



INP STANDARD LINE

RELIABLE

SUBMERSIBLE PUMP SYSTEM

INP Standard submersible pumps have been proved in more than 8,000 active wells, demonstrating reliable operation in challenging downhole environment.

The pump stages - both impeller and diffuser - are made of Ni-Resist alloy and perfectly handle abrasive and corrosive oil well fluid or sand ingress.

We improved pump stages design so each stage produces greater amount of dynamic head. That is why for the same total head value our pumps require less number of stages as compared with oth world-leading manufactures.

That makes the system cost-effective since greatly reduces maintenance and repair costs, makes the system more 'maintenance-friendly' and easy to install.



PUMP SERIES	OD	NOMINAL FLOW RANGE	HEAD	EFFICIENCY RATE
362	3.62 in	189-943 bpd @60Hz	26.5 ft	36-59 %
	92 mm	25- 125 m ³ /d @50Hz	5.6 m	
406	4.06 in	453-5585 bpd @60Hz	26.9 ft	44-69 %
	103 mm	60-740 m ³ /d @50Hz	5.7 m	
535	5.35 in	4754-9811 bpd @60Hz	52.4 ft	66-75%
	136 mm	630-1300 m ³ /d@50Hz	11,1 m	



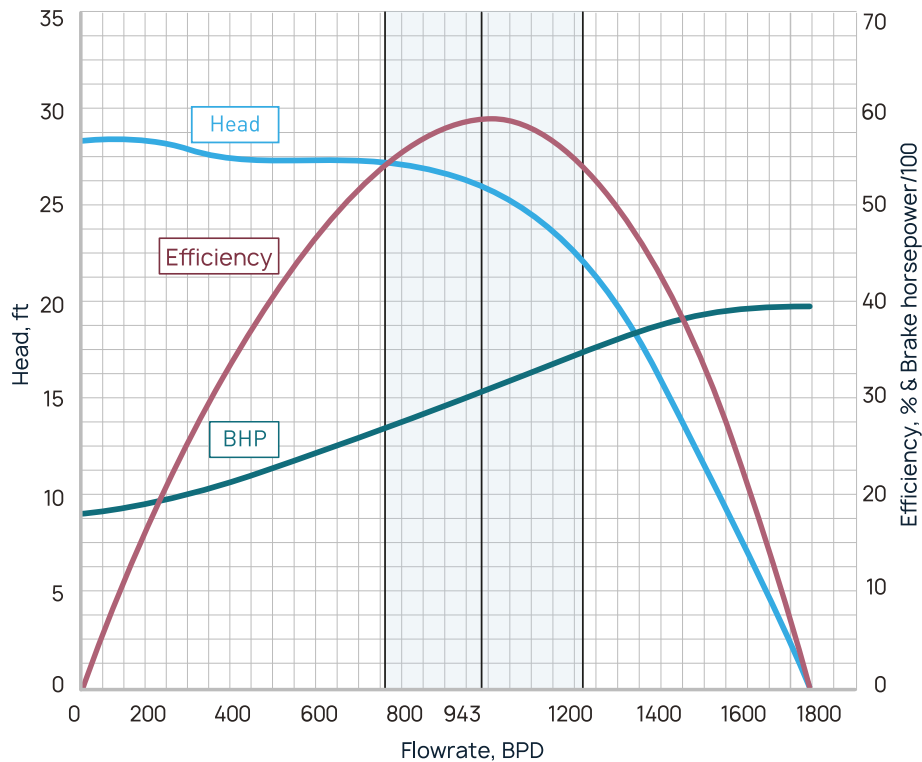
BENEFITS

- ◆ High efficiency and reduced ESP length
- ◆ Smooth fall of efficiency factor throughout lifecycle
- ◆ Less vibration and unnecessary power consumption

ASSEMBLY TYPES

- ◆ Floating
- ◆ Semi-compressed
- ◆ Compressed

362.NP.945.XXXX PUMP PERFORMANCE CURVE @60HZ/3500 RPM



STAGE CHARACTERISTICS

Q, BPD	H, ft	N*100, BHP	Efficiency
0	28,3	17,9	0
226	27,9	20,2	23
453	27,4	22,6	41
717	26,9	26,6	54
943	26,0	31,0	59
1170	21,7	35,0	54
1358	15,6	37,6	42
1698	0,0	39,5	0