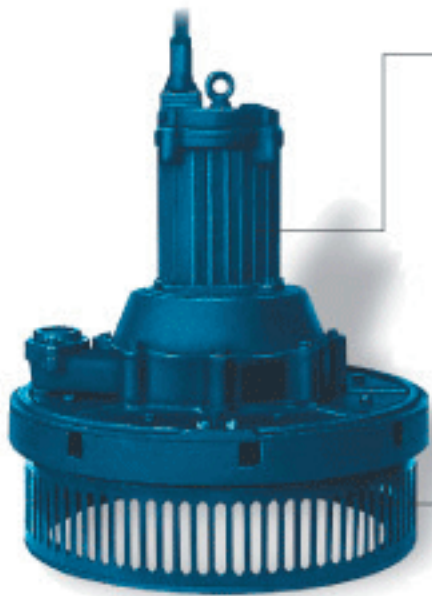


HANA-L



■ Motor

- 4 pole
- Insulation Class: F
- 3 phase / 440 V
- 1500 rpm

■ Aerator

- Impeller: Semi open type
- Material
 - Impeller: AISI 316
 - Air Suction Casting: G25
 - Shaft: AISI 420
 - Air Suction Cover: SSC13
- Connecting method
 - Flange Coupling/House Coupling/
Automatic Discharge connector

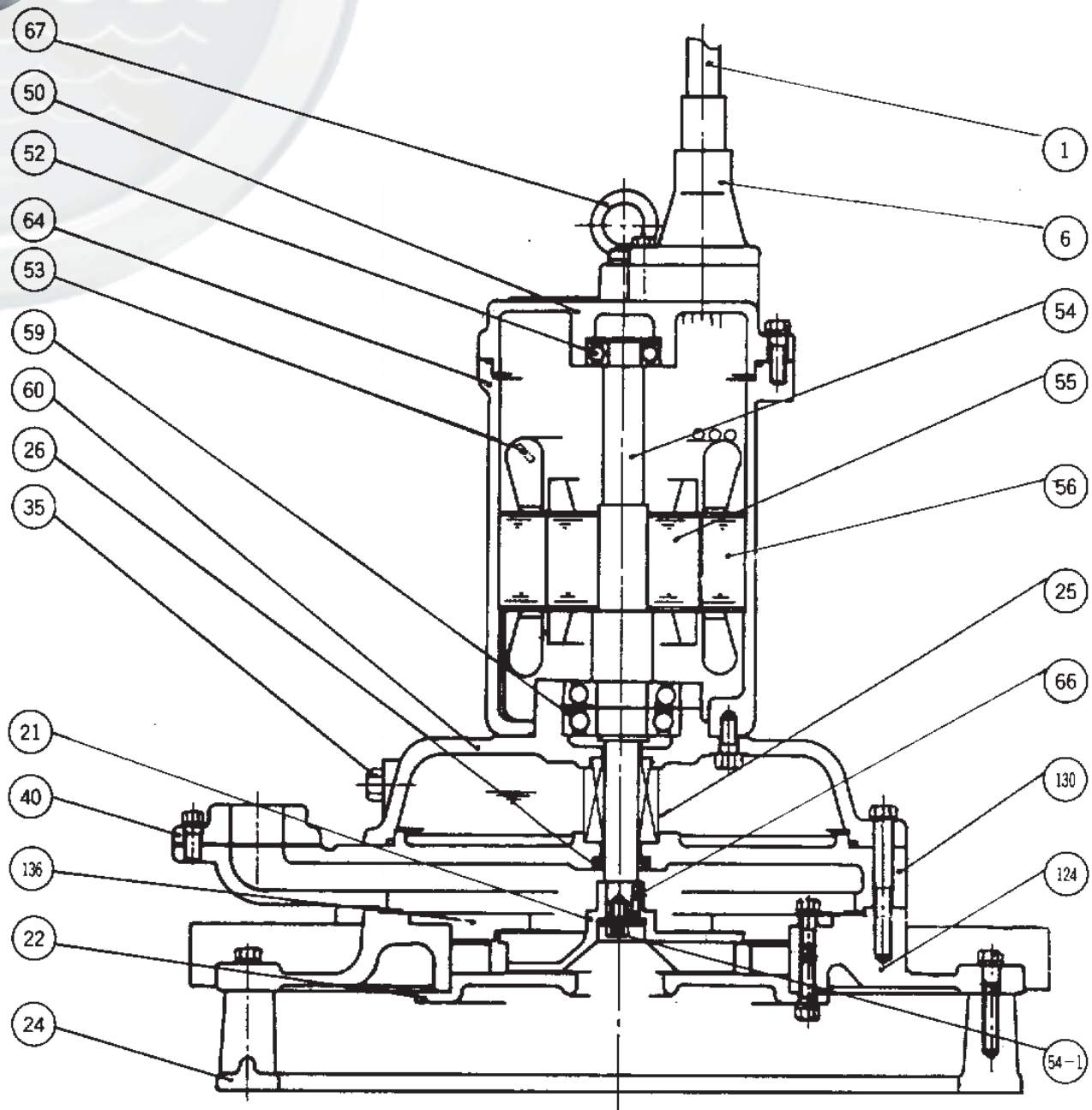
Application

- Aeration for industrial wastewater, excreta, sewage
- Aeration in lake, reservoir, fish farm
- Aeration in septic tank of A.P.T., building, industrial factory

Features

- Effective air solution by means of self-air suction
- powerful agitator to mix, compact construction to maximize effect of minute air-bubble occurrence
- Increase durability with 4 Pole motor, directly connected to shaft
- Motor protector build in
- Perfect watertight with double mechanical seal

hana pump

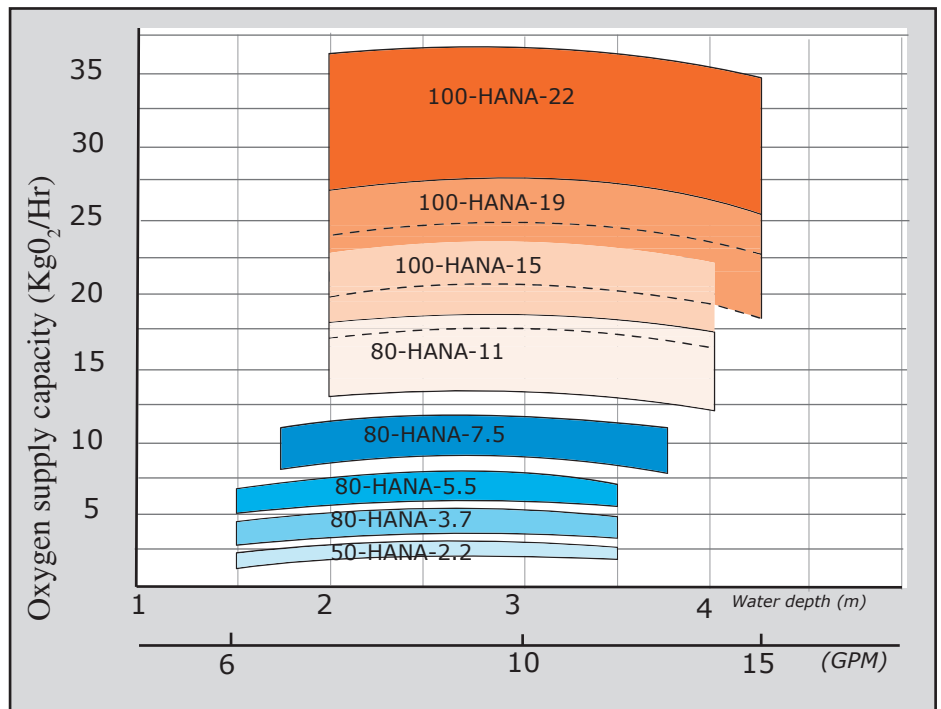
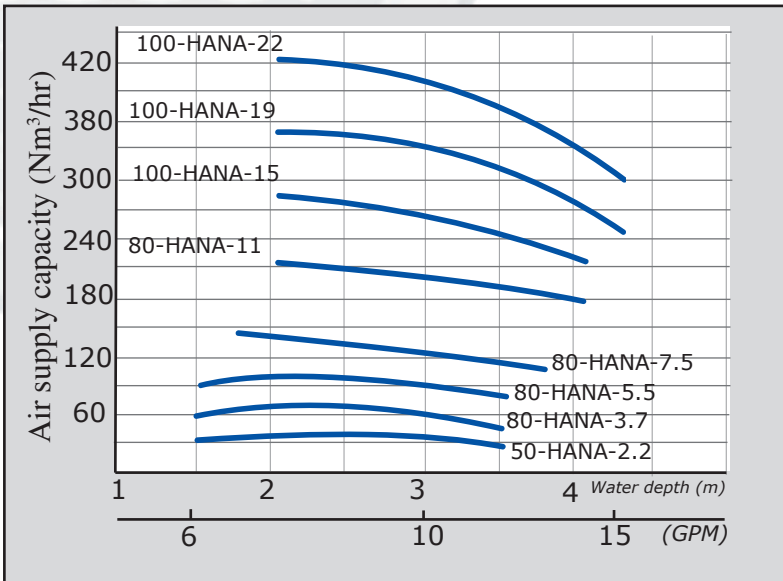


NO.	Description	Material	Q'TY
1	Power Cable	-	m
6	Cable Entrance	Cast Iron	1
21	Impeller	Stainless	1
22	Suction Cover	Cast Iron	1
24	Stand	Cast Iron	1
25	Mechanical Seal	-	1
26	Oil Seal	Rubber (NBR)	1
40	Screwed Flange	Cast Iron	1
35	Oil Plug	304 Stainless	1
50	Motor Bracket	Cast Iron	1
52	Ball Bearing	-	1
53	Power Cable	-	m

NO.	Description	Material	Q'TY
54	Motor Protector	-	3
54-1	Shaft	410 Stainless	1
55	Bolt	304 Stainless	1
56	Rotor	-	1
59	Stator	-	1
60	Ball Bearing	-	2
64	Bearing Housing	Cast Iron	1
66	Motor Frame	Cast Iron	1
67	Key	410 Stainless	2
124	Delivery Casing	Cast Iron	1
130	Air Suc. Casing	Cast Iron	4
136	Air Suc. Cover	304 Stainless	1

hana pump

Curve



Dis-charge (mm)	MODEL	Output (kW)	Water depth (m)	Air supply capacity (nm3/hr)	Oxygen supply capacity (KgO2/hr)	Main con-vention (m)	Sub con-vention (m)	A (mm)	B (mm)	C (mm)	F (mm)	H (mm)	Weight (kg)
32	32-HANA-0.75	0,75	3	11	0,35-0,6	1,2	2,0	480	210	145	222	517	75
32	32-HANA-1.5	1,5	3	25	1,0-1,4	1,5	2,5	480	210	145	222	517	85
50	50-HANA-2.2	2,2	3	36	1,8-2,8	2,5	5,0	705	270	161	265	643	190
50	50-HANA-3.7	3,7	3	60	3,5-5,0	3,0	6,0	705	270	161	265	643	210
80	80-HANA-5.5	5,5	3	90	5,5-7,7	3,5	7,0	705	270	179	289	723	245
80	80-HANA-7.5	7,5	3	125	8,2-11,3	4,5	9,0	705	270	179	289	723	260
80	80-HANA-11	11	3	200	13-18	5,0	10,0	705	270	179	289	953	311
100	100-HANA-15	15	3	260	17-23	5,5	11,0	705	270	179	289	953	325
100	100-HANA-19	19	3	330	20-27	6,0	12,0	1000	385	256	370	1158	600
100	100-HANA-22	22	3	400	24-36	6,0	12,0	1000	385	256	370	1158	650