



PRODUCT SPECIFICATION

MILLER LEAMAN INC

800 Orange Ave. Daytona Beach FL 32114

DRAWN	L. Brannan	5/17/21
CHECKED		
ENG APPR.		
MKT APPR.		
SHEET 1 of 1	Ref: ML21063-10D-MOD9	Rev: A

SYSTEM REQUIREMENTS:

Electrical: 460VAC/3Ph/60Hz/42Amps
 Air Supply: 4CFM@80 to 100 PSI
 Water Supply @ Inlet: 10-25 PSI
 Dry Weight: 1942lbs
 Volume: 90 Gal.

TITLE:

Automatic Turbo Disc Filter Skid System
 B2-ATD3(10)x8-130M-P1150-A-MOD9

Pump Performance Datasheet

Customer :	Quote number :
Customer reference :	Size : 5 x 6 x 9.5 BH (B5ZPBH)
Item number : Default	Stages : 1
Service :	Based on curve number : 5x6x9.5BH
Quantity : 1	Date last saved : 26 Mar 2019 8:15 AM

Operating Conditions		Liquid	
Flow, rated	: 1,150.0 USgpm	Liquid type	: --Water
Differential head / pressure, rated (requested)	: 28.00 psi	Additional liquid description	:
Differential head / pressure, rated (actual)	: 27.82 psi	Solids diameter, max	: 0.00 in
Suction pressure, rated / max	: 0.00 / 0.00 psi.g	Solids concentration, by volume	: 0.00 %
NPSH available, rated	: Ample	Temperature, max	: 68.00 deg F
Frequency	: 60 Hz	Fluid density, rated / max	: 1.000 / 1.000 SG
		Viscosity, rated	: 1.00 cP
		Vapor pressure, rated	: 0.00 psi.a

Performance		Material	
Speed, rated	: 1750 rpm	Material selected	: Not specified
Impeller diameter, rated	: 9.06 in		
Impeller diameter, maximum	: 9.50 in		
Impeller diameter, minimum	: 7.13 in		
Efficiency	: 84.07 %		
NPSH required / margin required	: 11.36 / 0.00 ft		
Ns (imp. eye flow) / Nss (imp. eye flow)	: 2,456 / 9,929 US Units		
MCSF	: 461.0 USgpm		
Head, maximum, rated diameter	: 34.30 psi		
Head rise to shutoff	: 20.78 %		
Flow, best eff. point	: 1,154.8 USgpm		
Flow ratio, rated / BEP	: 99.58 %		
Diameter ratio (rated / max)	: 95.39 %		
Head ratio (rated dia / max dia)	: 85.91 %		
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00		
Selection status	: Acceptable		

