
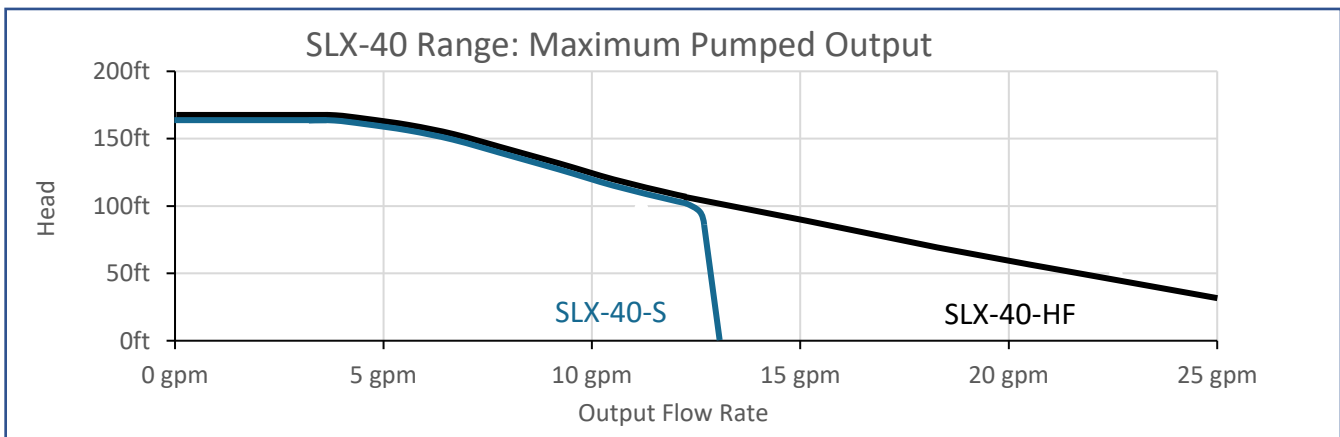


## FLEXEXTEND SLX-40-HF

The FlexExtend SLX-40-HF is the High Flow version of Impact Pumps’ revolutionary Surface Lift Extender for surface pumps. The FlexExtend SLX-40-HF brings water from wells and boreholes up to 165ft deep and 4” or more in diameter into the range of larger solar/electric surface pumps and small gasoline engine pumps.

SOLUTION OVERVIEW	
Head	max. 165ft
Output Flow Rate	max. 26.5gpm

HIGH FLOW SURFACE LIFT EXTENDER	
FLEXEXTEND SLX-40-HF	
BENEFITS	
5 year warranty	
Safe to run dry	
Sand, silt and salt tolerant	
Zero submerged electronics	
TECHNICAL DATA	
Efficiency	max. 85%
Borehole diameter	min. 4 inch
Water temperature	32°F - 113°F
Premium materials	Stainless steel AISI 304

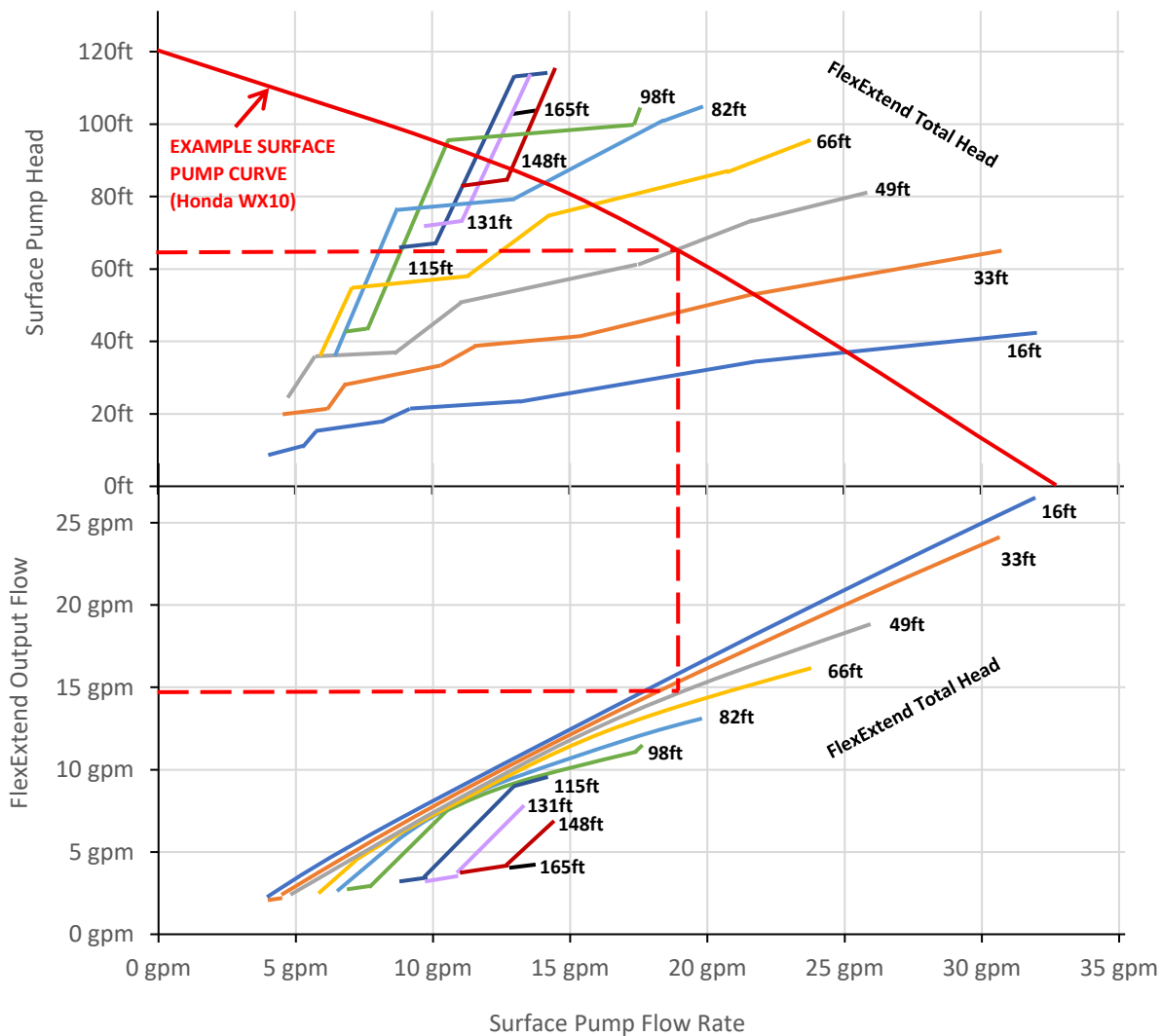


## FLEXEXTEND SLX-40-HF

Use the chart below to determine the Output Flow rate that a SLX-40-HF can deliver from your chosen surface pump, or to choose a surface pump to power the SLX-40-HF to achieve a given Output Flow rate.

### PUMP CHART

SLX-40-HF surface drive pump selection



#### How to use the chart:

Plot your surface pump's head-flow curve from the surface pump datasheet on the top chart. Select the coloured line that best matches the total head (from FlexExtend intake level to discharge level) of your application and mark the point that this intersects your surface pump curve. Draw straight



## FLEXEXTEND SLX-40-HF

lines as shown to read off surface pump head and flow and FlexExtend output flow rate as shown in the worked example.

Note: The above chart reflects real-world Impact Pumps data at 77°F water temperature, including losses from 1 ¼" O.D. PN16 HDPE pipes. Performance data published by electric submersible-pump manufacturers should be corrected for pipe-flow friction and cable losses (not normally included) for comparison. These losses often reduce wire to water efficiencies by 5% or more.

## DIMENSIONS AND WEIGHTS

FLEXEXTEND SLX-40-HF	
High Flow Submersible Unit	
Outside diameter	max. 3.78 inches
Length	max. 27.9 inches
Weight	6.2lbs
Rising Main needed	HDPE 1 ¼" I.D.
Box (including Well Head and Quick Connections Accessories Kit)	
Dimensions	29.5 x 24.6 x 8.5 inches
Total weight	35.7lbs

For ease of installation and use, we recommend purchasing Impact Pumps' Well Head and Quick Connections Accessories Kit, available separately from registered dealers. Pipes and tank not supplied. To complete a basic installation, refer to our installation guide and purchase tank, pipes/pipe clips and air vessel separately.

**NOTE: FOR OUTPUTS CORRESPONDING TO SURFACE PUMP HEADS GREATER THAN 90ft, THE STANDARD RELIEF VALVE SUPPLIED WITH IMPACT PUMPS' WELL HEAD SHOULD BE REPLACED WITH A RELIEF VALVE WITH 51 OR 58 psi RATING.**