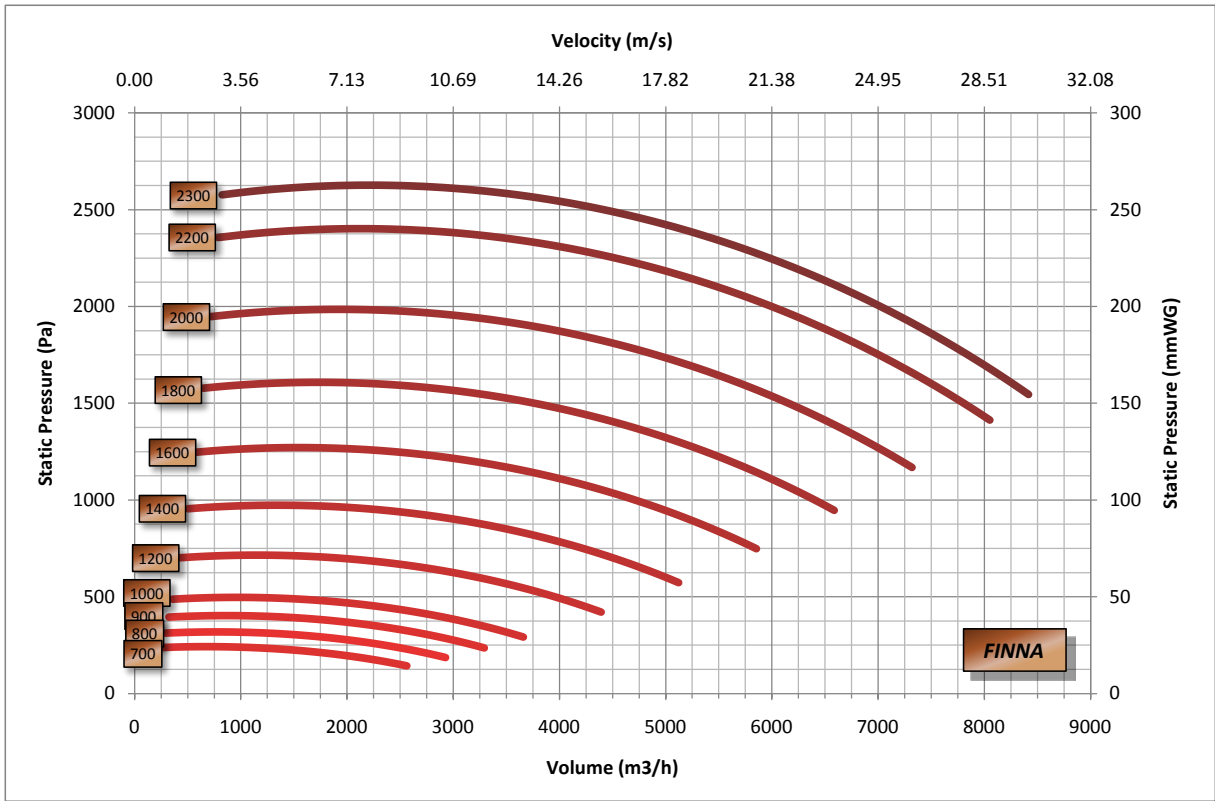
FMT 280 Performance Curve



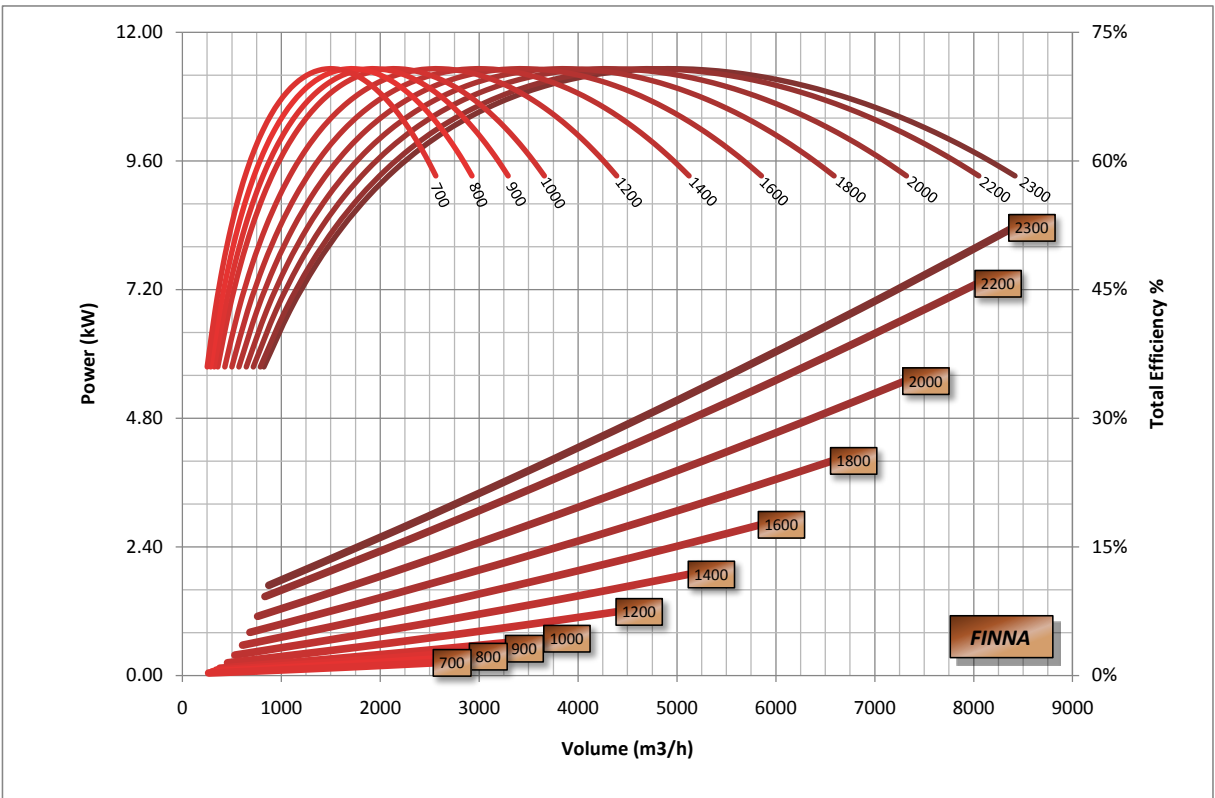
FMT 280 Power / Efficiency Curve



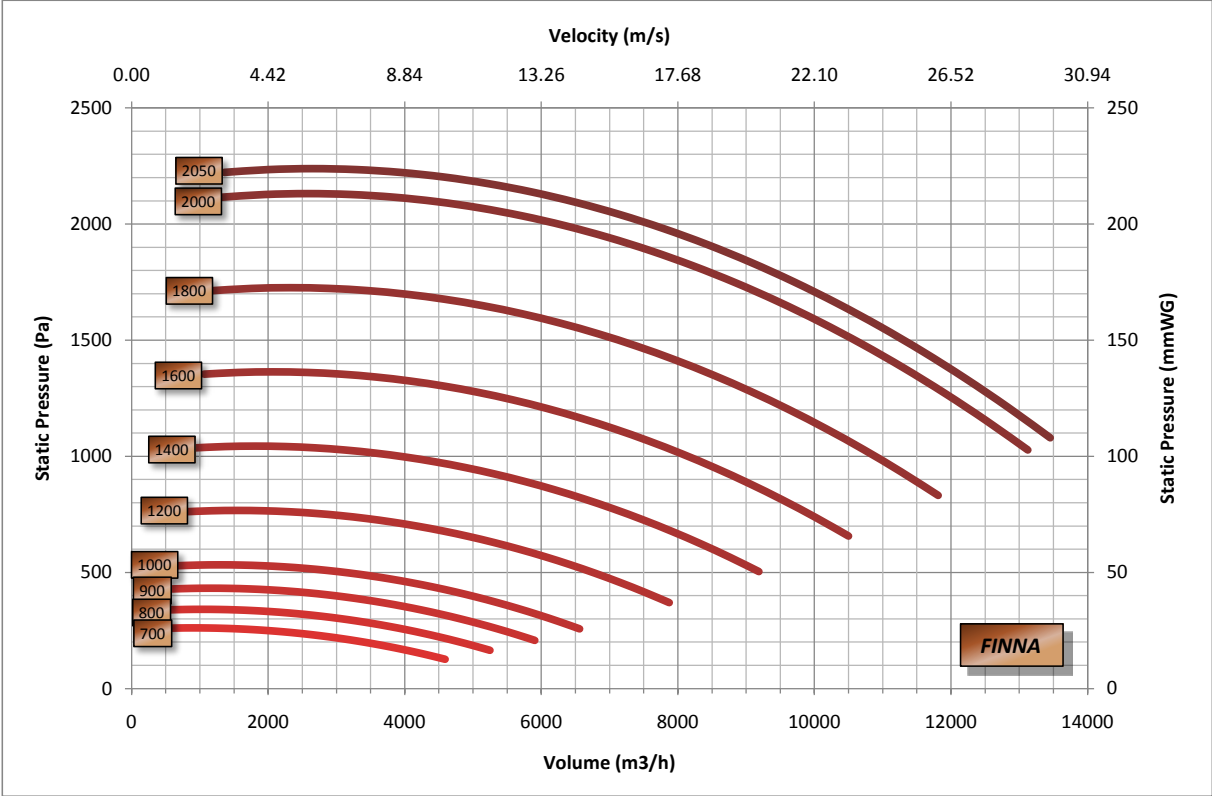
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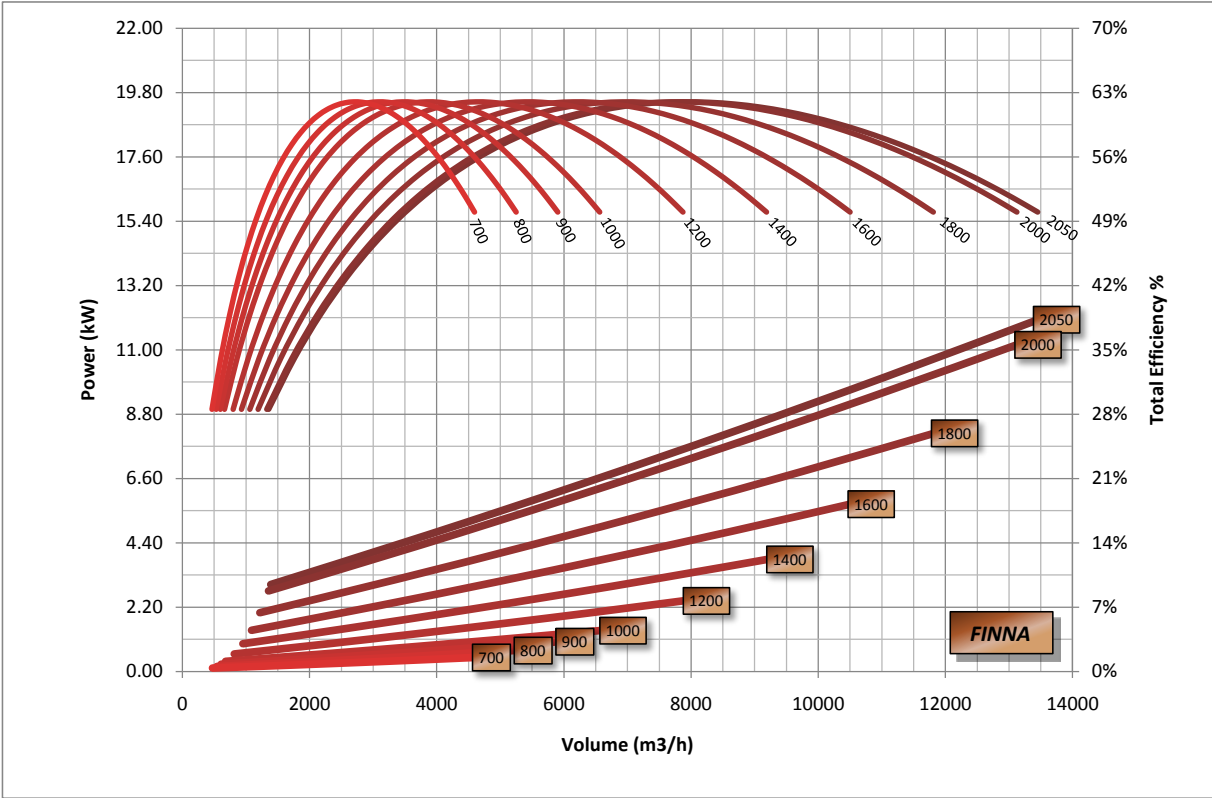
FMT 315 Power / Efficiency Curve



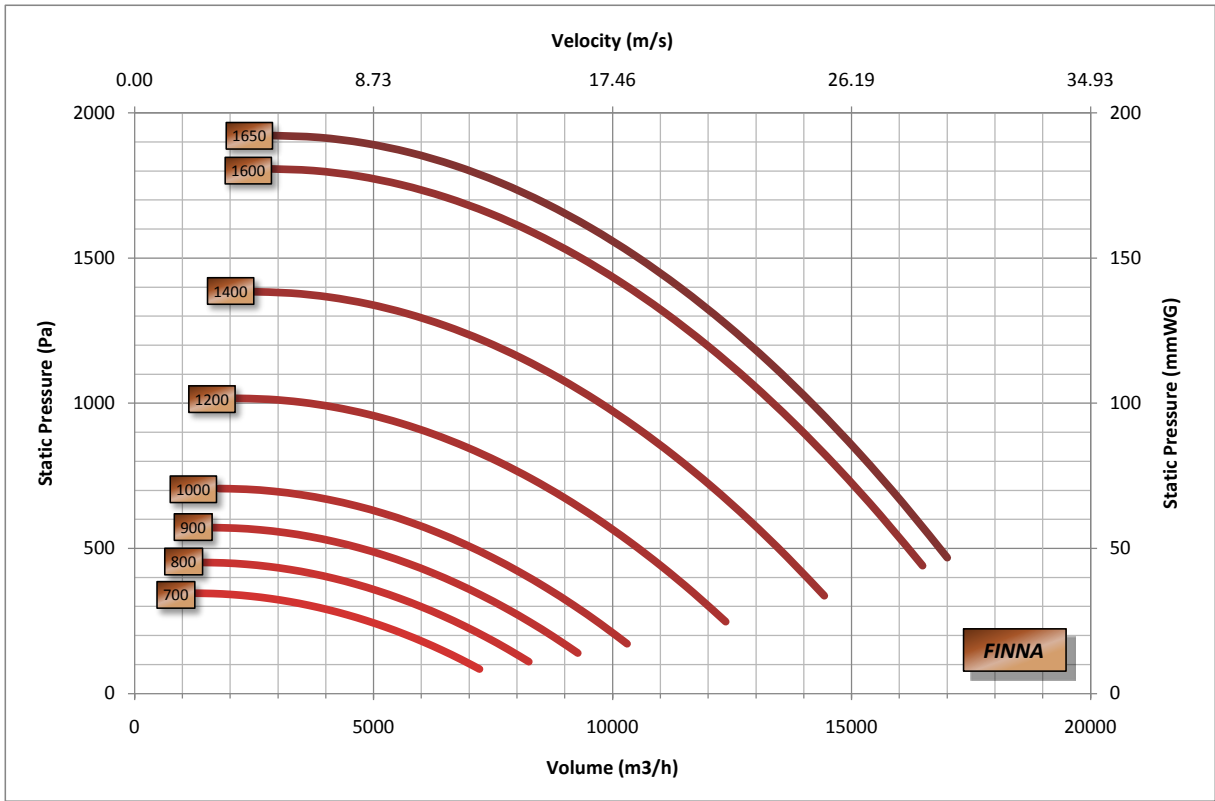
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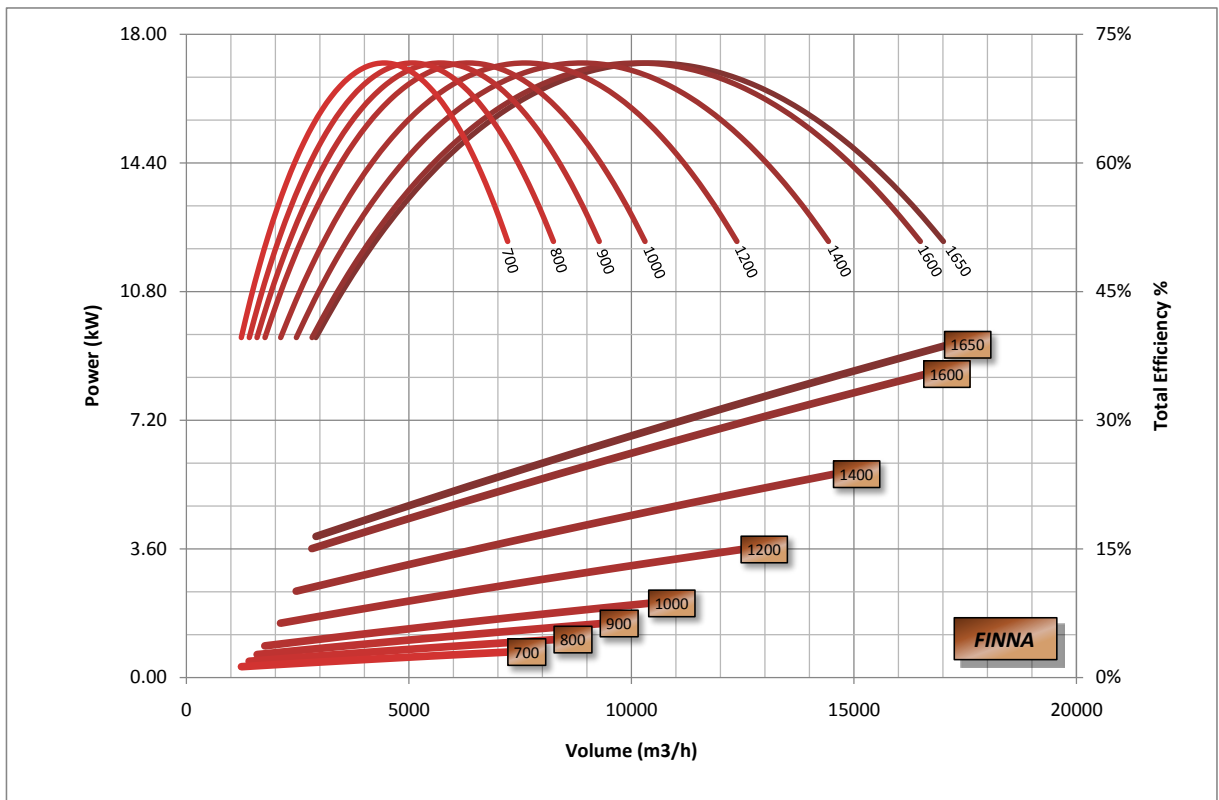
FMT 400 Power / Efficiency Curve



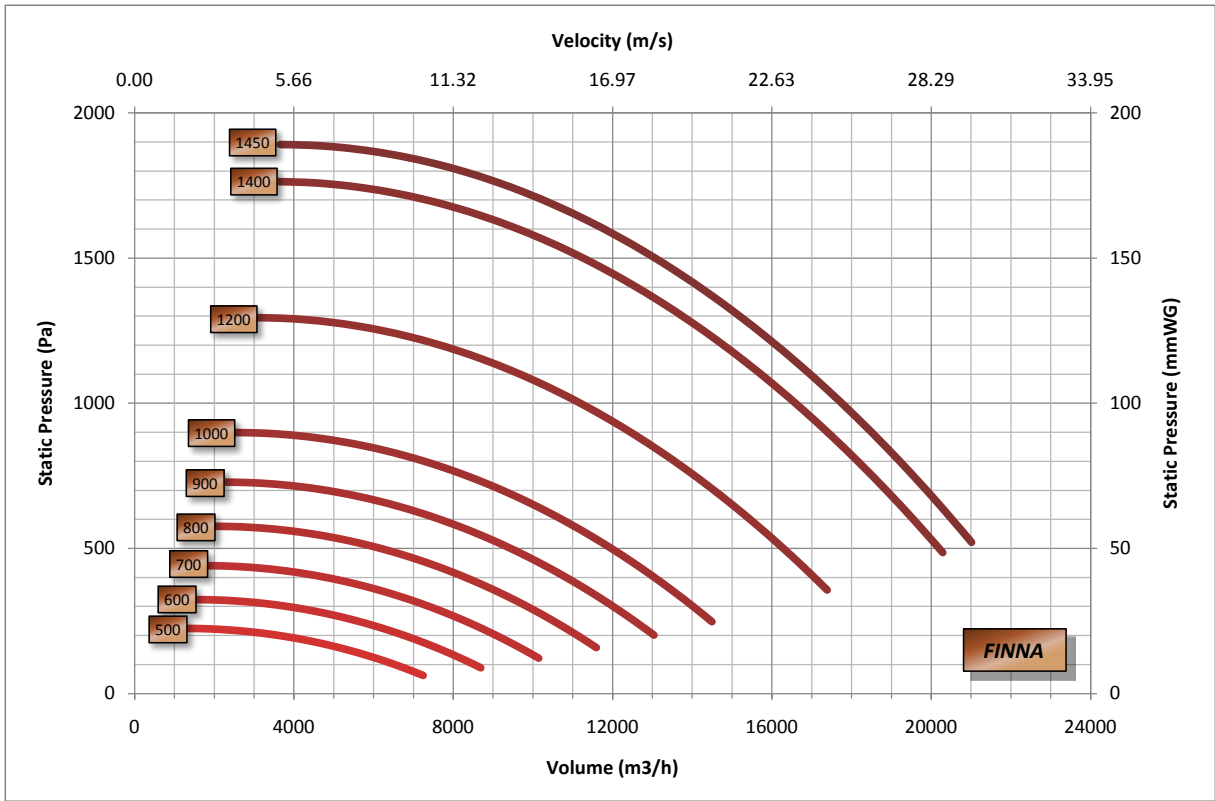
FMT 450 Performance Curve



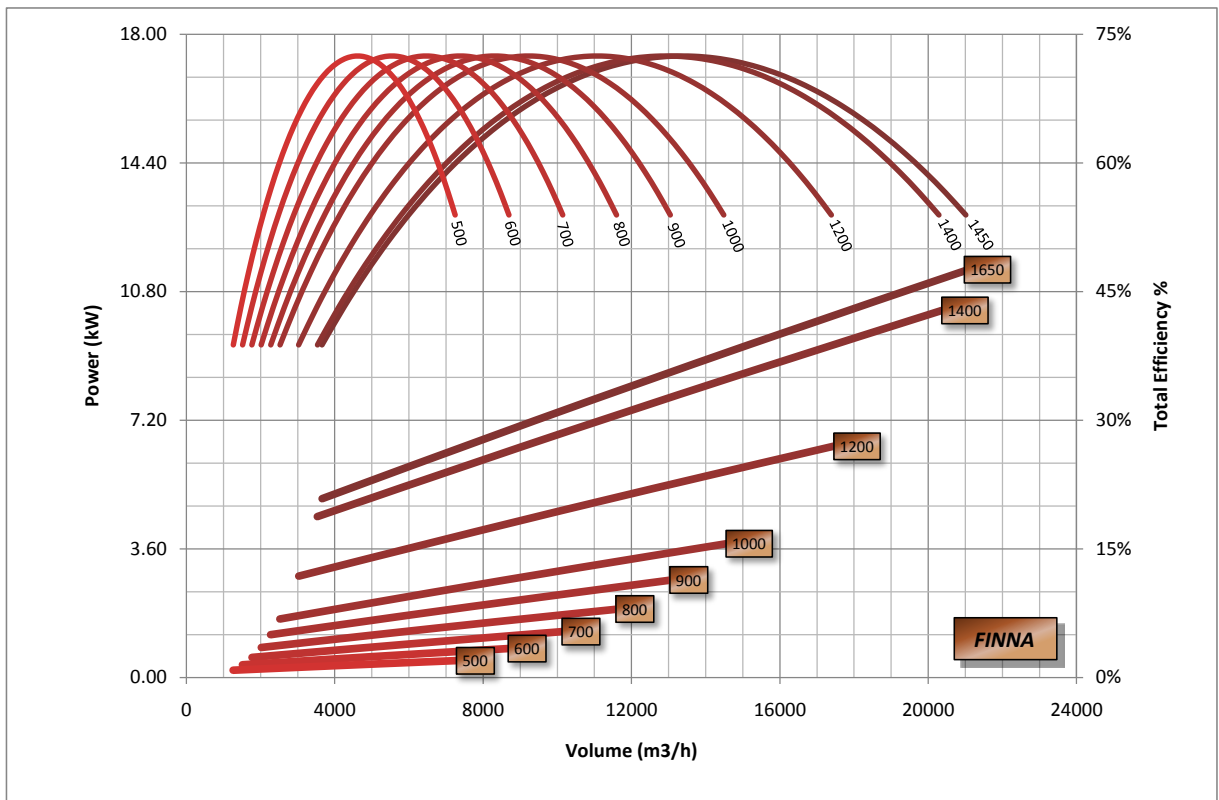
FMT 450 Power / Efficiency Curve



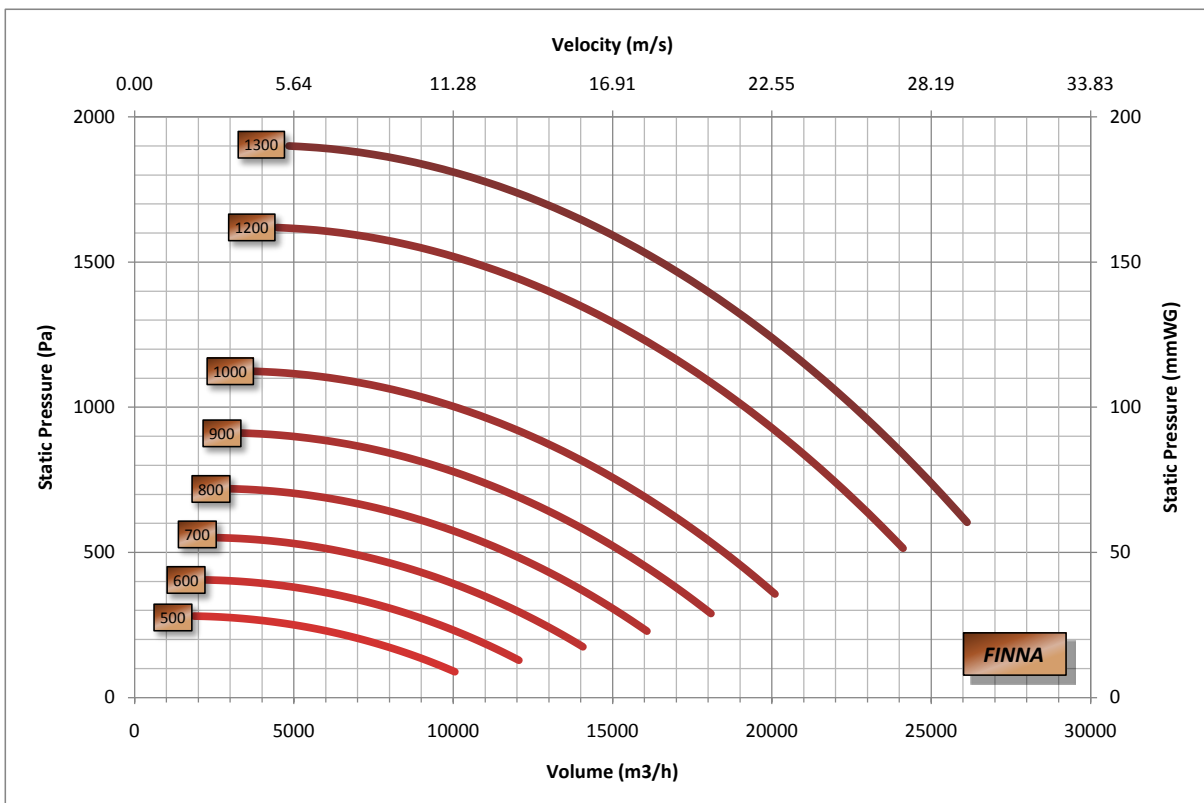
FMT 500 Performance Curve



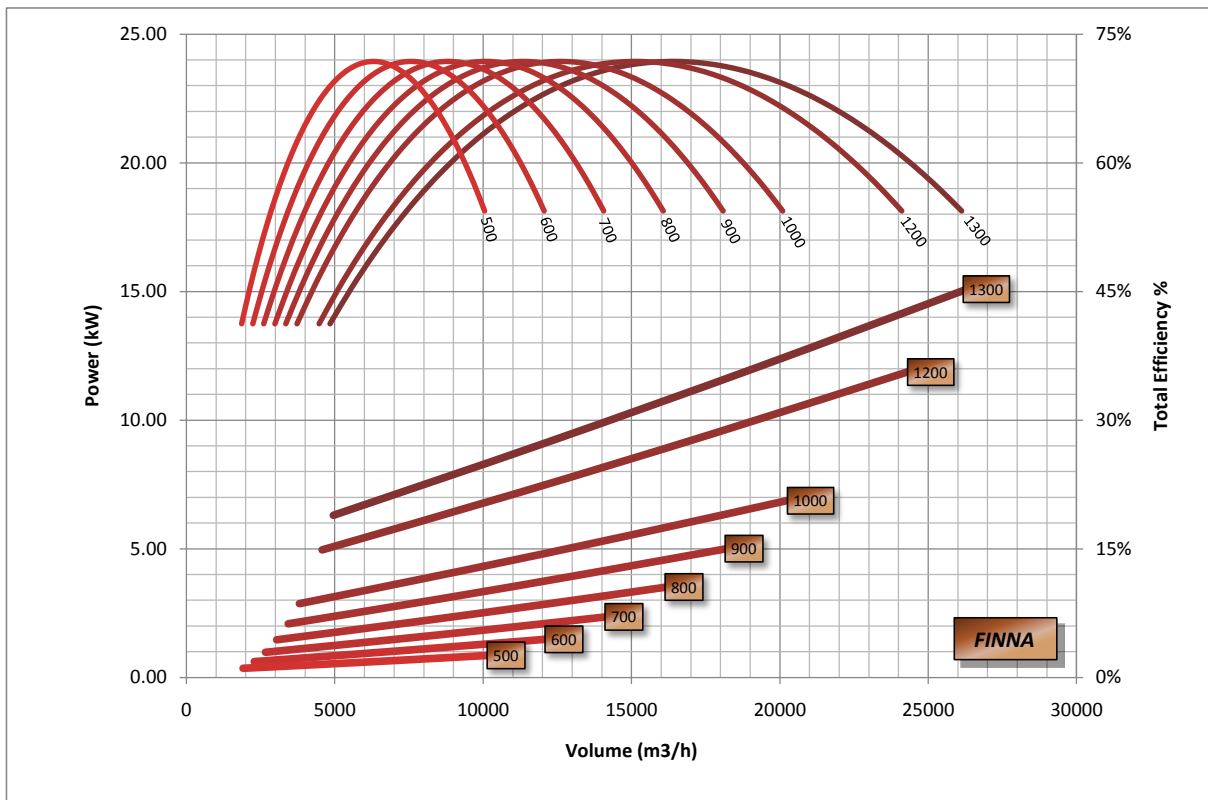
FMT 500 Power / Efficiency Curve



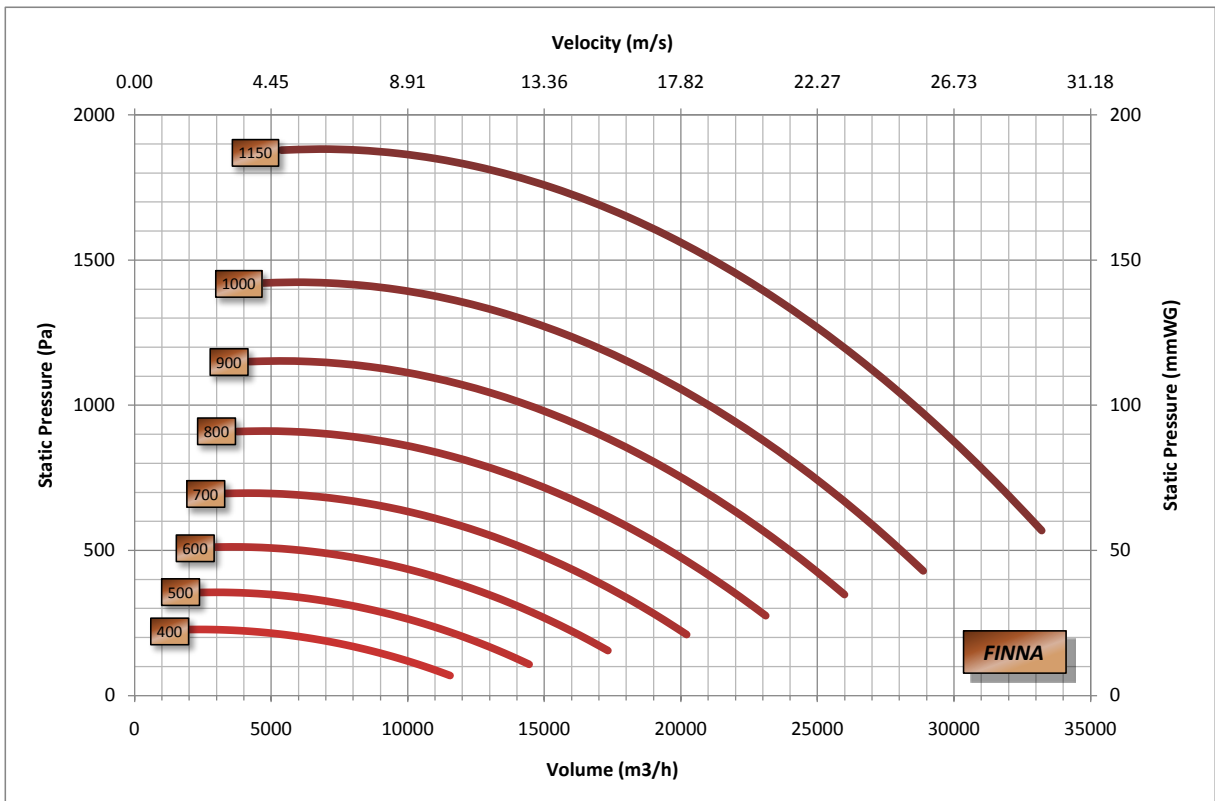
FMT 560 Performance Curve



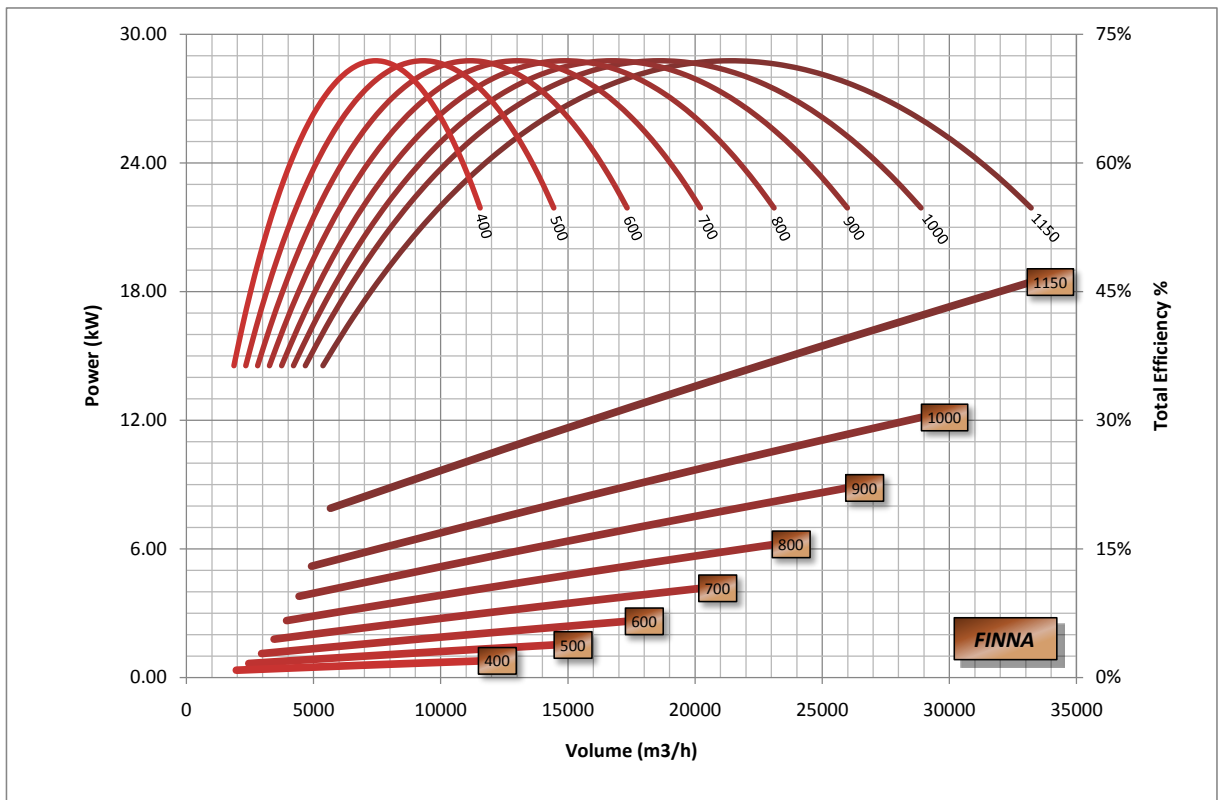
FMT 560 Power / Efficiency Curve



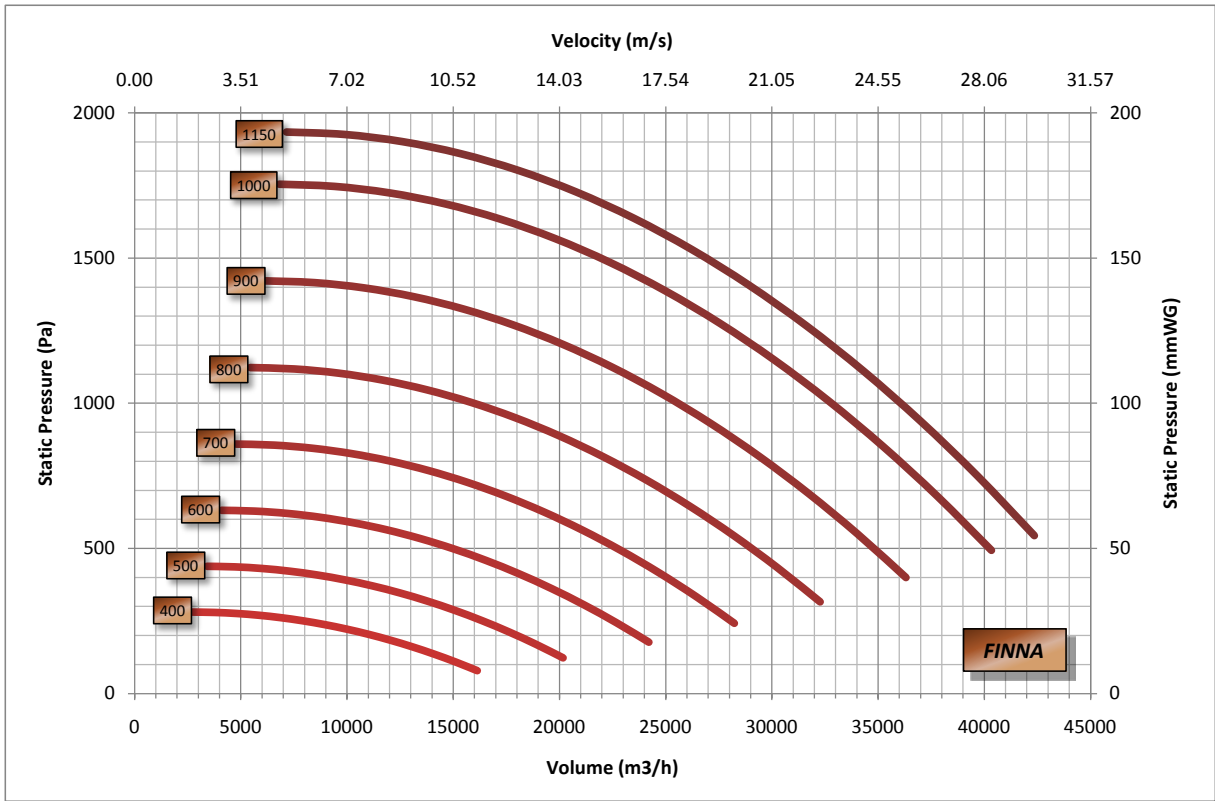
FMT 630 Performance Curve



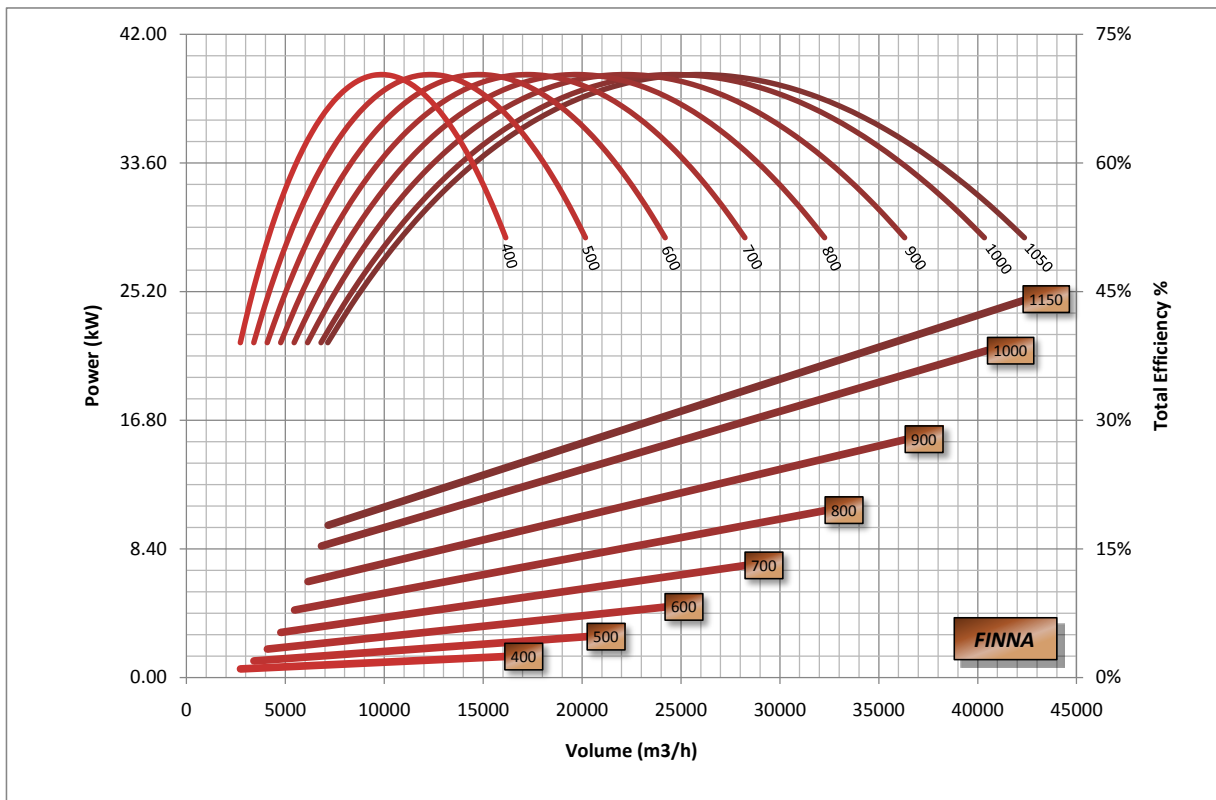
FMT 630 Power / Efficiency Curve



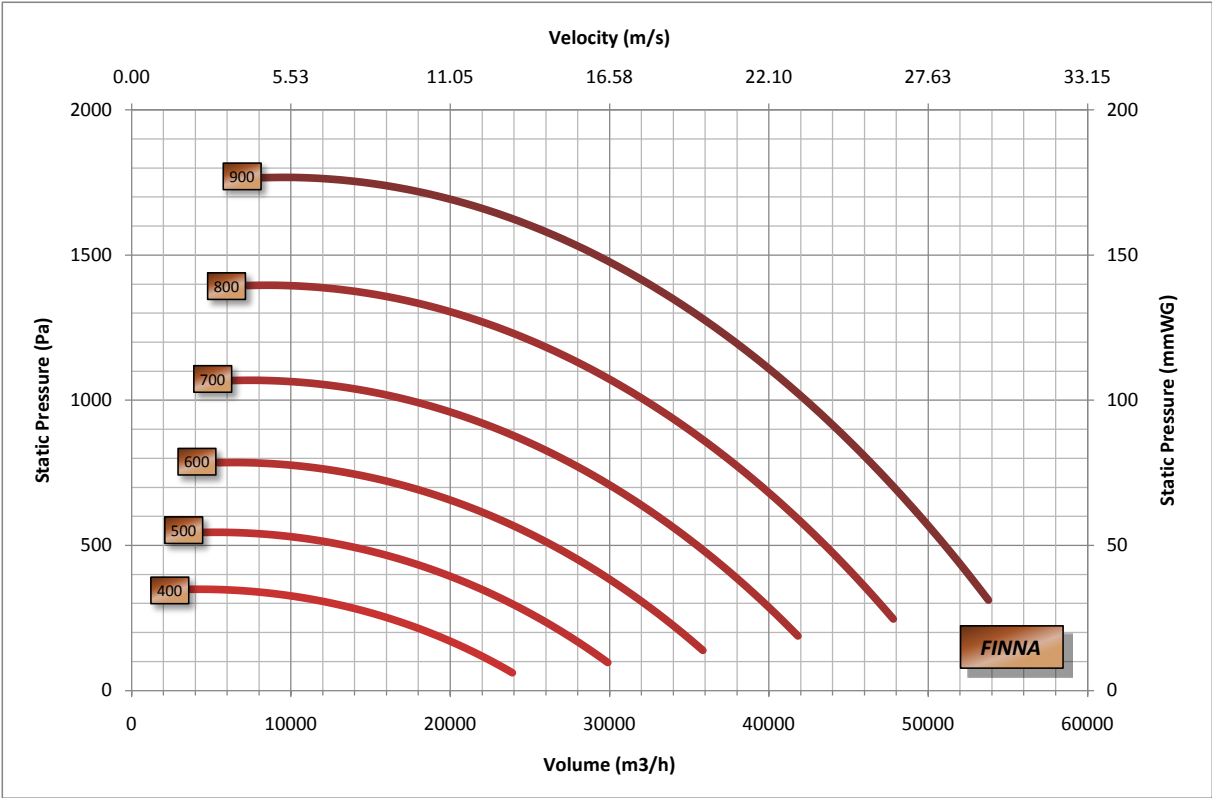
FMT 710 Performance Curve



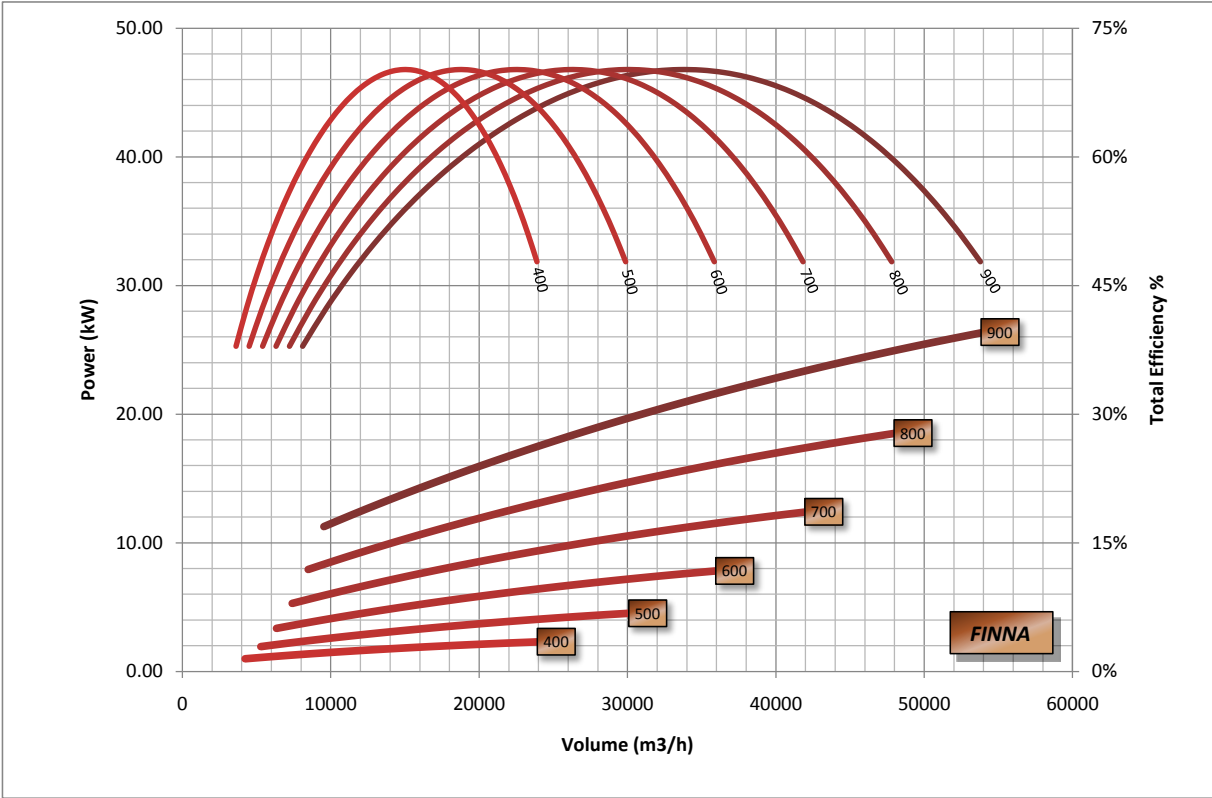
FMT 710 Power / Efficiency Curve



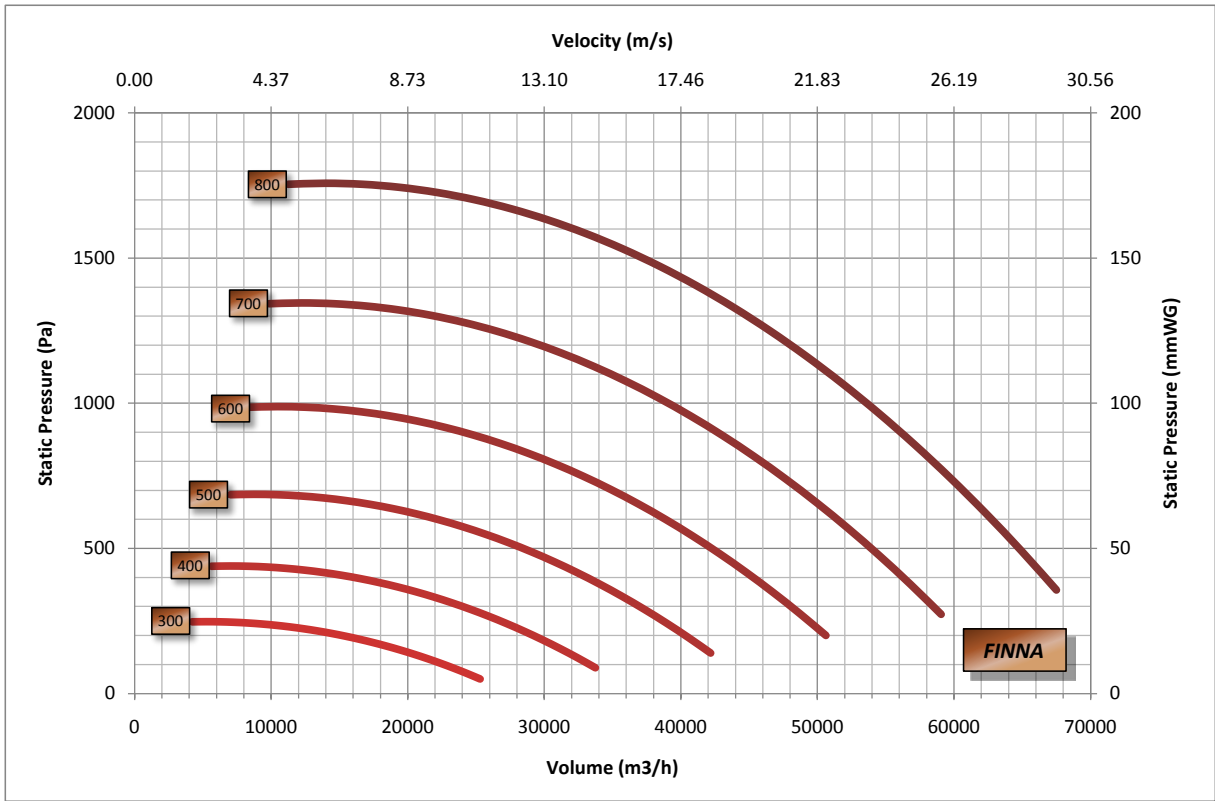
FMT 800 Performance Curve



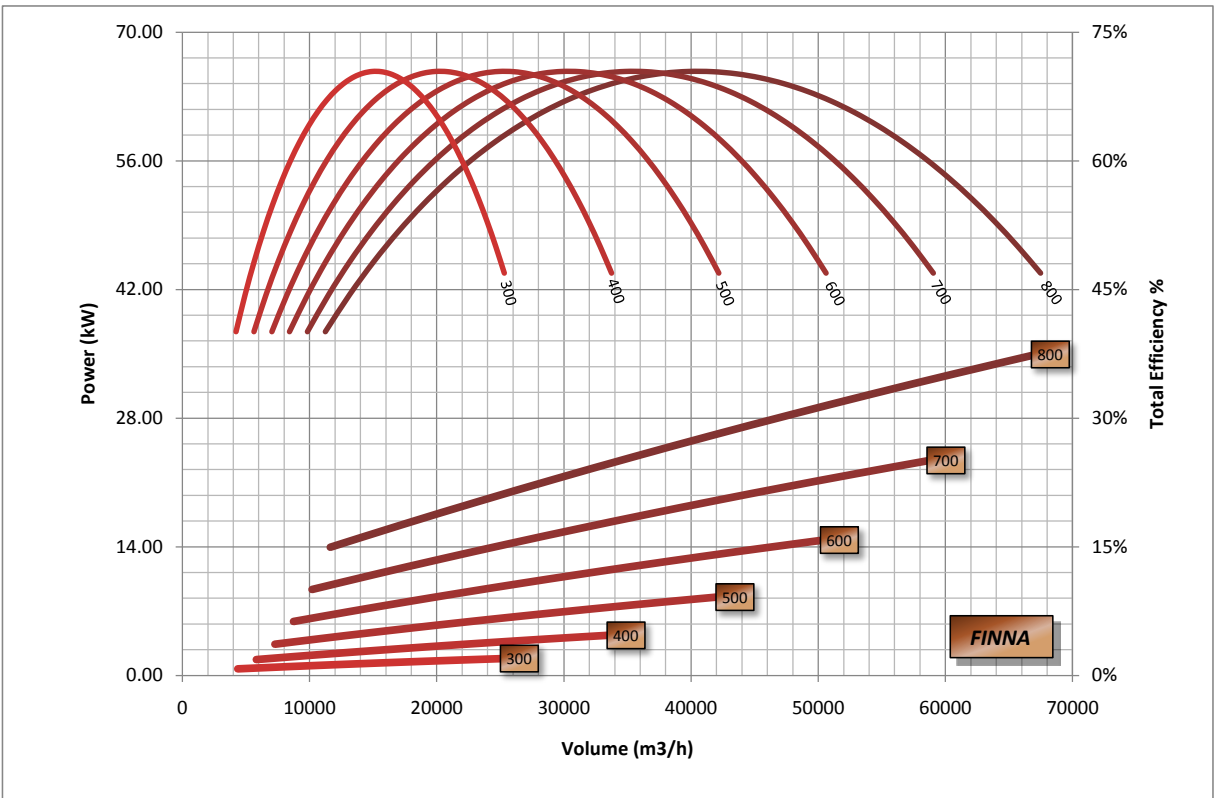
FMT 800 Power / Efficiency Curve



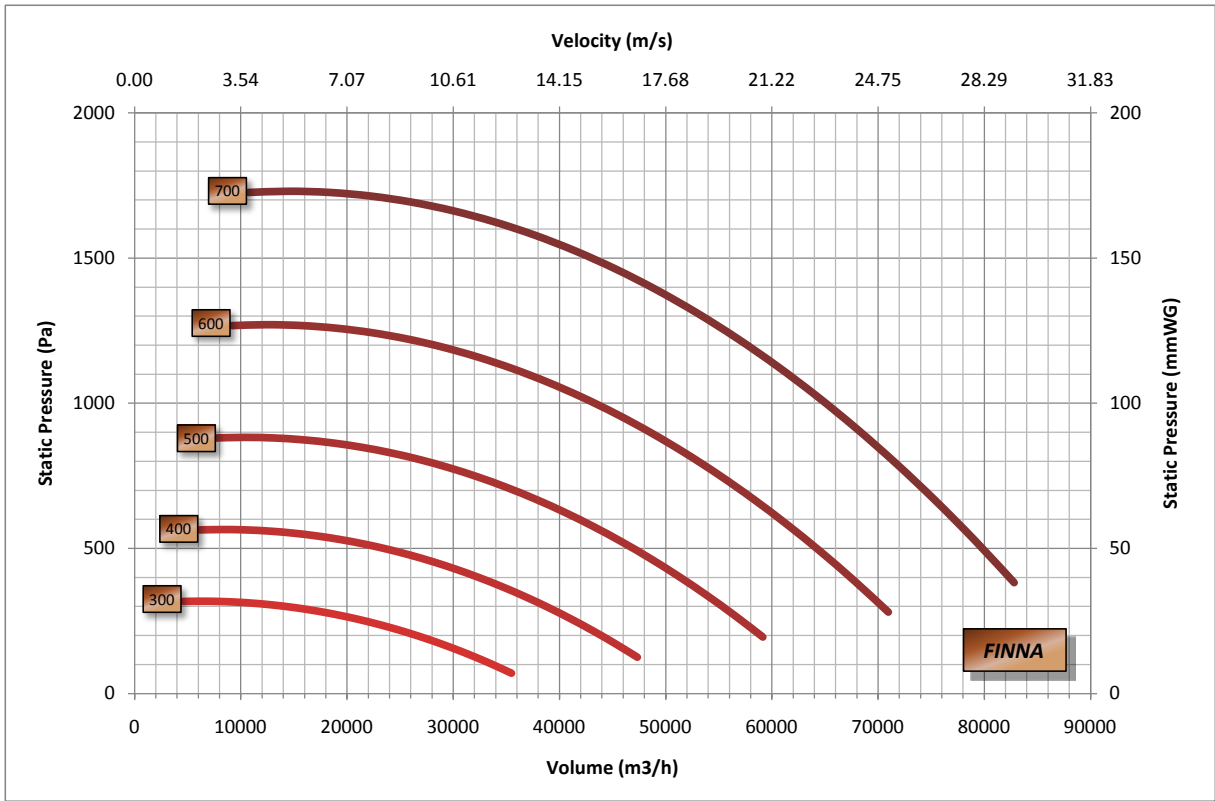
FMT 900 Performance Curve



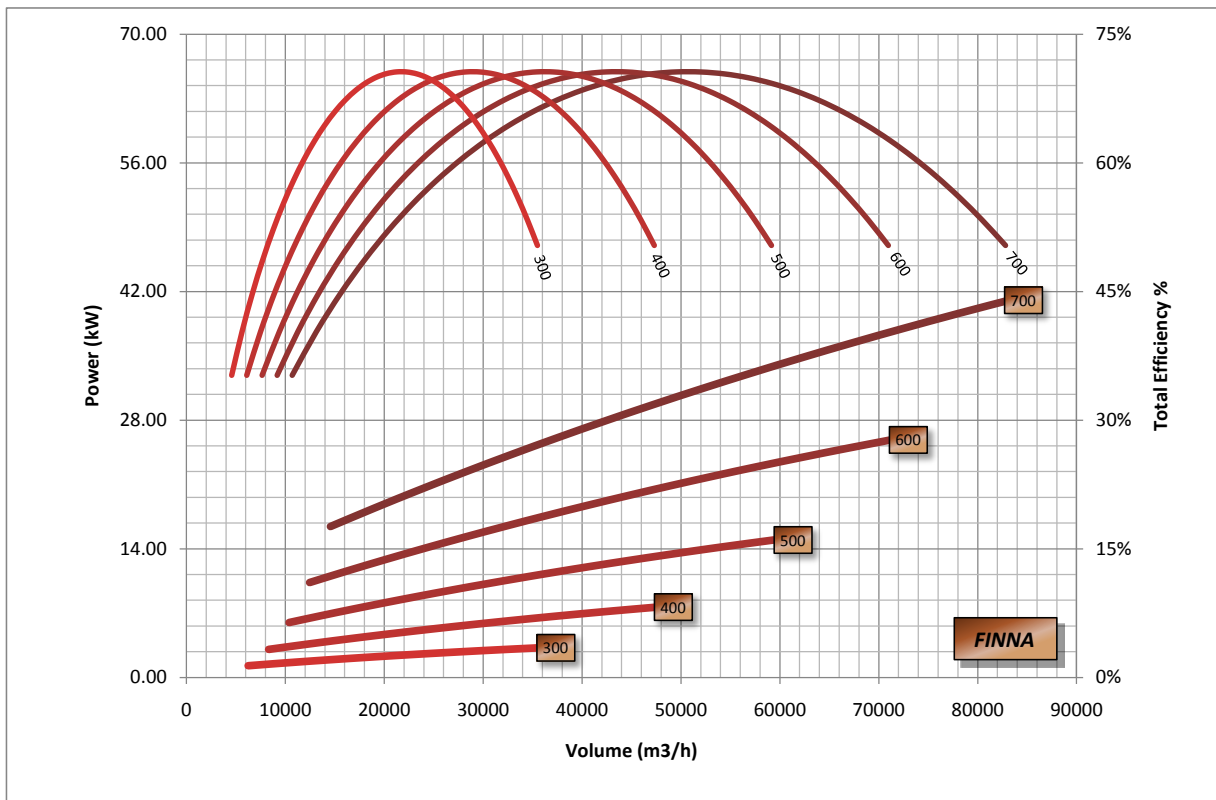
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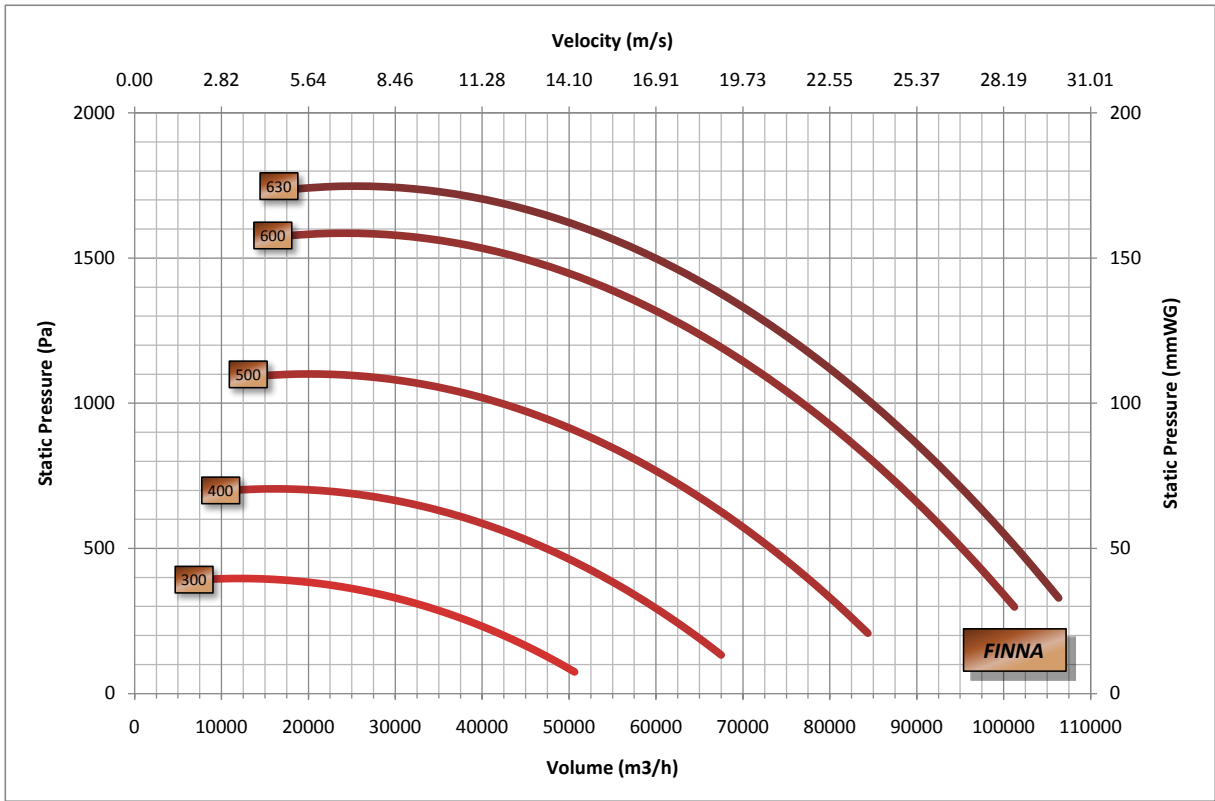
FMT 1000 Performance Curve



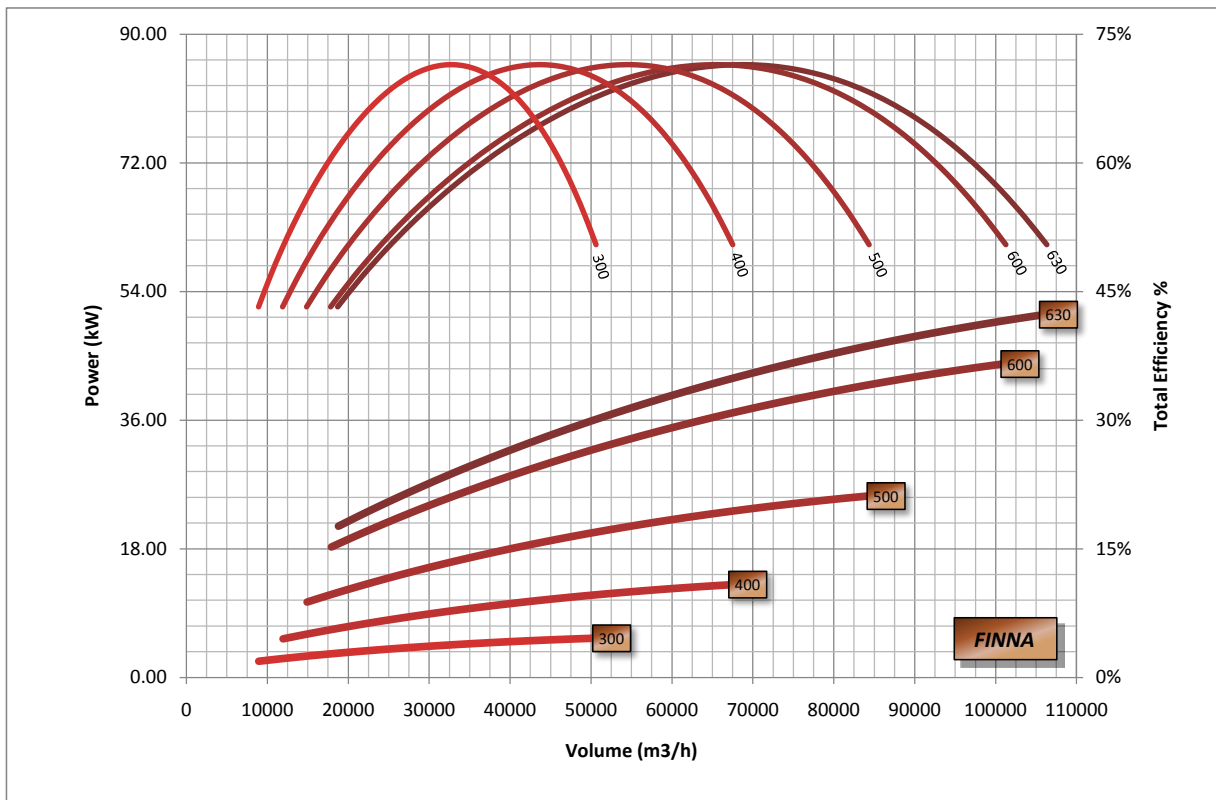
FMT 1000 Power / Efficiency Curve



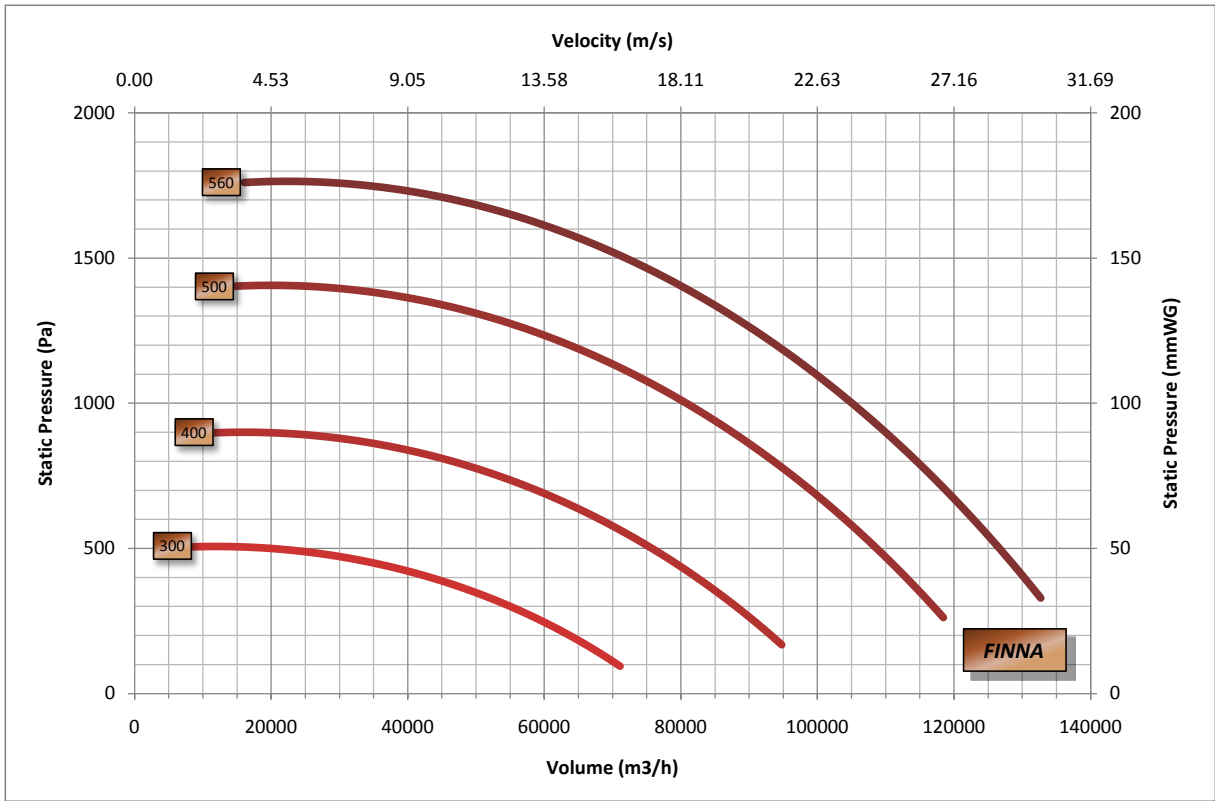
FMT 1120 Performance Curve



FMT 1120 Power / Efficiency Curve



FMT 1250 Performance Curve



FMT 1250 Power / Efficiency Curve

