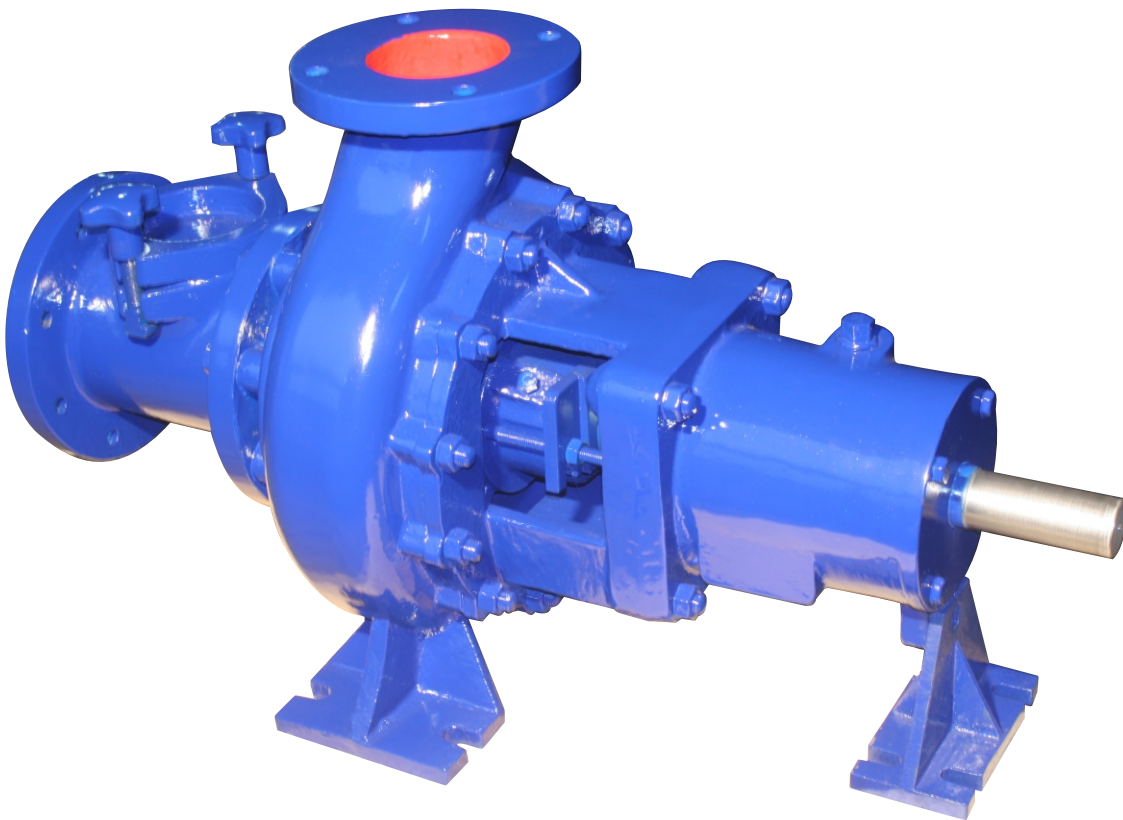




FLOWPAK

NON CLOGGING PUMP



First Choice for Innovative Solutions





INTRODUCTION

FlowPak Pump Industries started its journey on road to the success in year 2000. The core business of FlowPak is manufacturing, designing, inspection, testing & installation of various types of pumps like Turbine, Submersible, Centrifugal, Sewage Submersible, High pressure and Non Clogging pumps etc.

FlowPak pumps are the end product of many years of specialized engineering and production experience in the pump industry. We are manufacturing quality pumps according to international standards. The factory is equipped with latest machinery like imported CNC Machines, Shaft Straightening Machines and fully computerized test bed equipped with Mag Flow meters, Pressure Transmitter, Energy analyzer etc in-compliance with ISO-9906 duly certified by SGS Pakistan. Quality and reliability is built in each process from design to end product.

A quality management system according to the requirements of ISO 9001:2008 is a key part of the total quality management philosophy of the company. We believe that products are as good as quality of its components. The quality system is extensively implemented in each functional area of the company, material procurement to sales and services.

We are registered as approved manufacturer of pumping Machinery in almost all the major Government & semi Government Departments of Pakistan, such as HUD/PHE Department Punjab, Sindh, Khyber Pakhtunkhwa, Balochistan, Irrigation & Power Department Punjab, Sindh, Khyber Pakhtunkhwa, Building Department, Standardization Committee of Khyber Pakhtunkhwa, MES and so many other Departments. FlowPak is also registered with IRG/USAID, Unicef, UNDP, IRC, FSSP etc. We have supplied thousands of pumps which are giving satisfactory performance to their users.

Applications

- Sewage lift stations.
- Return activated sludge
- waste activated sludge
- Sewage bypass
- Industrial waste
- Light abrasives
- Agricultural waste
- Mining

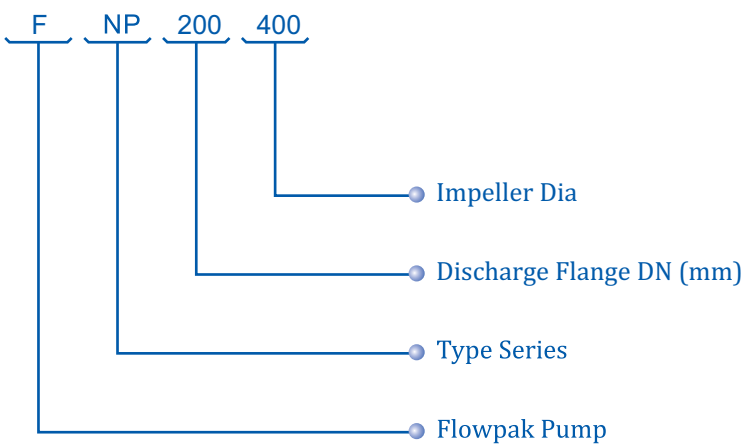
Pumping Liquid

Waste water and other Non- Corrosive liquids with soft solids in suspension. Typical application include municipal and industrial waste water treatment, food processing and storm water run-off.

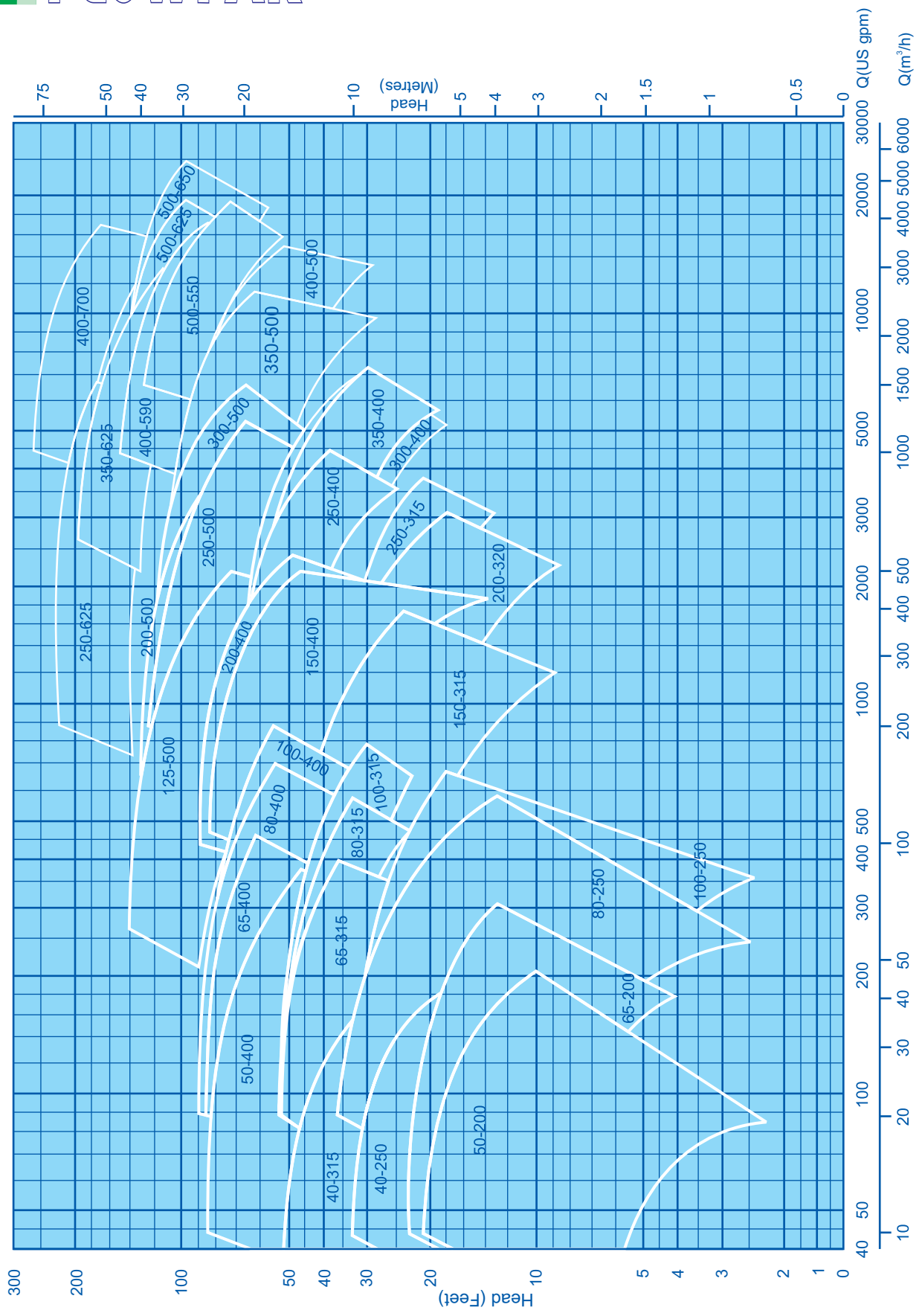
Operating Data

- | | | |
|---------------|-------|------------------------|
| • Capacity | Up to | 25000 U. S. gpm |
| • Total head | Up to | 321 Feet |
| • Speed | Up to | 2900 RPM |
| • Water temp. | Up to | 30 °c (50 °c optional) |
| • Voltage | | 400± 5% |

Model Identification Code



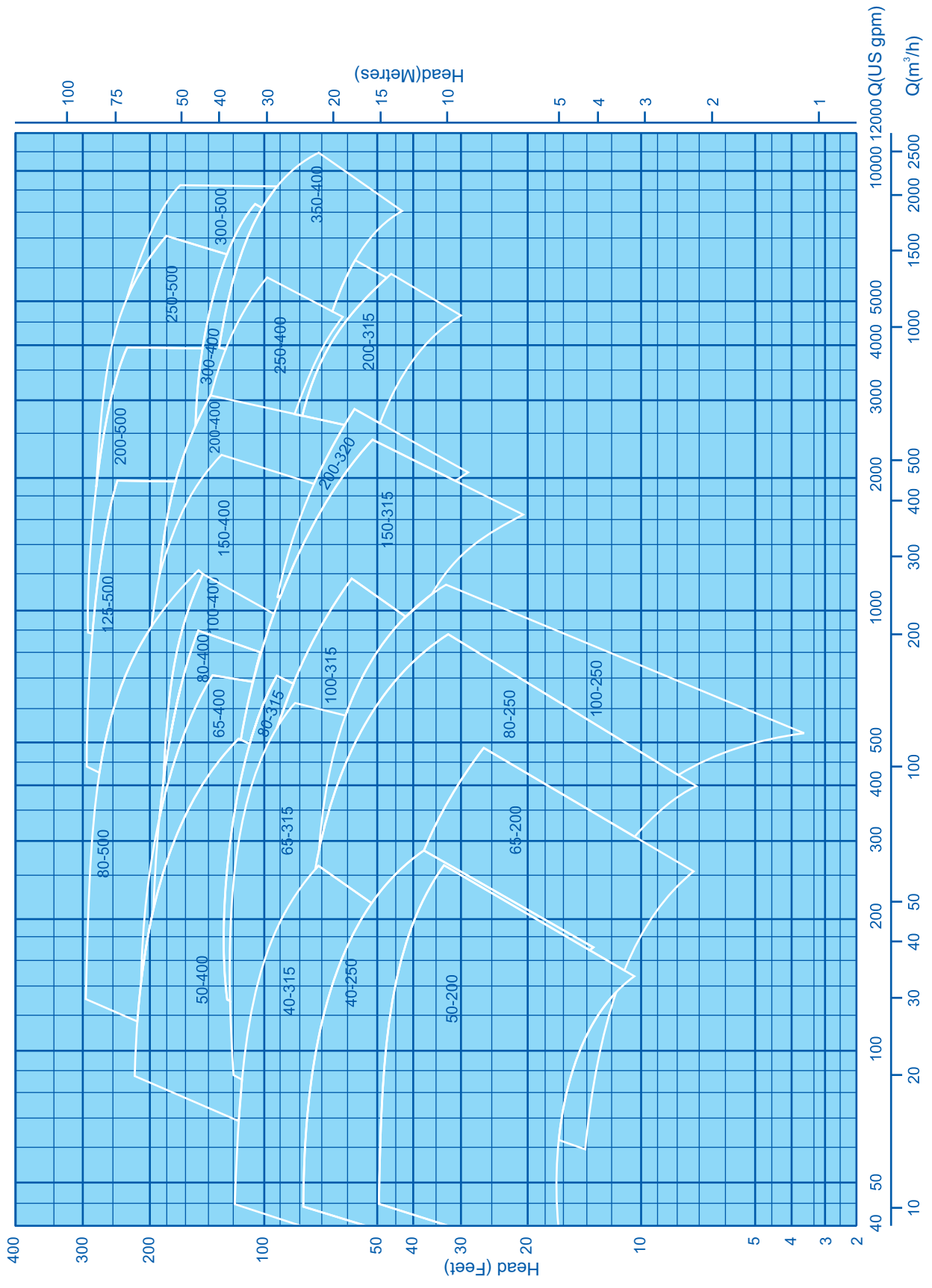
PERFORMANCE CURVE AT 960RPM



Pump Model	Flow Range (US gpm)	Head Range (Feet)	Suction / Discharge (Inch)		Motor (HP)
FNP 40-250	44-193	33-16	2	1.5	2
FNP 40-315	40-154	52-33	2	1.5	5.5
FNP 50-150	44-123	13-10	2.5	2	2
FNP 50-200	44-202	21-10	2.5	2	2
FNP 50-400	44-374	85-46	2.5	2	7.5
FNP 65-200	44-308	23-13	2.5	2.5	2
FNP 65-315	88-400	52-36	3	2.5	10
FNP 65-400	88-462	85-62	3	2.5	15
FNP 80-250	88-572	36-13	4	3	5.5
FNP 80-315	88-572	52-33	4	3	7.5
FNP 80-400	88-700	85-55	4	3	25
FNP 100-250	88-660	33-18	5	4	5.5
FNP 100-315	88-792	52-30	5	4	10
FNP 100-400	88-880	85-56	5	4	25
FNP 125-500	264-2200	144-72	6	5	80
FNP 150-315	220-1760	51-24	6	6	20
FNP 150-400	440-2200	85-46	6	6	40
FNP 200-320	440-3080	46-18	8	8	25
FNP 200-400	440-2400	89-55	8	8	50
FNP 200-500	660-3960	131-79	8	8	125
FNP 250-315	880-3740	36-21	10	10	30
FNP 250-400	880-4400	69-39	10	10	60
FNP 250-500	880-5280	125-66	10	10	130
FNP 250-625	880-6600	223-177	10	10	400
FNP 300-400	1760-7040	66-30	12	12	80
FNP 300-500	1760-6600	118-66	12	12	150
FNP 350-400	2200-7260	59-30	14	14	80
FNP 350-500	2640-11440	112-62	14	14	220
FNP 350-625	2640-13200	197-115	14	14	500
FNP 400-500	4400-14960	98-52	16	16	250
FNP 400-590	4400-17160	151-85	16	16	500
FNP 400-700	4400-17600	262-171	20	16	1000
FNP 500-550	6600-19360	128-72	20	20	500
FNP 500-625	6600-19360	144-98	20	20	600
FNP 500-650	6600-24640	164-79	20	20	650

SELECTION CHART AT 960RPM

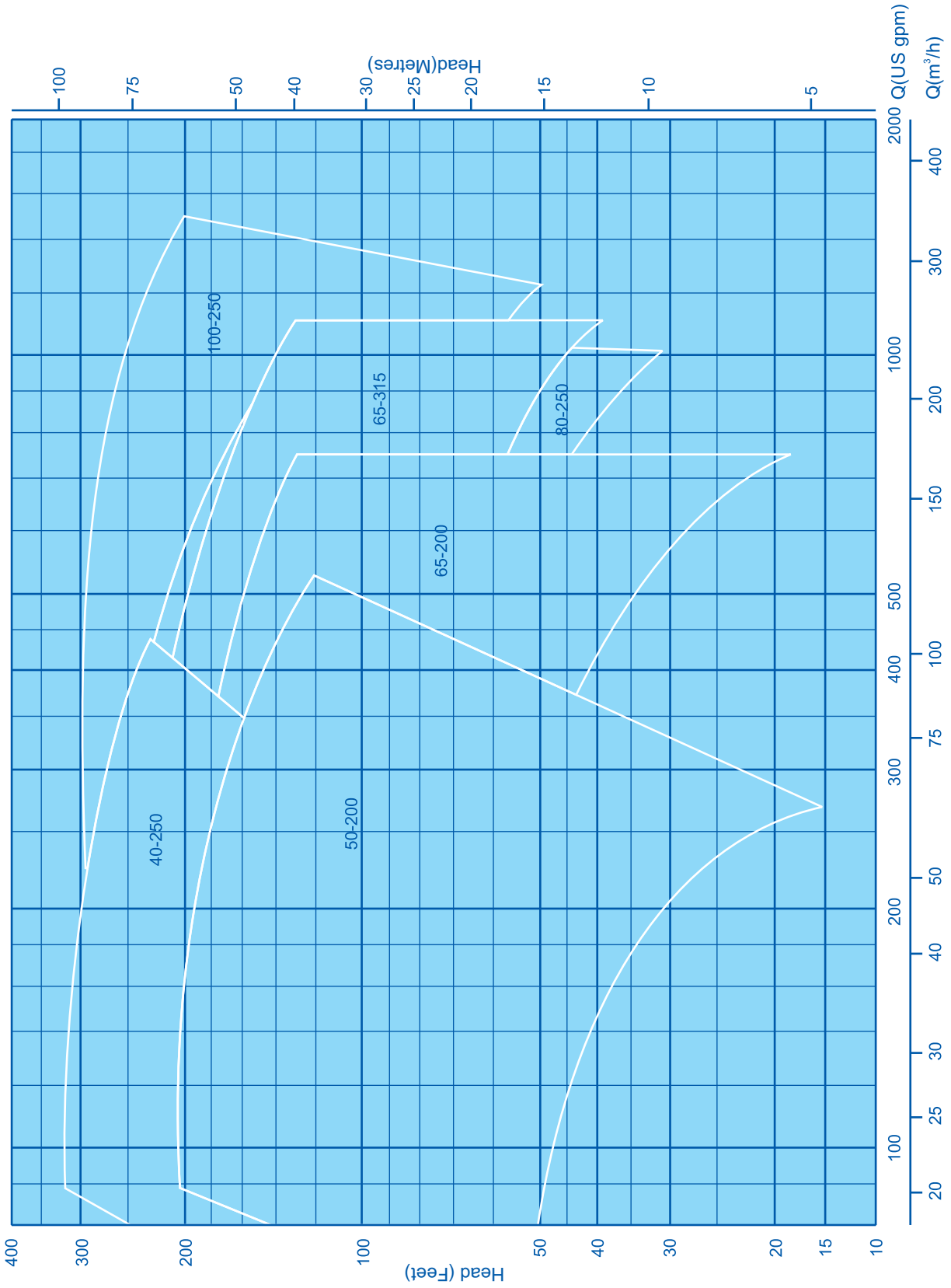
PERFORMANCE CURVE AT 1450 RPM



Pump Model	Flow Range (US gpm)	Head Range (Feet)	Suction x Discharge (Inch)		Motor (HP)
FNP 40-250	44-286	79-36	2	1.5	7.5
FNP 40-315	44-264	118-72	2	1.5	10
FNP 50-200	44-264	49-33	2.5	2	5.5
FNP 50-400	88-506	220-118	2.5	2.5	25
FNP 65-200	88-484	49-26	3	2.5	7.5
FNP 65-315	88-616	115-82	3	2.5	25
FNP 65-400	88-704	203-138	3	2.5	50
FNP 80-250	132-880	79-33	4	3	15
FNP 80-315	132-704	125-92	4	3	25
FNP 80-400	132-900	197-150	4	3	60
FNP 80-500	132-1232	295-148	4	3	100
FNP 100-250	220-1144	72-36	5	4	20
FNP 100-315	220-1188	115-59	5	4	30
FNP 100-400	220-1200	190-145	5	4	75
FNP 125-500	440-1980	295-246	6	5	225
FNP 150-315	440-2400	118-52	6	6	75
FNP 150-400	440-2260	203-130	6	6	150
FNP 200-320	660-2860	98-59	8	8	60
FNP 200-400	440-3100	190-140	8	8	150
FNP 200-500	880-3960	295-239	8	8	3500
FNP 200-315	1760-5720	85-46	8	8	100
FNP 250-400	1760-5720	151-98	10	10	200
FNP 250-500	1760-7040	279-164	10	10	450
FNP 300-400	2200-8580	151-105	12	12	275
FNP 300-500	2200-9240	262-164	12	12	500
FNP 350-400	3960-11000	131-72	14	14	275

SELECTION CHART AT 1450 RPM

PERFORMANCE CURVE AT 2900 RPM

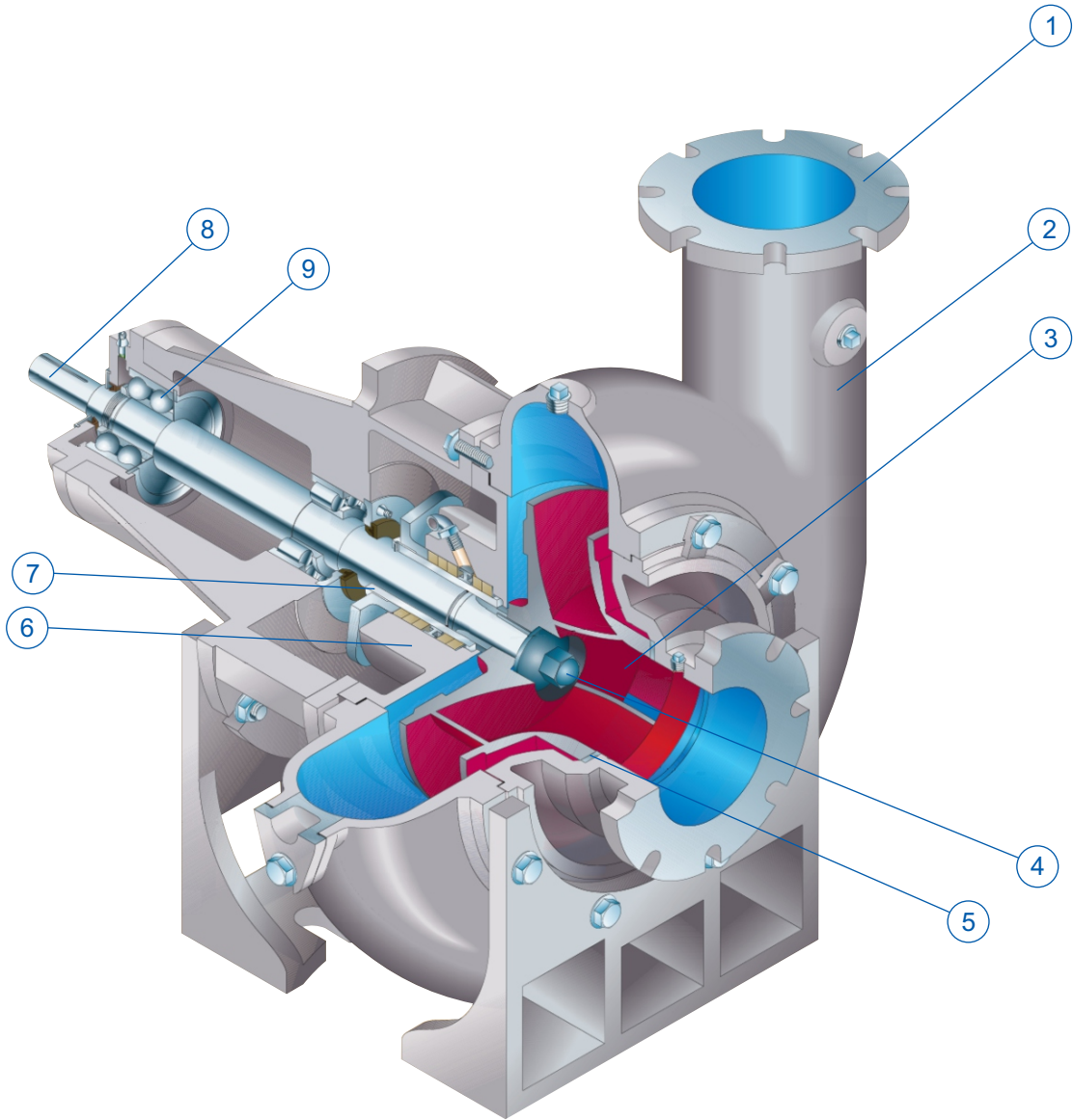


Pump Model	Flow Range (US gpm)	Head Range (Feet)	Suction / Discharge (Inch)		Motor (HP)
FNP 40-250	88-440	321-230	2	1.5	50
FNP 50-200	88-528	203-121	2.5	2	30
FNP 65-200	132-748	197-131	3	2.5	35
FNP 65-315	132-1056	295-131	3	2.5	80
FNP 80-250	264-1100	230-131	4	3	60
FNP 100-250	220-1500	295-200	5	4	100

SELECTION CHART AT 2900 RPM

Sr.	Description	Standard	Engineered
1	Discharge Flange	Grey Cast Iron, GG-25	Bronze,Stainless Steel
2	Volute Casing	Grey Cast Iron, GG-25	Bronze,Stainless Steel
3	Impeller	Grey Cast Iron, GG-25	Bronze,Stainless Steel
4	Impeller Nut	Steel	Stainless Steel
5	Wear Ring	Steel	Stainless Steel
6	Gland Box	Cast Iron	Ni. Cast Iron
7	Shaft Sleeve	Carbon Steel	Stainless Steel
8	Shaft	Carbon Steel	Stainless Steel
9	Bearing	Carbon Steel	Carbon Steel

Note:
Pumps can also be supplied with stainless steel execution (Fabricated/Casted Steel)



SECTIONAL VIEW

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