

Artificial Lift

Gas Handler Pumps

SG-513 Series
Gas Handler Pumps

SGNPSH Pump

Click on a button below to view more information

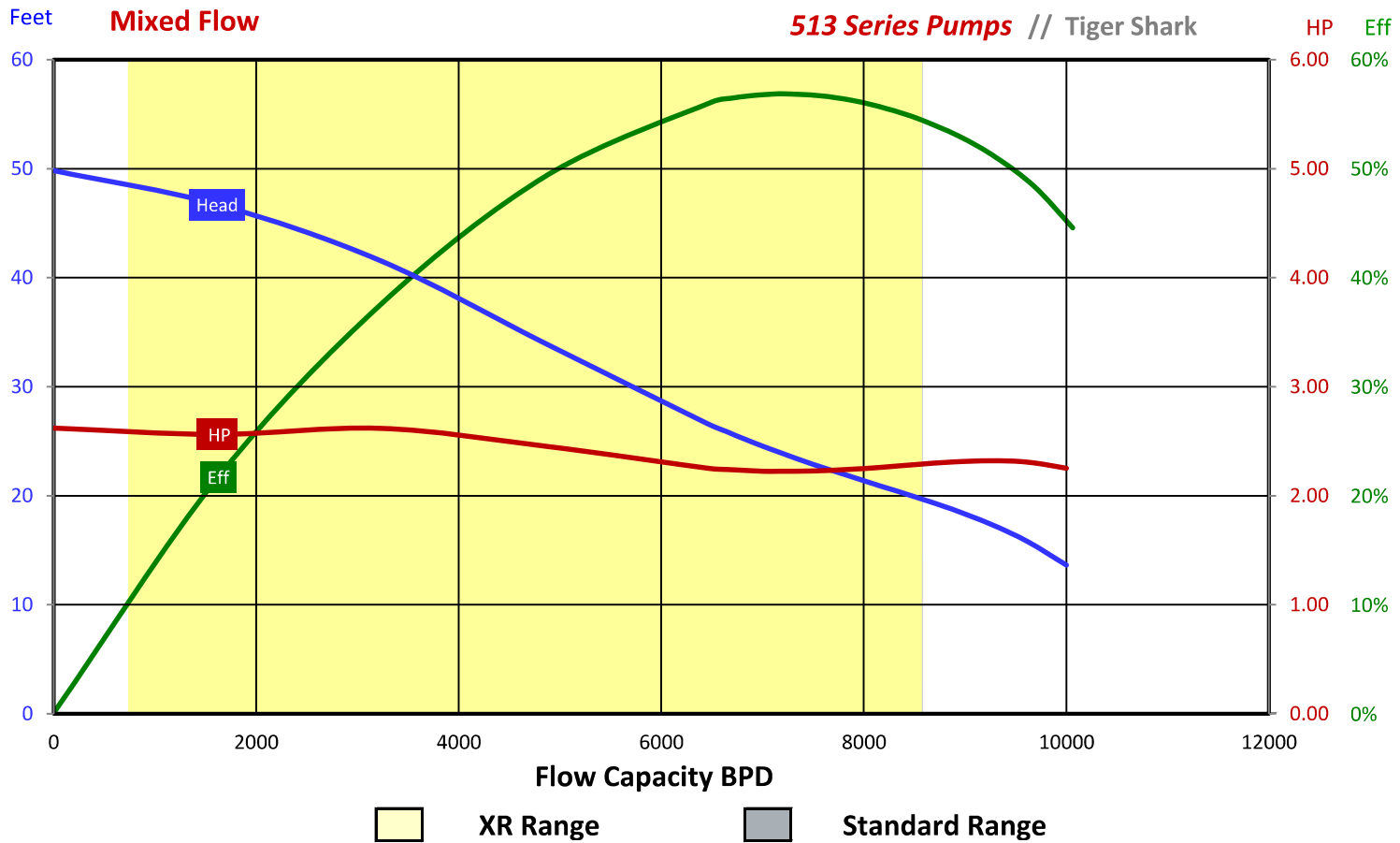
[Performance Data](#)

[Engineering Data](#)

[Dimensions](#)

PUMP PERFORMANCE CURVE

S.G.1.0 | 1 Stage | 3,500 RPM | 60 Hz



SGNPSH Pump

ENGINEERING DATA

Click on a button below to view more information

Performance Data

Engineering Data

Dimensions

XR operating range	750–8,740 BPD
BEP flow rate	7,381 BPD
Housing diameter	5.13inch
Minimum casing size	6.625inch
Shaft diameter	0.875 inch
Shaft area	0.6013sq. inch
Standard shaft limit	285 HP
High-strength shaft limit	467 HP

Floater operating range	N/A
Fluid specific gravity	1
Rotation	CW
Standard housing pressure limit	5,000 PSI
High-pressure housing limit	6,000 PSI
Standard pump construction	Floater
Optional pump construction	XR
Stage geometry	Mixed

SGNPSH Pump

PUMP DIMENSIONS

Click on a button below to view more information

Performance Data

Engineering Data

Dimensions

Housing	Stages	Length		Weight	
		ft	m	lb	kg
1	2	2.1	0.6	78	35
2	5	3.5	1.1	145	66
3	9	4.9	1.5	213	97
4	12	6.3	1.9	272	123
5	15	7.7	2.3	340	154
6	18	9.1	2.8	407	185
7	21	10.5	3.2	467	212
8	25	11.9	3.6	535	243
9	28	13.3	4.1	602	273
10	31	14.7	4.5	662	300
11	34	16.1	4.9	730	331
12	37	17.5	5.3	789	358
13	41	18.9	5.8	857	389
14	44	20.3	6.2	924	419
15	47	21.7	6.6	984	446

SGGH7000 Pump

Click on a button below to view more information

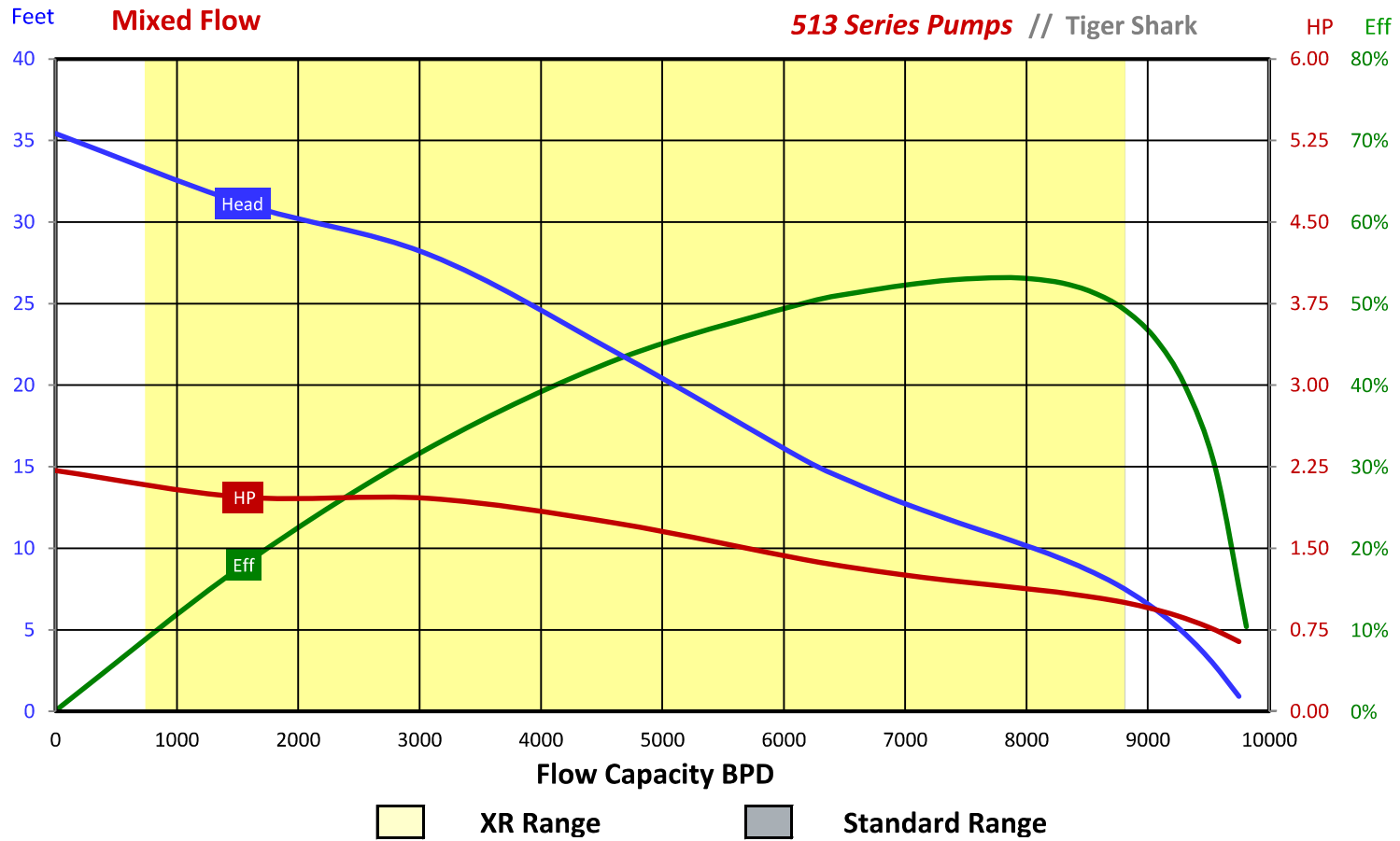
[Performance Data](#)

[Engineering Data](#)

[Dimensions](#)

PUMP PERFORMANCE CURVE

S.G.1.0 | 1 Stage | 3,500 RPM | 60 Hz



SGGH7000 Pump

ENGINEERING DATA

Click on a button below to view more information

Performance Data

Engineering Data

Dimensions

XR operating range	750–8,500 BPD
BEP flow rate	7,105 BPD
Housing diameter	5.13 inch
Minimum casing size	6.625 inch
Shaft diameter	1 inch
Shaft area	0.7854 sq. inch
Standard shaft limit	409 HP
High-strength shaft limit	671 HP

Floater operating range	N/A
Fluid specific gravity	1
Rotation	CW
Standard housing pressure limit	5,000 PSI
High-pressure housing limit	6,000 PSI
Standard pump construction	Floater
Optional pump construction	XR
Stage geometry	Mixed

SGGH7000 Pump

PUMP DIMENSIONS

Click on a button below to view more information

Performance Data

Engineering Data

Dimensions

Housing	Stages	Length		Weight	
		ft	m	lb	kg
1	3	2.1	0.6	78	35
2	7	3.5	1.1	145	66
3	11	4.9	1.5	213	97
4	15	6.3	1.9	272	123
5	19	7.7	2.3	340	154
6	23	9.1	2.8	407	185
7	27	10.5	3.2	467	212
8	31	11.9	3.6	535	243
9	35	13.3	4.1	602	273
10	39	14.7	4.5	662	300
11	43	16.1	4.9	730	331
12	47	17.5	5.3	789	358
13	51	18.9	5.8	857	389
14	55	20.3	6.2	924	419
15	59	21.7	6.6	984	446