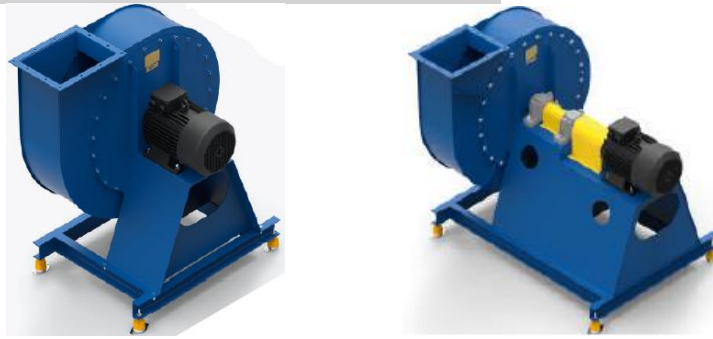


CENTRIFUGAL FANS NMPTP



APPLICATION:

Centrifugal fans NMPTP are meant for pressing of inert agent gas containing crumbled, light-weight solid particles. They are intended for transport of grind and polish dust, dry and short sawdust and filings. Concentration of loose material may not exceed 0,1kg/m³

CONSTRUCTION:

Main elements of the set such as: impeller, casing, base frame are made of standard steel of ordinary quality. In corrosion and heat-corrosion resistant executions the impeller and casing are made of steel with increased resistance to corrosion. On client's request other kinds of steel can be used.

DRIVES:

- Direct drive (1) – up to 80°C
- Indirect coupling drive (4) – up to 350°C

PROTECTION AGAINST CORROSION:

- Standard execution - painting with standard set of paints, C3 class, RAL 5009,
 - Heat resistant execution - painting with a set of paints resistant to heat up to 350°C
- Options: hot deep galvanizing, acid treatment, passivation, glass blasting, chemo-resistant painting and in C4 and C5 classes on Client's request

MOTOR :

In standard the fans are driven by three-phase electric motors in IP55 execution, insulation class F, from world-renown producers. Ambient temperature must not exceed 40°C. Motors for special execution available on Client's demand.

ATEX:

The explosion-proof fans are meant for operation in potentially explosive areas according to ATEX 94/9/WE directive. Available executions:

- Zone 2 for gases (3G)
- Zone 22 for dusts (3D)

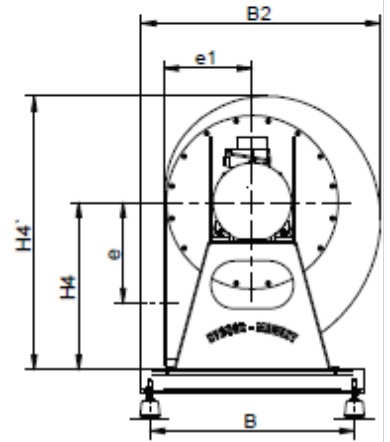
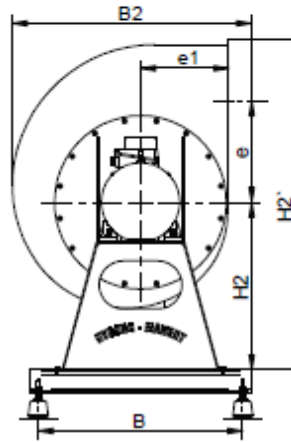
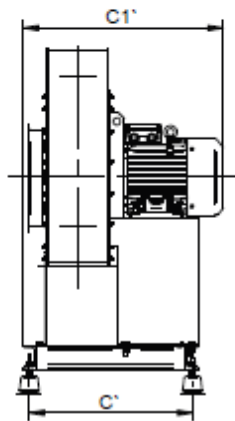
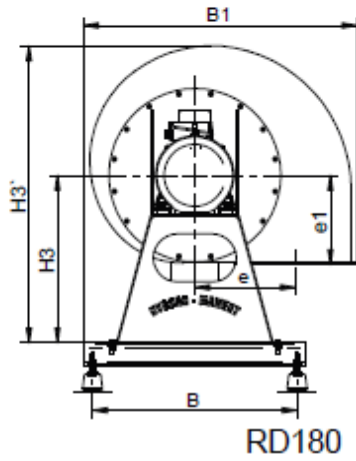
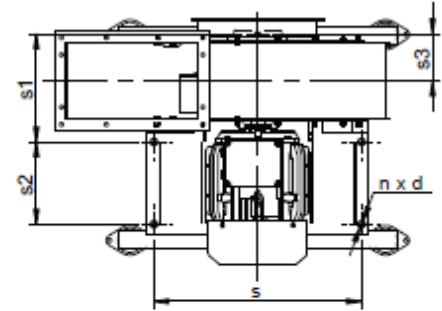
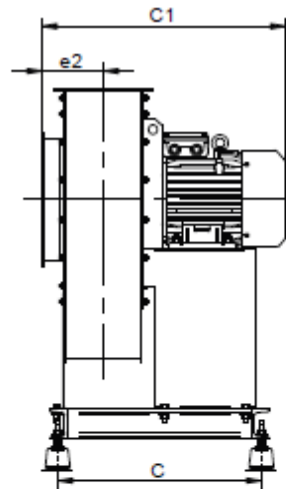
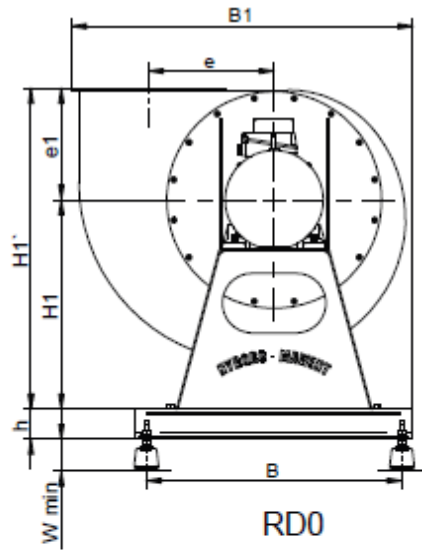
MOUNTING POSITIONS:

Each size of fan is produced with 8 locations of fan's outlet:

- Right: RD0, RD90, RS180, RD270
- Left: LG0, LG90, LG180, LG270

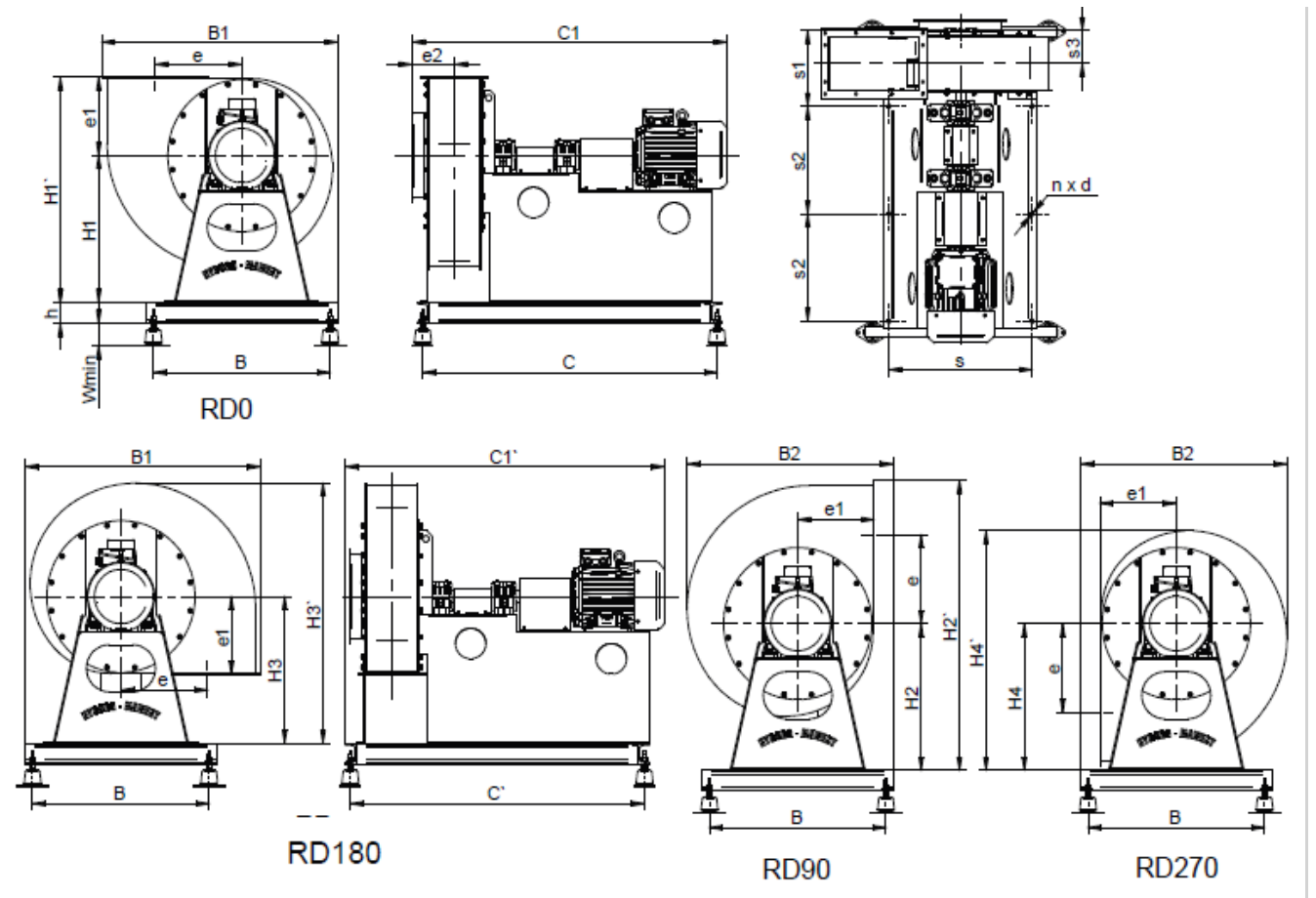
Given dimensions are visual, the producer reserve the possibility of changes.

FAN TYPE NMPTP 35,5-50 WITH DIRECT DRIVE



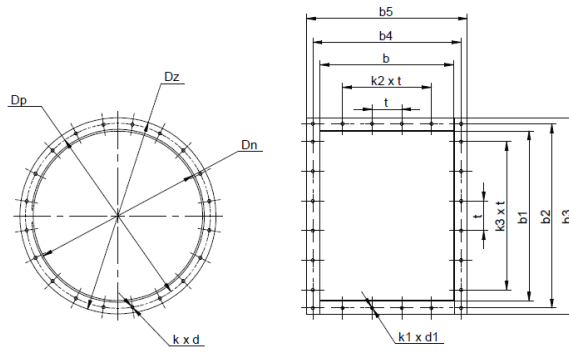
NMPTP	Motor power	Motor size	e	e1	e2	s	s1	s2	s3	H1	H2	H3	H4	H1'	H2'	H3'	H4'	B	B1	B2	C	C1	C'	C1'	h	W min	d	n	Fan weight		
	[kW]																												[mm]	[mm]	[mm]
35,5	5,5	132S-4	416	453	173	740	355	370	159	670	670	670	670	1123	1307	1208	1147	920	1127	1028	825	1009	770	921	140						400
	7,5	132M-4																													450
	11	160M-4																													700
	15	160M2-2																													
	30	200L1-2																													
40	37	200L2-2	460	501	184	830	390	370	177	750	750	750	750	1251	1453	1345	1275	1040	1253	1145	760	858	760	858	140						300
	7,5	132M-4																													450
	11	160M-4																													450
	15	160L-4																													570
	22	180M-2																													700
	37	200L2-2																													750
	45	225M-2																													750
75	280S-2	850																													
45	15	160L-4	521	563	216	830	445	710	201	800	800	800	800	1363	1589	1467	1389	1040	1378	1230	1150	1488	1220	1488	140						450
	22	180L-4																													550
	37	225S-4																													800
	45	225M-2																													850
	90	280M-2																													800
50	110	315S-2	582	625	232	830	489	570	214	890	890	890	890	1515	1775	1634	1546	1040	1541	1369	1040	1340	1040	1340	140						800
	22	180L-4																													573
	37	225S-4																													750
	45	225M-4																													800
	55	250M-4																													800
50	75	280S-2	582	625	232	830	489	570	214	890	890	890	890	1515	1775	1634	1546	1040	1541	1369	1040	1340	1040	1340	140						800
	110	315S-2																													1050

FAN TYPE NMPTP 35,5-50 WITH COUPLING DRIVE



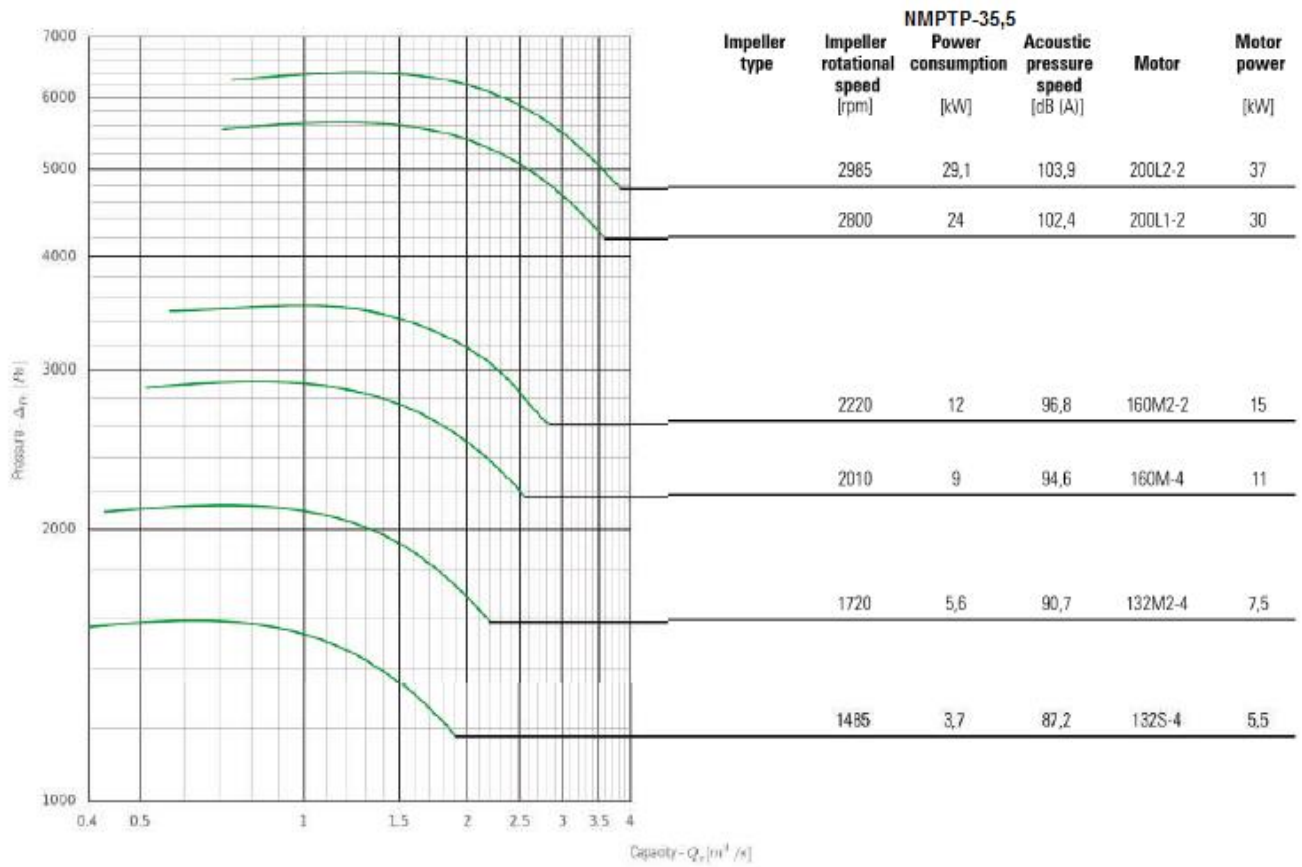
NMPTP	Motor power [kW]	Motor size	e	e1	e2	s	s1	s2	s3	H1	H2	H3	H4	H1'	H2'	H3'	H4'	B	B1	B2	C	C1	C'	C1'	h	Wmin	d	n	Fan weight
																													[kg]
35,5	5,5	132S-4	416	453	173	750	365	565	159	670	670	670	670	1123	1307	1208	1147	920	1127	1028	1495	1705	1540	1750	140	85	14	7	420
	7,5	132M2-4																											510
	11	160M-4																											510
	15	160M2-2																											610
	30	200L1-2																											700
	37	200L2-2																											790
40	7,5	132M2-4	460	501	184	830	390	510	177	750	750	750	750	1251	1453	1345	1275	1040	1253	1145	1415	1530	1455	1530	140	85	14	7	420
	11	160M-4																											510
	15	160L-4																											610
	22	180L-4																											700
	37	200L2-2																											790
	45	225M-2																											890
45	7,5	132M2-4	521	563	216	830	445	780	201	800	800	800	800	1363	1589	1467	1389	1040	1378	1230	2000	2353	2070	2353	140	85	14	7	820
	15	160L-4																											850
	22	180L-4																											890
	37	225S-4																											890
	45	225M-2																											890
	75	280S-2																											890
50	15	160L-4	582	625	232	830	489	602,5	214	890	890	890	890	1515	1775	1634	1546	1040	1541	1369	1690	1874	1740	1874	140	85	14	7	820
	22	180L-4																											850
	30	200L-4																											850
	37	225S-4																											890
	45	225M-4																											890
	55	250M-4																											940
75	280S-2	950																											
110	315S-2	1150																											

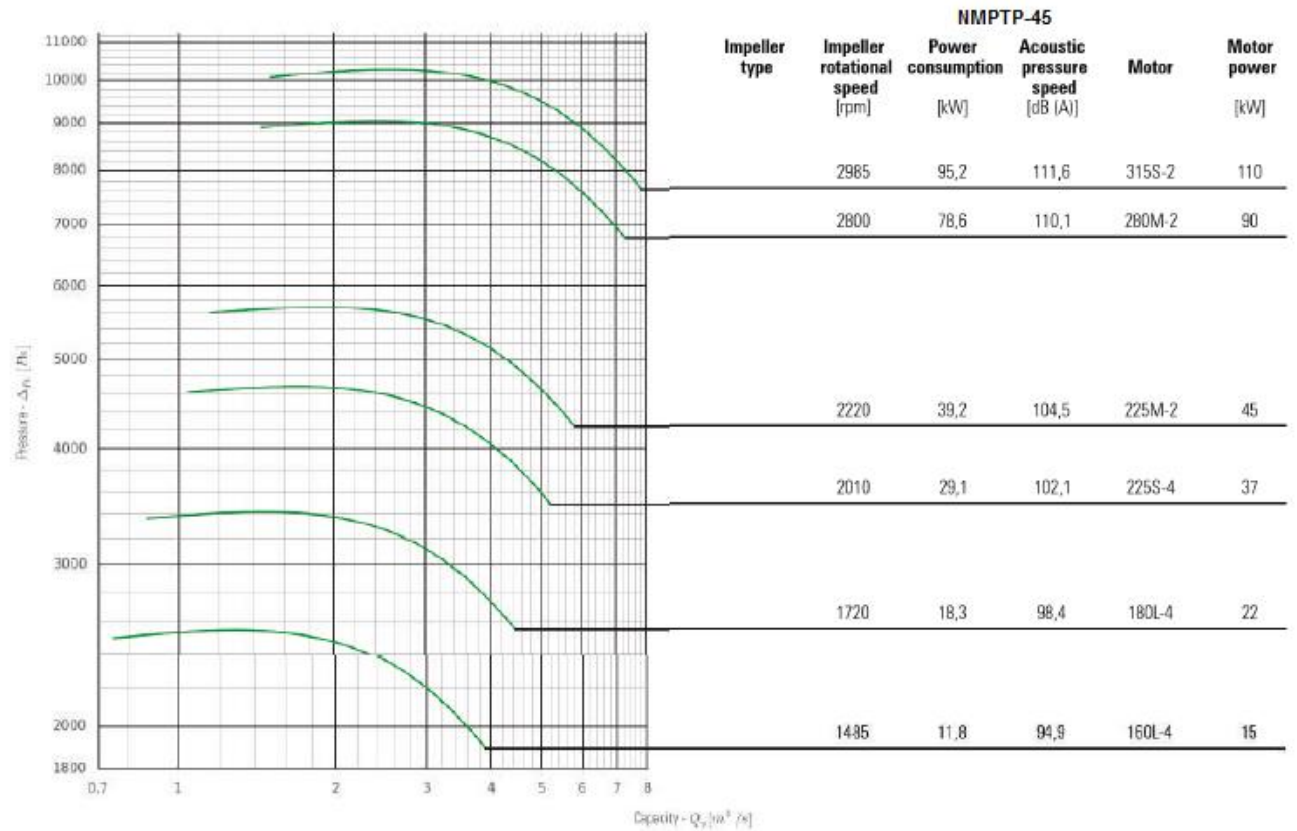
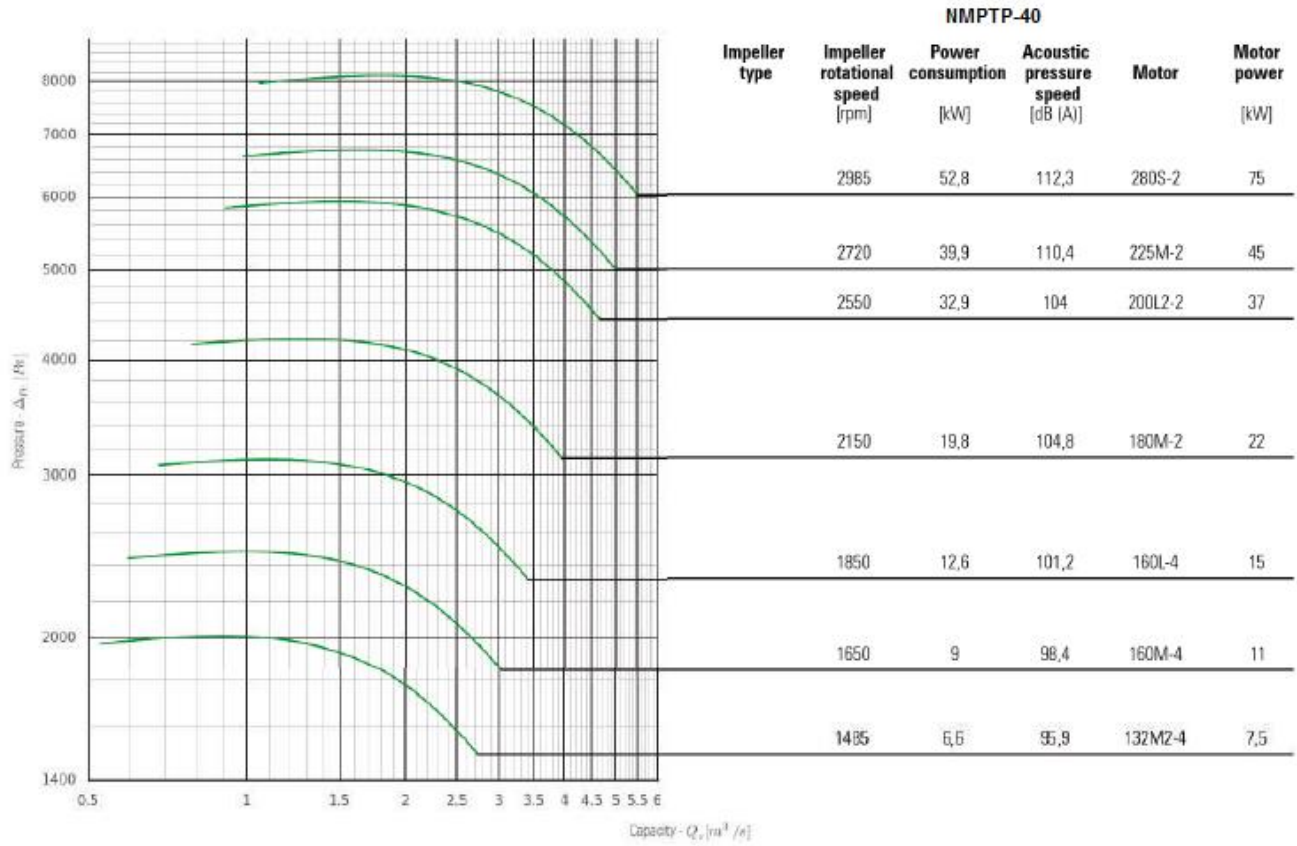
CONNECTIONS



NMPTP	Dn	Dp	Dz	b	b1	b2	b3	b4	b5	t	d	d1	k	k1	k2	k3
	[mm]												[szt.]			
35,5	355	407	444	266	355	399	411	310	352	140	12	12	8	12	1	1
40	400	446	484	300	400	444	486	344	388	140	12	12	12	12	1	1
45	450	523	574	338	450	496	536	386	426	140	14	12	12	14	1	2
50	500	573	624	275	500	570	606	445	483	140	14	15	16	16	1	3

FLOW CHARACTERISTICS





NMPTP-50

