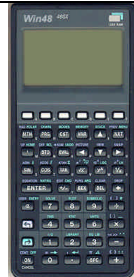


Program Version	Creation Date	Program Author	Country	Calculator	ROM Version
1.03	10/30/2001	Miguel Angel CAPORALINI HERK	 ARGENTINA		HP48-R
Program Title					
<b>Centrifugal Pumps (Calculus) for All Industries</b>					
Library Number			Checksum (CRC)	Bytes	
<b>L909 – CEPUMP</b>			<b># 5A51h</b>	<b>11502.5</b>	

I'm writing this program in UsrRPL Language and after create a Library (L909 - CEPUMP), wich allow calculate for a Centrifugal Pumps :

In The Calculator	Description & Units
<input type="checkbox"/> 0- Pump Performance	<input type="checkbox"/> <u>Diameter Change Only</u> <input type="checkbox"/> New Capacity - U.S. gpm <input type="checkbox"/> Head - feet <input type="checkbox"/> Brake Hosepower – bhp <input type="checkbox"/> <u>Speed Change Only</u> <input type="checkbox"/> New Capacity - U.S. gpm <input type="checkbox"/> Head - feet <input type="checkbox"/> Brake Hosepower - bhp <input type="checkbox"/> <u>Diameter &amp; Speed Change</u> <input type="checkbox"/> New Capacity - U.S. gpm <input type="checkbox"/> Head - feet <input type="checkbox"/> Brake Hosepower - bhp
<input type="checkbox"/> 1- Total Head	<input type="checkbox"/> Total Head - feet
<input type="checkbox"/> 2- Suction Eye Veloc.	<input type="checkbox"/> Suction Eye Velocity - feet per second
<input type="checkbox"/> 3- Peripheral Velocity	<input type="checkbox"/> Peripheral Velocity - feet per second
<input type="checkbox"/> 4- Velocity Head	<input type="checkbox"/> Velocity Head - feet
<input type="checkbox"/> 5- Water Horsepower	<input type="checkbox"/> Water Horsepower - whp
<input type="checkbox"/> 6- Brake Horsepower	<input type="checkbox"/> Brake Horsepower - bhp
<input type="checkbox"/> 7- Torque	<input type="checkbox"/> Speed Torque Relation - foot pounds
<input type="checkbox"/> 8- Specific Speed	<input type="checkbox"/> Specific Speed - rpm
<input type="checkbox"/> 9- Suction Specific Speed	<input type="checkbox"/> Suction Specific Speed - rpm
<input type="checkbox"/> 10- Temperature Rise	<input type="checkbox"/> Temperature Rise - °F
<input type="checkbox"/> 11- Nominal Work Pressure	<input type="checkbox"/> Nominal Work Pressure - psi
<input type="checkbox"/> 12- N.P.S.H.A.	<input type="checkbox"/> Net Positive Suction Head Available - feet

Important : Consult O.E.M.(Original Equipment Manufacturer) for mayor details to design, materials and tolerances of centrifugal pump.

For any questions, please contact me :

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