

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® KZN-HYD3R		
	Dwg:	DS-C68-014	Rev:	1	Date:	8/19/2025

GENERAL DATA

MAX. FLOW:	371 GPM (1404.3 L/min)
MAX. HEAD:	55' (16.7m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of hydraulic hose, Consult factory for deeper depths
PUMP TYPE	HYDRAULIC DRIVE SLURRY HANDLING TOP DISCHARGE
PUMP DOWN WATER LEVEL:	12" (305 mm)
SOLID SIZE:	0.88" (22.2 mm)
STRAINER OPENING:	1.38" (34.9 mm)
IMPELLER DIAMETER:	7.68" (195 mm)
DISCHARGE SIZE	3" NPT-MALE
HEIGHT	30.25" (768 mm)
DIAMETER (AT WIDEST POINT)	16.25" (413 mm)
SHIPPING WEIGHT:	231 lbs (105 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	COATED DUCTILE IRON 1180 DPH
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	HI-CHROME
STRAINER/STAND	STEEL
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	410 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6308

HYDRAULIC DATA

HOSE PORTS	1/2" and 3/4" NPT-FEMALE
HYDRAULIC OIL	AW 46 HYDRAULIC OIL
INPUT FLOW ¹	MAX. 8.2 GPM (31 LPM)
OPERATING PRESSURE ¹	MAX. 2200 PSI (151.7 BAR)
POWER SOURCE	ANY OPEN CENTER HYDRAULIC SYSTEM

¹ - Variable speed hydraulic motor drive

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

Performance Curve

BJM Pumps® KZN-HYD3R

Dwg:

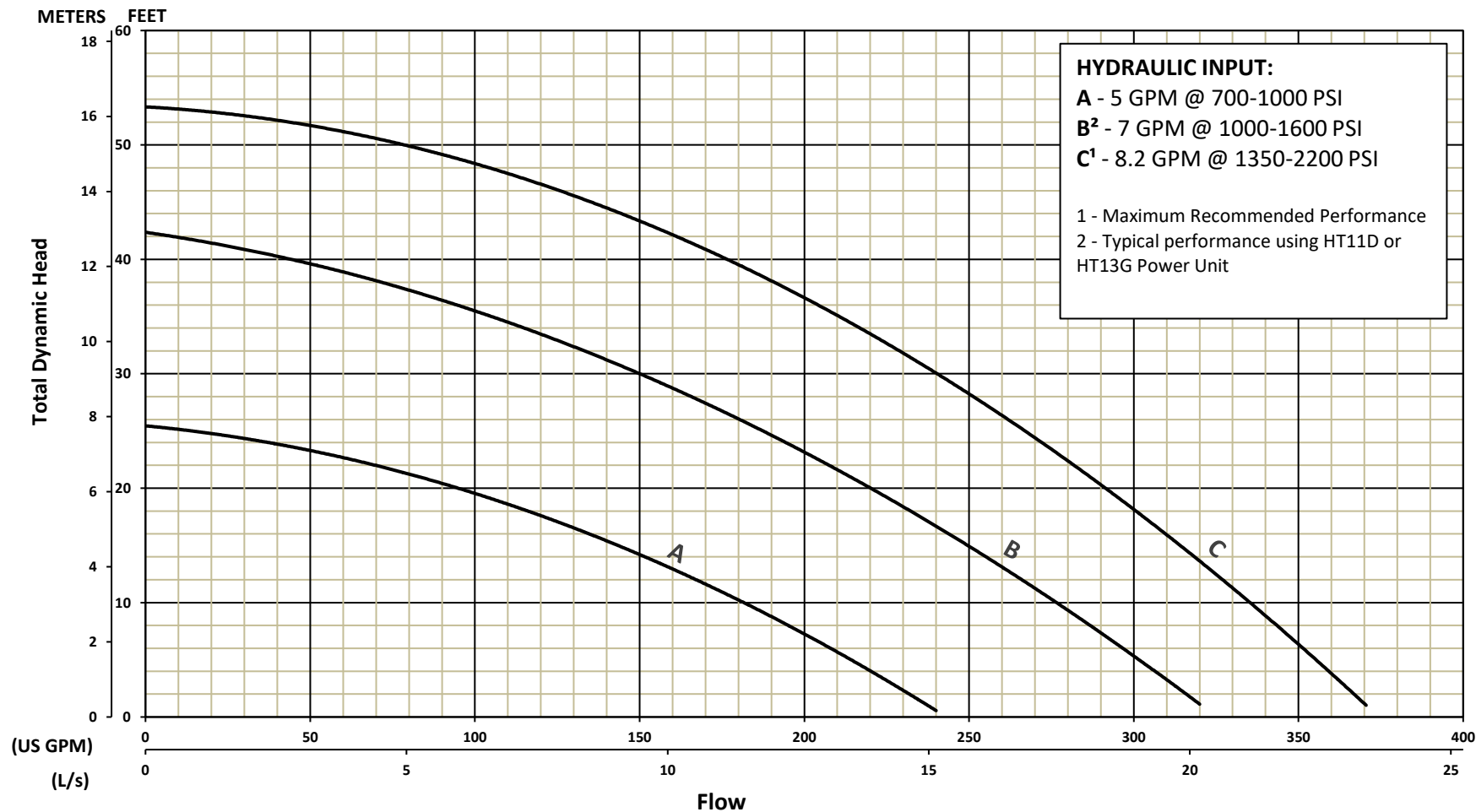
DS-C68-008

Rev:

1

Date:

9/2/2025



Curves are based on pumping water at 60 deg. F.

KZN-HYD3R - DUAL UNITS

Impeller 195 mm

Specifications subject to change without notice