

DECO



DTZ Series

Heavy Duty Dewatering Pump



Application

Civil Construction

Mines, quarries, coal ore & slurries

Heavy duty pumping purposes

Specification

Capacity : up to 160 m³/hr

Head : up to 58 m

Power : 1.5 kW to 15 kW

Power supply : 3 phase, 380-400V

Insulation class : F class

Protection class : IP68

Water temp. : up to 40°C

Max. water depth : 25m

Custom on request

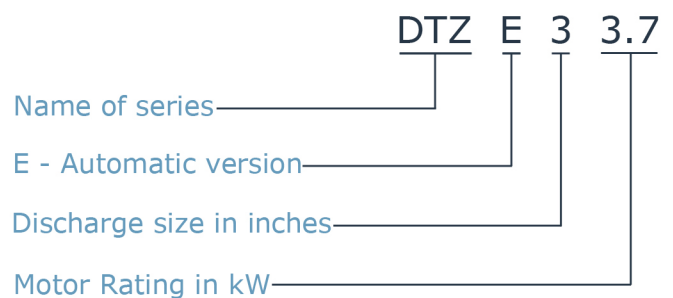
The length of cable

50/60 Hz

Pump parts material

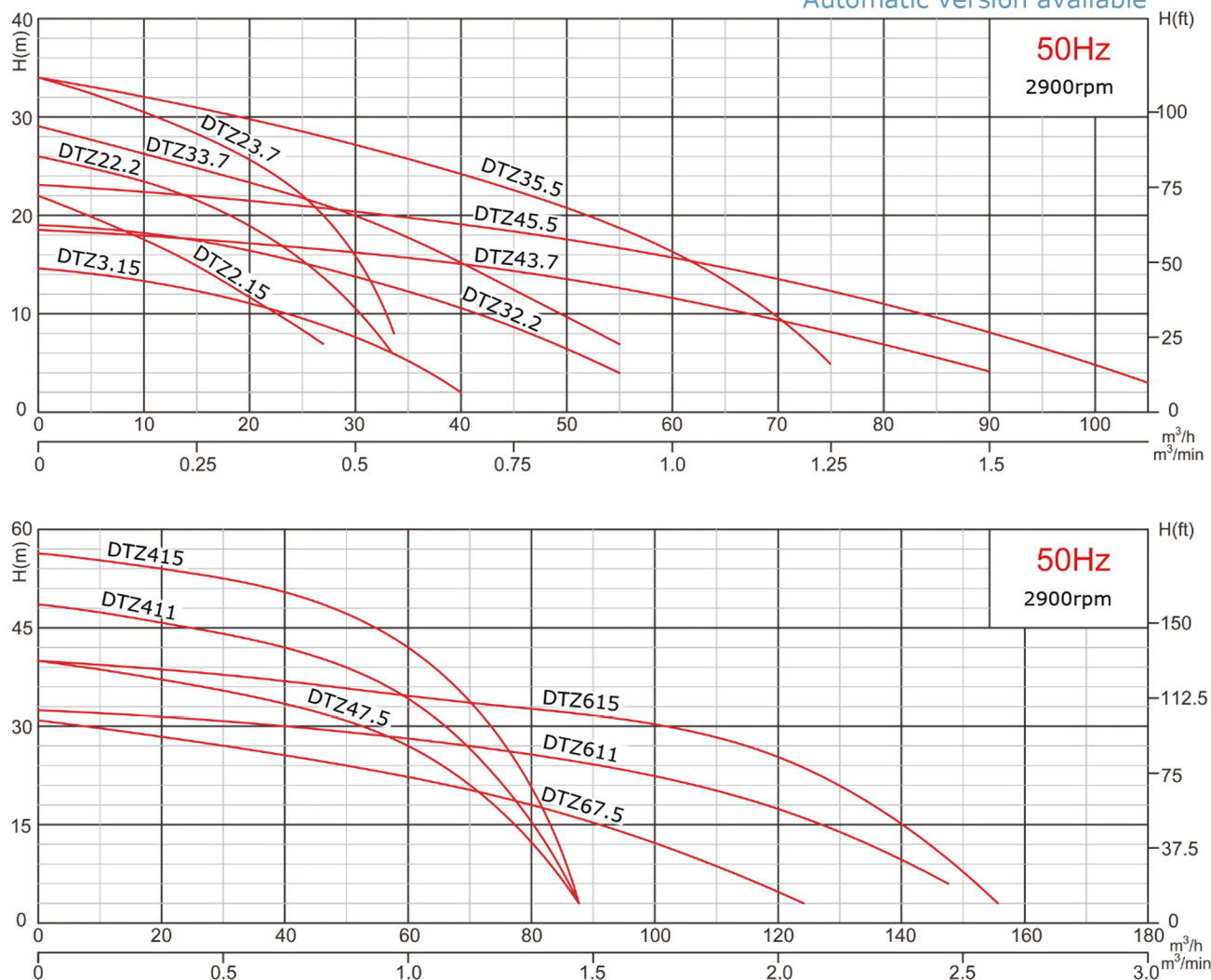
Voltages

Model Designation

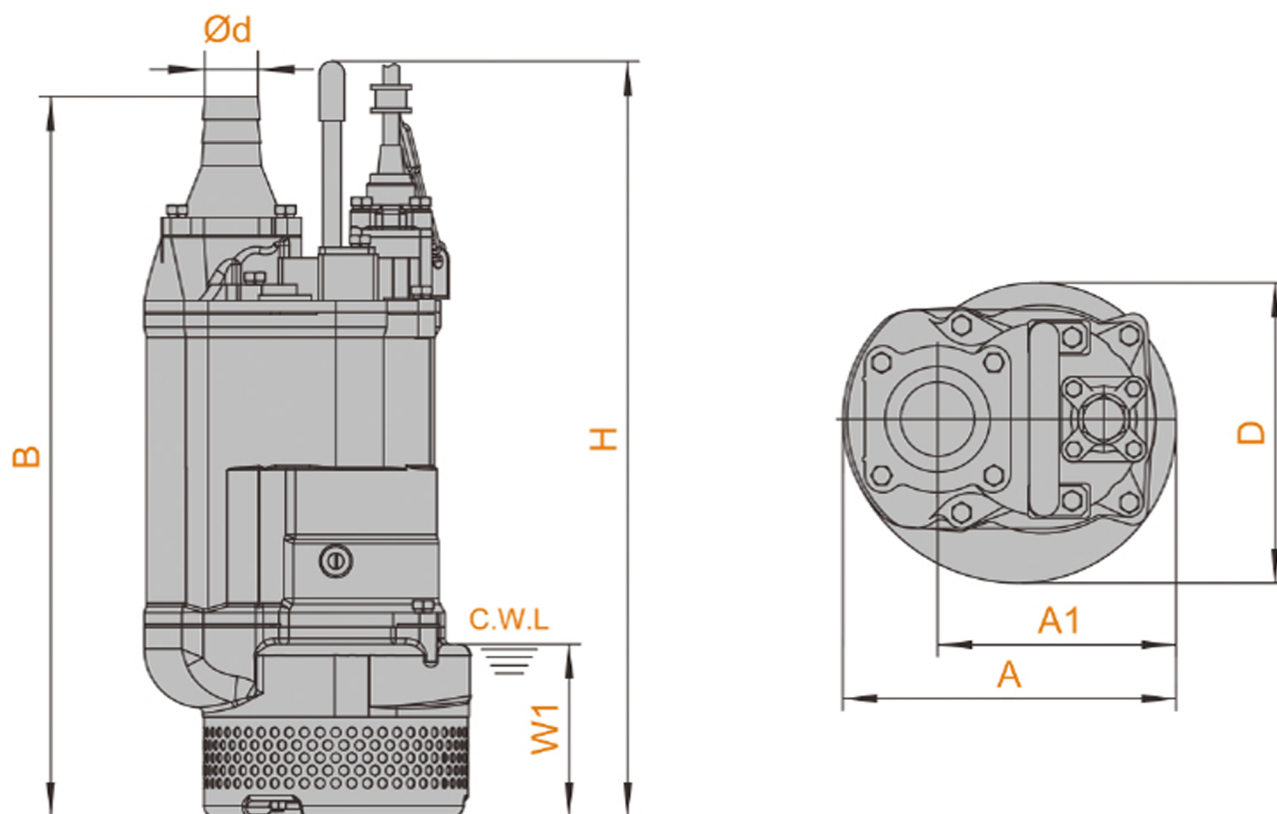


DECO WATER PUMP

Automatic version available



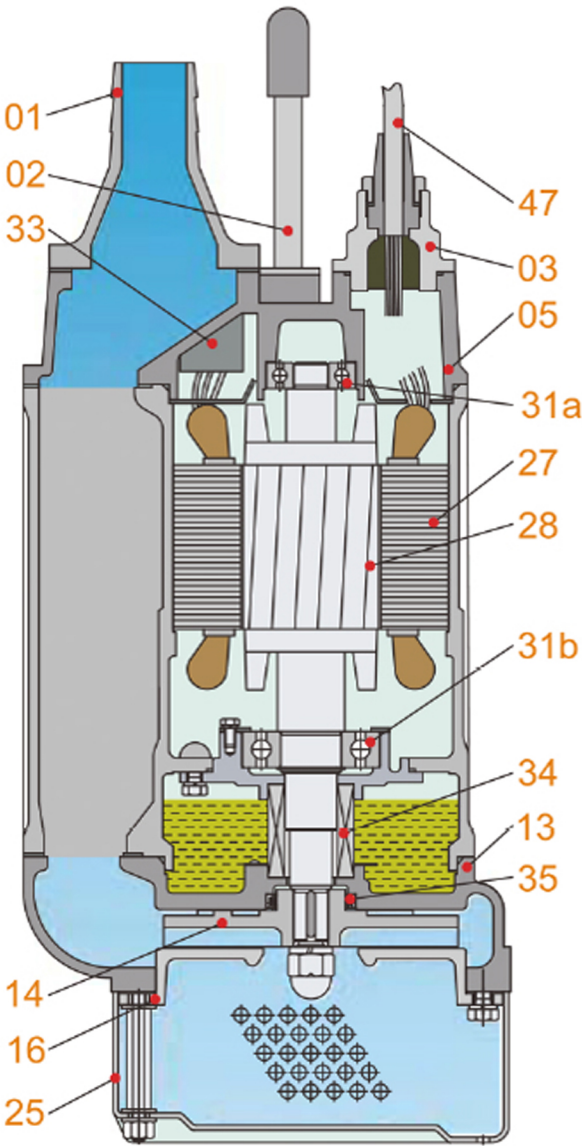
2900rpm / 50Hz		Motor power		Rated current (380V) [A]	Rated capacity		Rated head [m]	Max capacity		Max head [m]	Impeller passage [mm]
Model	Outlet [mm]	kW	HP		m³/min	m³/h		m³/hr	m³/min		
DTZ21.5	50	1.5	2	3.7	15	0.25	15	27	0.45	22	8.5
DTZ31.5	80	1.5	2	3.7	30	0.5	8	40	0.67	14.5	8.5
DTZ22.2	50	2.2	3	5.3	18	0.3	20	33	0.55	26	8.5
DTZ32.2	80	2.2	3	5.3	36	0.6	11	55	0.92	19	8.5
DTZ23.7	50	3.7	5	8.1	12	0.2	30	33	0.55	34	8.5
DTZ33.7	80	3.7	5	8.1	30	0.5	20	55	0.92	29	8.5
DTZ43.7	100	3.7	5	8.1	60	1	11.5	90	1.5	18.5	8.5
DTZ35.5	80	5.5	7.5	12.0	36	0.6	25	75	1.25	34	8.5
DTZ45.5	100	5.5	7.5	12.0	60	1	16	105	1.75	23	8.5
DTZ47.5	100	7.5	10	15.8	48	0.8	30	84	1.4	40	11.5
DTZ67.5	150	7.5	10	15.8	90	1.6	15	124.8	2.08	31	19.5
DTZ411	100	11	15	23.1	60	1	35	84	1.4	48.5	11.5
DTZ611	150	11	15	23.1	102	1.7	22	147	2.45	32	19.5
DTZ415	100	15	20	31.0	60	1	42	84	1.4	56	11.5
DTZ615	150	15	20	31.0	102	1.7	30	156	2.6	40	19.5



W1:Continuous running water level

Dimensions

Model	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W (kg)	G.W (kg)
DTZ21.5	50	235	173	535	216	505	120	36	40
DTZ31.5	80	235	173	535	216	505	120	36	40
DTZ22.2	50	235	173	535	216	505	120	39	43
DTZ32.2	80	235	173	535	216	505	120	39	43
DTZ23.7	50	283	208	628	252	629	150	63	68
DTZ33.7	80	283	208	628	252	629	150	63	68
DTZ43.7	100	283	208	642	252	629	150	63	68
DTZ35.5	80	283	208	671	252	590	150	77	84
DTZ45.5	100	283	208	686	252	590	150	77	84
DTZ47.5	100	330	240	764	314	676	190	106	116
DTZ67.5	150	330	240	790	314	676	190	108	119
DTZ411	100	373	255	807	350	695	190	136	148
DTZ611	150	373	255	807	350	695	190	139	150
DTZ415	100	373	255	842	350	755	190	144	158
DTZ615	150	373	255	842	350	755	190	146	160



Parts List

Item No.	Part name	Material	Item No.	Part name	Material
1	Hose coupling	Cast iron	27	Stator	
2	Handle	Rubber&steel	28	Rotor	Shaft: AISI SS420
5	Upper cover	Cast iron	31a	Bearing	Ball bearing
11	Motor body	Cast iron	31b	Bearing	Ball bearing
13	Pump body	Cast iron	33	Motor protector	
14	Impeller	alloy	34	Mechanical seal	Sic-Sic/Carbon-Sic(≤2.2kW)
16	Inlet plate	alloy	35	Oil seal	Sic-Sic/Sic-Sic(≤3.7kW)
25	Strainer	Steel	47	Cable	