



Specifications

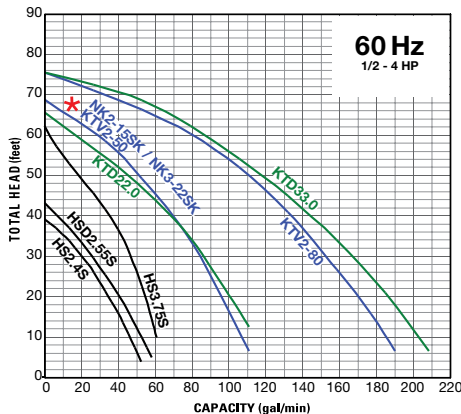
Type of Fluid: Sludge, muddy water, sandy mud

Applications

- Grit chambers, mine processing plants where light to medium abrasive solids need to stay suspended for pumping in wastewater
- Heavy abrasive construction site dewatering
- Aggregate wash down
- Ragoon / sludge pond cleanout



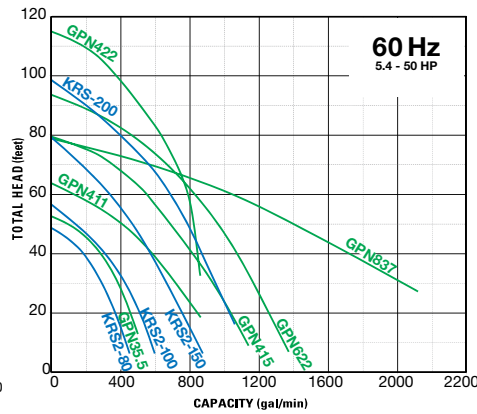
Group Performance
HS, HSD, NK, KTD and KTV



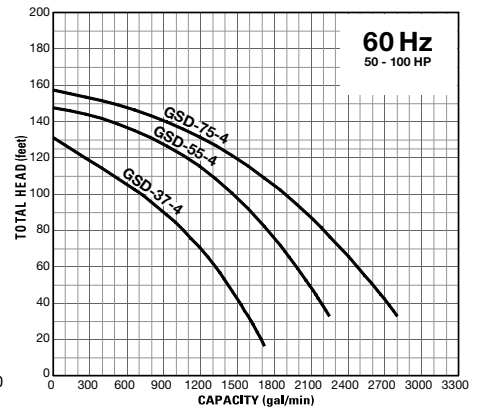
	Standard	High Torque
Single Phase	NK2-15SK 2HP (1.5kW)	NK3-22SK 3HP (2.2kW)
Three Phase	—	KTV2-50 2.7HP (2.0kW)

High Torque models further suitable for heavy duty application.

Group Performance
KRS and GPN



Group Performance
GSD





Tsurumi Agitator Pumps are designed for sludge slurry pumping with hard iron adjustable wear parts. Up to 10" discharge size / 100HP with 4 pole / 6 pole motors for slower impeller tip speed which prolongs pump life.

Additional options which may help extend the life of the wear parts in tough applications are available. (Consult factory for recommendations)

Additional optional special coating available.

KRS Series convert from regular hydraulic configuration to agitator versions with stock parts for more flexibility.

GPN Series / GSD Series only: Bottom side discharge

■ Agitator

Tsurumi's slurry pumps have an agitator made of abrasion resistant material. It is mounted on the shaft and rotates to create a downward current. This agitator assists the pump in suspending and transferring solids such as bentonite slurry, slime, mud, and water with high sand content.



MODEL	MOTOR SPECIFICATIONS								Discharge Size (inch)	DIMENSION		Max. Solids Dia. (inch)	Continuous Running Water Level (in.)	Pump Weight (lbs.)	
	Motor Output (HP)	Phase	Rated Current (A)							RPM	Diameter (in.)				Height (in.)
			Single phase		Three phase										
			115V	230V	208V	230V	460V	575V							
HS2.4S	1/2	Single	5.2	2.7	—	—	—	—	3320	2	10 1/16	12 15/16	0.276	3 1/2	25
HS3.75S	1	Single	9.7	4.9	—	—	—	—	3411	3	12 7/16	15 5/16	0.276	3 1/2	43
HSD2.55S	3/4	Single	7.3	3.7	—	—	—	—	3390	2	10 3/8	15 3/8	0.394	4 1/8	34
NK2-15SK	2	Single	23.0*	11.5*	—	—	—	—	3440	3	9 13/16	26	0.334	4 3/4	71
NK3-22SK	3	Single	—	13*	—	—	—	—	3465	3	9 13/16	26	0.334	4 3/4	71
KTV2-50	2.7	Three	—	—	7	6.4	3.2	2.6	3440	2	9 13/16	17 7/8	0.334	4 3/4	55
KTV2-80	4	Three	—	—	11.6	10.6	5.3	4.2	3450	3	11 5/8	21 5/8	0.334	5 1/8	84
KTD22.0	2.7	Three	—	—	8.7*	8.2	4.1	3.3	3410	2	9 1/4	23 3/16	0.394	5 1/2	86
KTD33.0	4	Three	—	—	12*	11.4	5.9	4.5	3410	3	11 11/16	25 3/4	0.394	6 1/4	145
KRS2-80	5.4	Three	—	—	18*	16.5	8.5	6.6	1720	3	13 3/4	30 11/16	1.18	9 7/8	231
KRS2-100	8	Three	—	—	25*	23	11.5	9.2	1730	4	16 3/8	30 7/8	1.18	10 5/8	315
KRS2-150	12	Three	—	—	36*	33	16.5	13.2	1735	6	16 3/8	33	1.18	10 5/8	357
KRS-200	24	Three	—	—	—	—	30	24	1750	8	22 11/16	44 7/8	1.18	11 1/4	840
GPN35.5	7.5	Three	—	—	21.4	20*	9.8	7.6	1720	3	3/16	31 5/16	1.18	11 3/8	319
GPN411	15	Three	—	—	42	39*	19.5	14.5	1735	4	24 5/16	34 5/8	1.18	12 3/8	478
GPN415	22	Three	—	—	55	52*	24	20	1735	4	24 5/16	34 5/8	1.18	12 3/8	485
GPN422	30	Three	—	—	—	—	36.5	29.5	1750	4	28 9/16	43 3/8	1.18	11 3/4	910
GPN622	30	Three	—	—	—	—	36.5	29.5	1750	6	28 9/16	43 3/8	1.18	11 3/4	910
GPN837	50	Three	—	—	—	—	64	52	1160	8	39 15/16	63 1/4	1.81	22	1760
GSD-37-4	50	Three	—	—	—	—	63	49.5	1740	8	36	62 5/16	0.984	18 7/8	1290
GSD-55-4	75	Three	—	—	—	—	97	76	1775	10	41 5/16	75 7/8	0.984	20 1/8	2440
GSD-75-4	100	Three	—	—	—	—	128	101	1775	10	41 5/16	75 7/8	0.984	20 1/8	2690

* Dual Voltage