

TDSK SERIES

Feature:

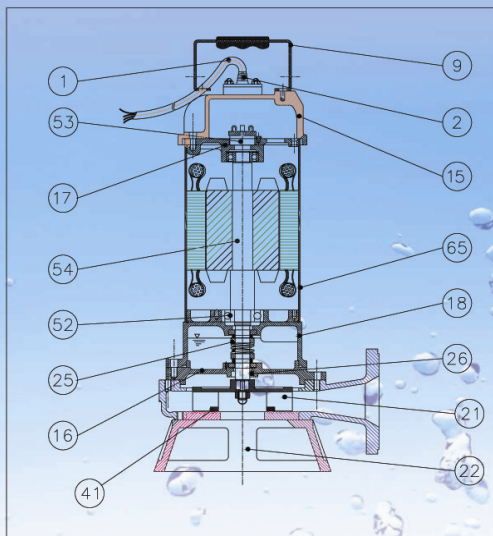
- Tipped with tungsten cutter to cut off foreign objects and prevent from clogging.

Application:

- Hospital, school, building....etc.
- Wastewater treatment system ; Industrial wastewater and ground water drainage.



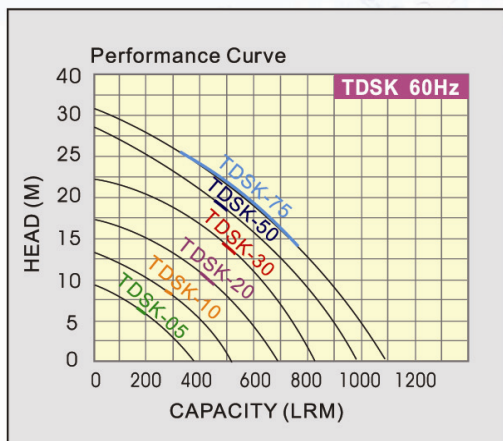
Tungsten edge



Constructions

NO	PART	MTRL
1	Cable	VCT
2	Cable hood	PVC
9	Handle	SUS 304
15	Motor cover	FC 200
16	Seal housing	FC 200
17	Bracket	FC 200
18	Oil chamber	FC 200
20	Pump casing	FC 200
21	Impeller	FC 200
22	Strainer	FCD 450
25	Mech. Seal	CA/CE(EKK)
26	Oil seal	VITON
41	Cutter edge	Tungsten
52	Bearing	(NTN)
53	Protector	(T.I./YAMADA)
54	Shaft	SUS 410
65	Motor housing	SUS 304

Specifications



Type	Output HP	Discharge Inch	Phase φ	Rated		Maximum		Cable M
				Head M	Capacity LPM	Head M	Capacity LPM	
TDSK-05	1/2	2"	1,3	6	170	9.4	390	5
TDSK-10	1	2"(3")	1,3	8	250	13.3	510	5
TDSK-20	2	2"(3")	1,3	10	380	17.3	640	5
TDSK-30	3	2"(3")	3	13	500	22.3	812	5
TDSK-50	5	3"(4")	3	19	500	28.3	990	10
TDSK-75	7 1/2	3"(4")	3	26	730	31	1090	10

Note1: Automatic models are available in single-phase versions.

Note2: Q.D.C. (Quick Discharge Connection) is applied in all models.

Modular Design:

Robust Submersible Platform Motor

1 Water-proof Cable:

Epoxy potting for self-contained core sealer

2 Motor Protector:

Built-in protectors preventing motors from burnout due to abnormal operation

3 Anti-corrosive Motor Housing:

Made of stainless steel, high-resistance to corrosion

4 High-Efficiency Motor:

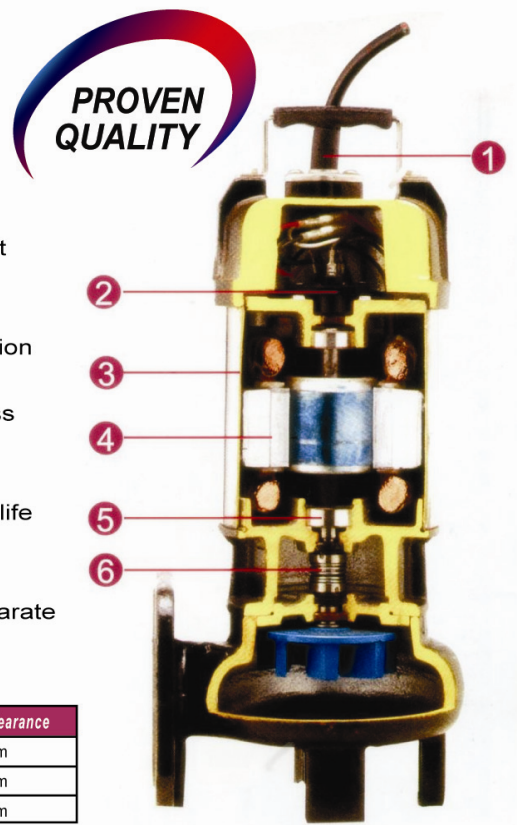
Specially designed submersible motor with F class insulation and low temperature rise

5 C3 Clearance Bearing:

Deep groove bearing with C3 clearance, running life more than 50,000 hours

6 High-reliability Shaft Sealing:

Back-to-back double mechanical seals in the separate oil chamber, oil seal equipped at pressure side



Applications:

Model	Type	Output	Impeller	Spherical clearance
TDSK	Cutter Pumps	0.4-3.7 kW	Semi-open/TC cutter	22-28mm
TDS	Non-clog Pumps	0.4-5.5 kW	Vortex	35-50mm
TKD	Dredging Pumps	0.4-5.5 kW	Vortex	15-35mm

USER CATEGORIES	TDS	TDSK	TKD
Breweries	•	•	
Canneries			
Chemical Ind.	•	•	
Construction			
Dredging			•
Environmental Ind.			
Food processing	•	•	
Hotel Restaurant			
Leather Ind.	•	•	
Mines			
Paper mill	•		
Petro-chemical Ind.			
Power plant	•		•
Quarries			
Refineries	•	•	
Rolling mills			
Rubber Ind.	•		
Sewage treatment			
Steel works	•		•
Sugar factories			
Textile mills	•	•	
Electronics			

USER CATEGORIES	TDS	TDSK	TKD
Abrasive	•		•
Activated sludge		•	
Aggressive media	•		
Cement			•
Chicken feathers	•		
Circulation water	•		
Coal washing water	•		•
Digester sludge	•		
Fly ash	•		•
Gassy Sludge	•		
Grinding dust			•
Ground water	•	•	
Harbor sludge	•		•
Oil residues	•		•
Paper pulp	•		
Primary sludge	•		
Process water	•		
Sand, lime sludge			•
Sewage	•	•	
Sludge circulation	•		•
Viscous media	•		
Waste water	•	•	

EXCLUSIVE DISTRIBUTOR:

GOTESCO Marketing, Inc.

5/F Ever Gotesco Corporate Center, 1962 Bilibid Viejo st. cor.
G. Puyat, Quiapo, Manila, Philippines 1001

MANILA Head Office:
Tel. Nos. (632) 733-8820 to 30

CEBU Branch:
Tel #: (032) 346-4279 to 81 • Fax #: (032) 346-4282

DAVAO Branch
Tel #: (082) 227-0098 to 99 • Fax #: (082) 227-0098

E-mail: sales@gotesco.com • Web: www.gotesco.com

