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Grundfos Quotation System 9.0.1.26



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Performance Datasheet
Additional Data
Multiple Conditions

Header Information

Performance Details

PACO Model : 40127 VL

Stages : 1

Operating Conditions ⓘ

Flow, rated : 400.0 USgpm

Differential head / pressure, rated (requested) : 104.0 ft

Differential head / pressure, rated (actual) : 104.0 ft

Suction pressure, rated / max : 0.00 / 0.00 psi.g

[NPSH available \(system\)](#) : Ample ft

Frequency : 60 Hz

Performance

Speed criteria : Synchronous Variable

Speed, rated : set @ 1,750 rpm

Impeller diameter, rated : set @ 10.56 in

Impeller diameter, maximum : 12.10 in

Impeller diameter, minimum : 9.50 in

Efficiency : 75.57 %

NPSH required / margin required : 9.81 / 0.00 ft

nq (imp. eye flow) / S (imp. eye flow) : 20 / 128 Metric units

MCSF : 104.8 USgpm

Head, maximum, rated diameter : 115.7 ft

Based on curve number : RC9904-2 Rev 0

Liquid ⓘ

[Liquid type](#) : Water

Additional liquid description

Solids diameter, max : 0.00 in

Solids concentration, by volume : 0.00 %

Temperature, max : 68.00 deg F

Fluid density, rated / max : 1.000 / 1.000

Viscosity, rated : 1.00 cP

Vapor pressure, rated : 0.34 psi.a

Material ⓘ

Material requested : Auto

Material selected : Cast iron

Pressure Data


[Maximum working pressure](#) : 50.08 psi.g

Maximum allowable working pressure : 175.0 psi.g

Maximum allowable suction pressure : 175.0 psi.g

Hydrostatic test pressure : 263.0 psi.g

Driver & Power Data

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