



MODEL KZN-HYD6

6" HYDRAULIC SUBMERSIBLE SLURRY PUMP with AGITATOR

1. Built-in agitator to lift solids into suspension
2. Wear resistant chrome iron impeller, agitator and wear plate
3. Variable speed hydraulic motor drive
4. Top discharge allows pump to fit through a 22 inch opening
5. Wide range performance curve allows use of hydraulic flows up to 25 GPM to suit application
6. Safe hydraulic drive: use where electric power is hazardous, impractical or unavailable
7. Run dry with no damage
8. Oil lubricated double silicon carbide seals

GENERAL DATA

MAX. FLOW: GPM (L/min)	1175 GPM (4453 L/min)
MAX. HEAD: ft (m)	109' (33.2 m)
DISCHARGE SIZE	6" NPT-MALE
PUMP DOWN WATER LEVEL: in (mm)	16" (406 mm)
SOLID SIZE	1.375" (34.9 mm)
STRAINER OPENING	1.375" (34.9 mm)
HEIGHT	39" (99 cm)
DIAMETER (@ widest point)	21 1/4" (54 cm)
WEIGHT	495 lbs. (224 kg)

CONSTRUCTION/MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	HI-CHROME IRON
AGITATOR	HI-CHROME IRON
IMPELLER	MULTI VANE, HI-CHROME IRON
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
QTY. OIL IN SEAL CHAMBER	125 U.S. FL. OZ. (3700 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6310

HYDRAULIC DATA

HOSE PORTS	1" NPT(F)
HYDRAULIC OIL	214-320 s.s.u. @ 100 °F (64 °C)
INPUT FLOW	Max. 25 GPM (94.6 LPM)
OPERATING PRESSURE	Max. 2150 PSI (146.2 Bar)
POWER SOURCE	Any Open Center Hydraulic System

© 2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

104 John W Murphy Drive

New Haven, CT. 06513, USA

Tel: (860)399-5937 - Fax: (860)399-7784

MODEL: KZN-HYD6 Performance curves

Curves are based on pumping water at 60 deg. F. Consult factory for performance curves other than shown below.

