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Model Designation



DISCHARGE SIZE
- 50 mm – 2"
- 80 mm – 3"
- 100 mm – 4"
- 150 mm – 6"

MODEL TYPE
- ENZX – Submersible Slurry Pump

HYDRAULIC DESIGN
- None – Standard Design
- A – Alternate Design
- B – Alternate Design
- C – Alternate Design

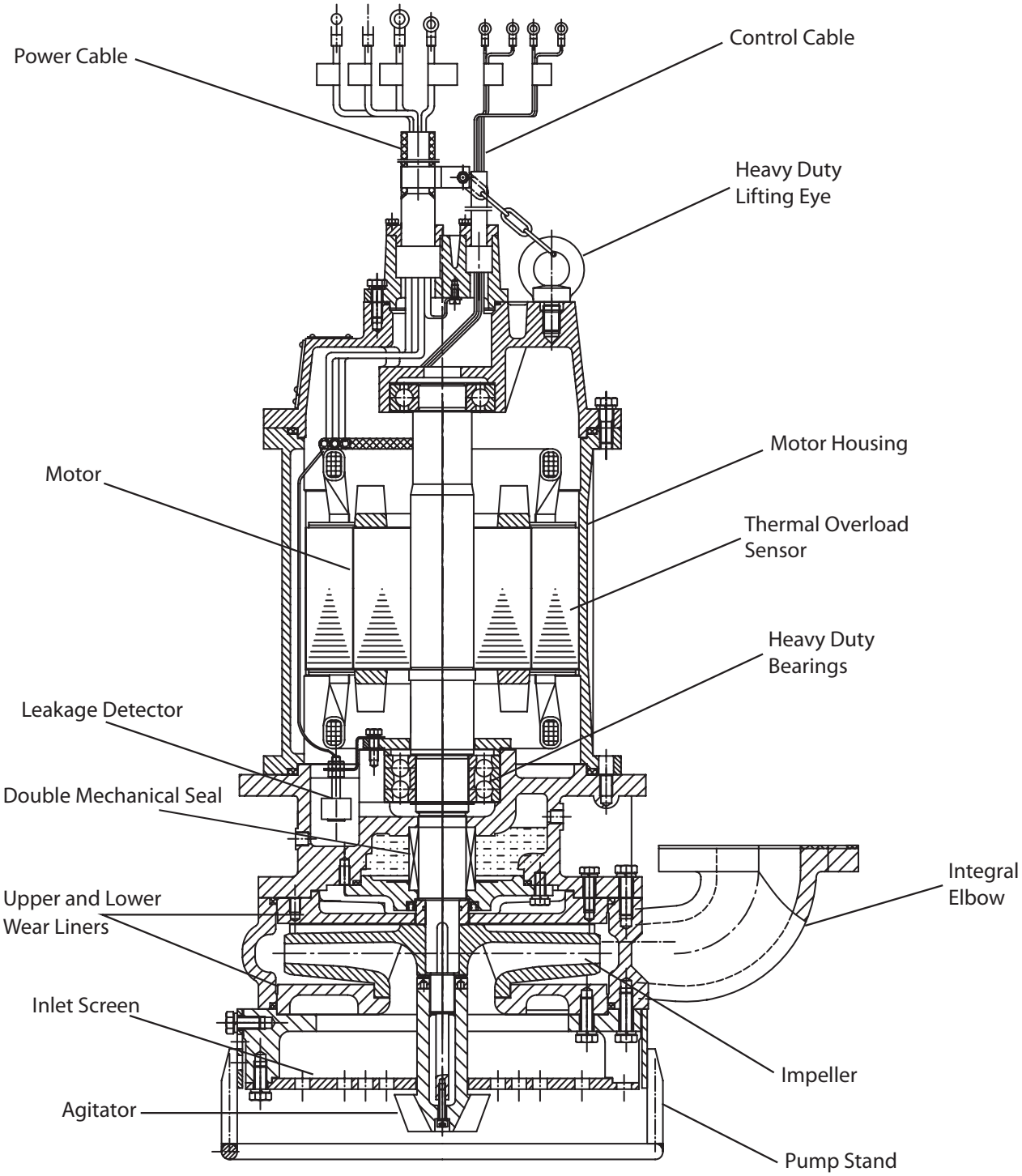
HERTZ
- 6 – 60

RATED KW
- 5.5 – 7.5 HP
- 7.5 – 10 HP
- 11 – 15 HP
- 15 – 20 HP
- 22 – 30 HP

PHASE
- NONE – THREE PHASE

VOLTAGE
- 4 – 460

Features

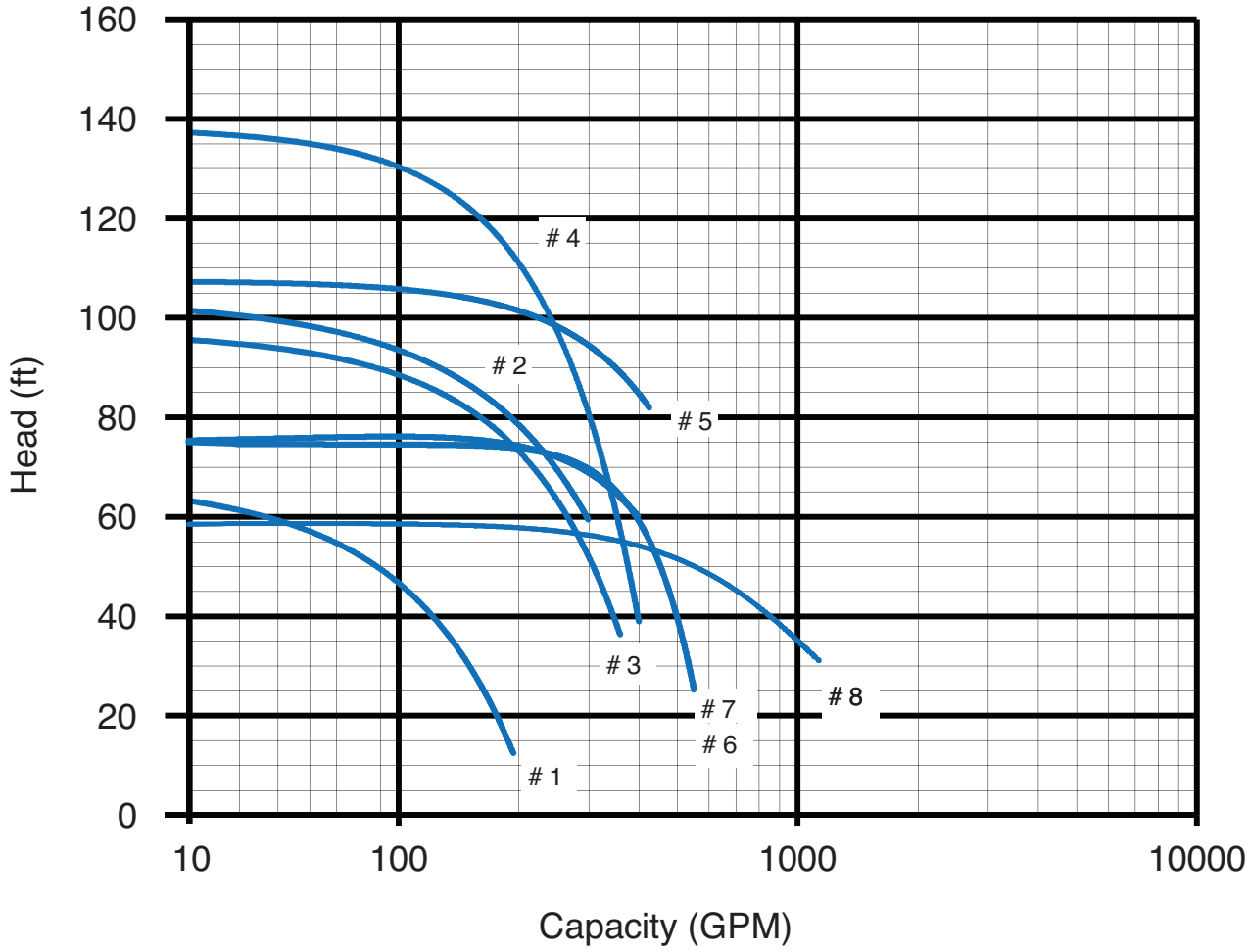


- Double Mechanical Seals – Safely operate in oil chamber away from pumped slurry. (Lower Silicon Carbide/Silicon Carbide – Upper Carbon/Silicon Carbide)
- Enclosed High-Chrome Iron Impeller – Longer lasting, higher efficiency pumping.
- Replaceable Upper and Lower High-Chrome Iron Wear Liners – Avoid costly casing replacement due to excessive wear.

Design	
Discharge Size/Connection	2, 3, 4, 6 inch Flanged, FF ANSI 150#
Range of HP	7.5 HP to 30 HP
Range of Performance Capacity:	to 1200 GPM
Head:	to 140 feet
Limitation	
Maximum Temperature of Liquid	104F, 40C
Maximum Concentration of Solids	30%
Maximum Submersed Depth	50ft
Maximum Solid Diameter	1.26 inch, 32 mm
Synchronous Speed	1200 to 1800 RPM
Standard Materials	
Casing	High Chrome Iron 56.8 HRC
Impeller - Enclosed Type	High Chrome Iron 56.8 HRC
Agitator	High Chrome Iron 56.8 HRC
Motor Housing	Cast Iron
Screen	304 Stainless Steel
Stand	304 Stainless Steel
Wear Liners	High Chrome Iron 56.8 HRC
O-Rings	Buna
Mechanical Seal	Double Mechanical Seal
Material - Upper Side	Carbon/Silicon Carbide
Material - Lower Side	Silicon Carbide/Silicon Carbide
Motor	Insulation Class F Three Phase 460V Integral Thermal and Seal Leak Protection UL/CSA Listed Submersible Cable 40 ft*

Note: UL/CSA Listed 40 ft cables standard on all models, EXCEPT for the 30 HP Model (30 ft single power cable). Consult factory for alternate cable lengths.

Selection Chart



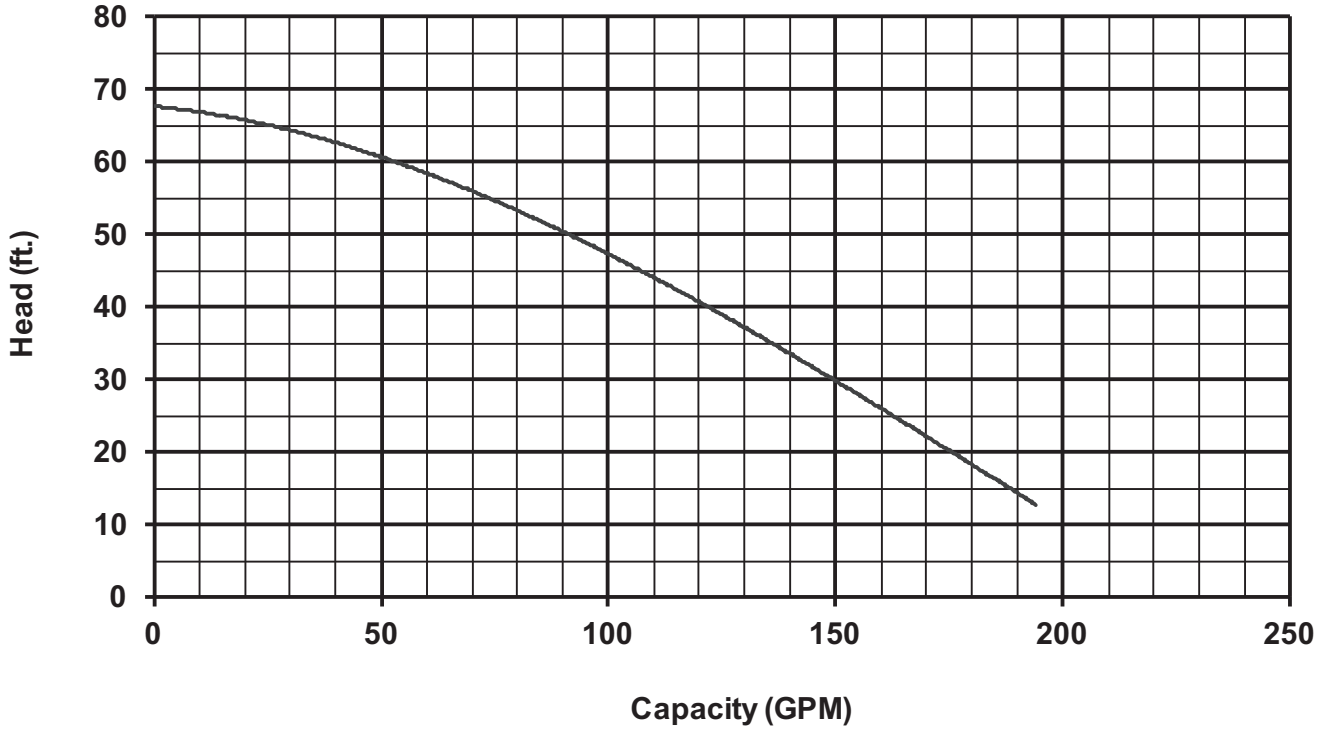
1 – 50ENZX65.54
2 – 80ENZX67.54
3 – 80ENZX6114
4 – 80ENZX6154*
5 – 100ENZXA6154
6 – 100ENZXB6154
7 – 100ENZXC6154
8 – 150ENZX6224

**Two-Stage Model*

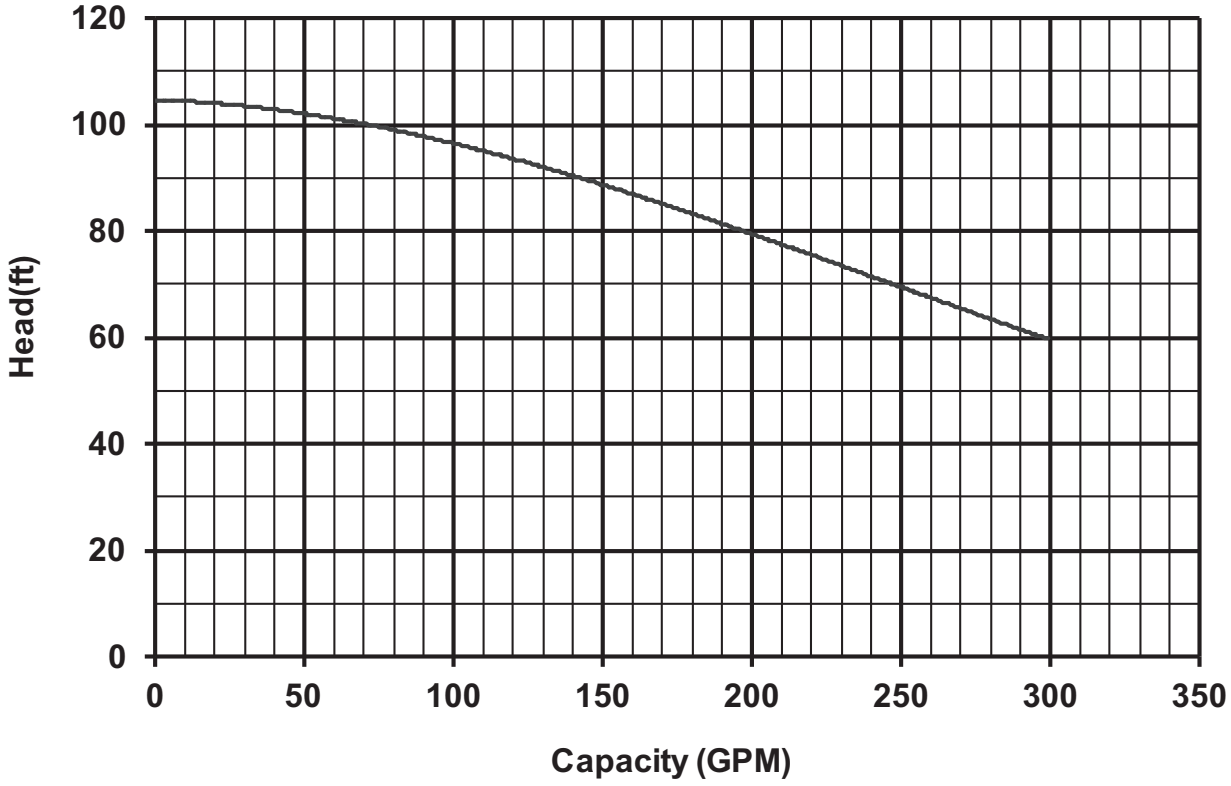
Performance Curves

Project: GPM: TDH: EFF: HP: Chk'd: Date:

50ENZX65.54 (7.5HP) **Synchronous Speed: 1800 RPM** **2 inch Discharge**



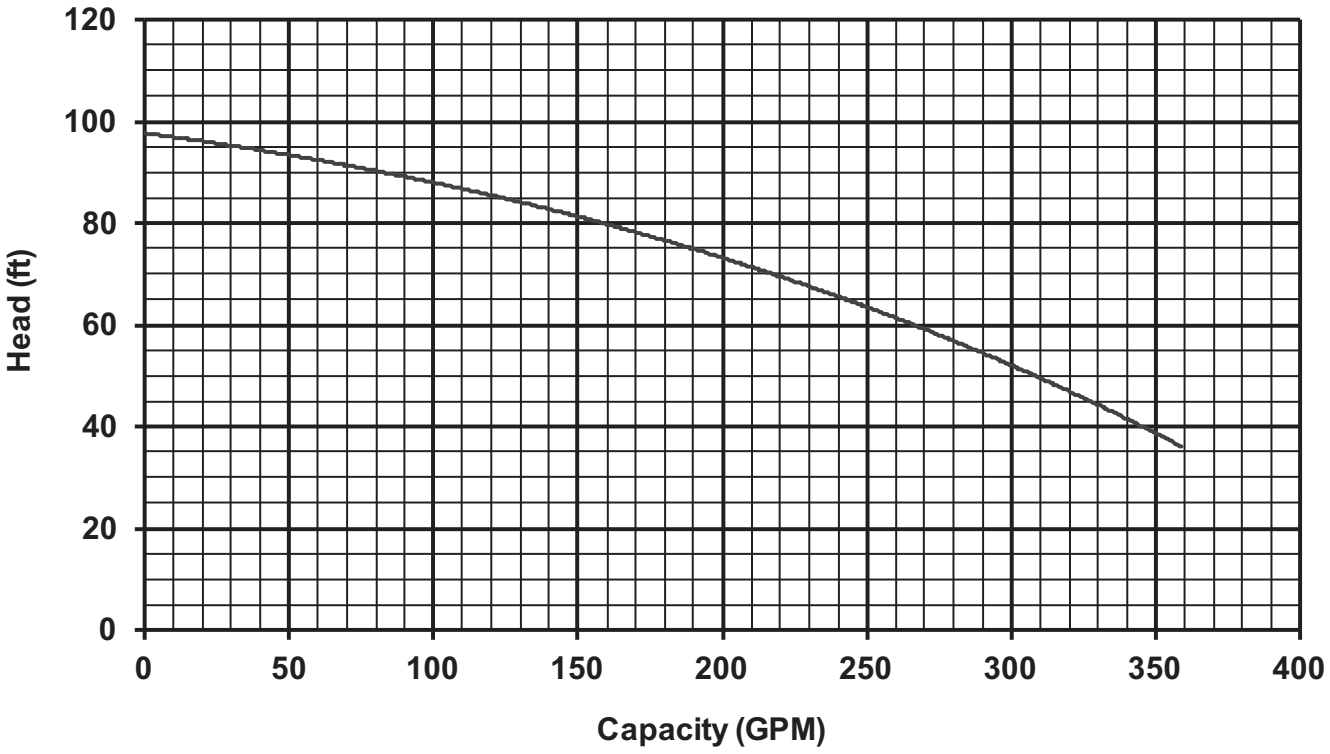
80ENZX67.54 (10HP) **Synchronous Speed: 1800 RPM** **3 inch Discharge**



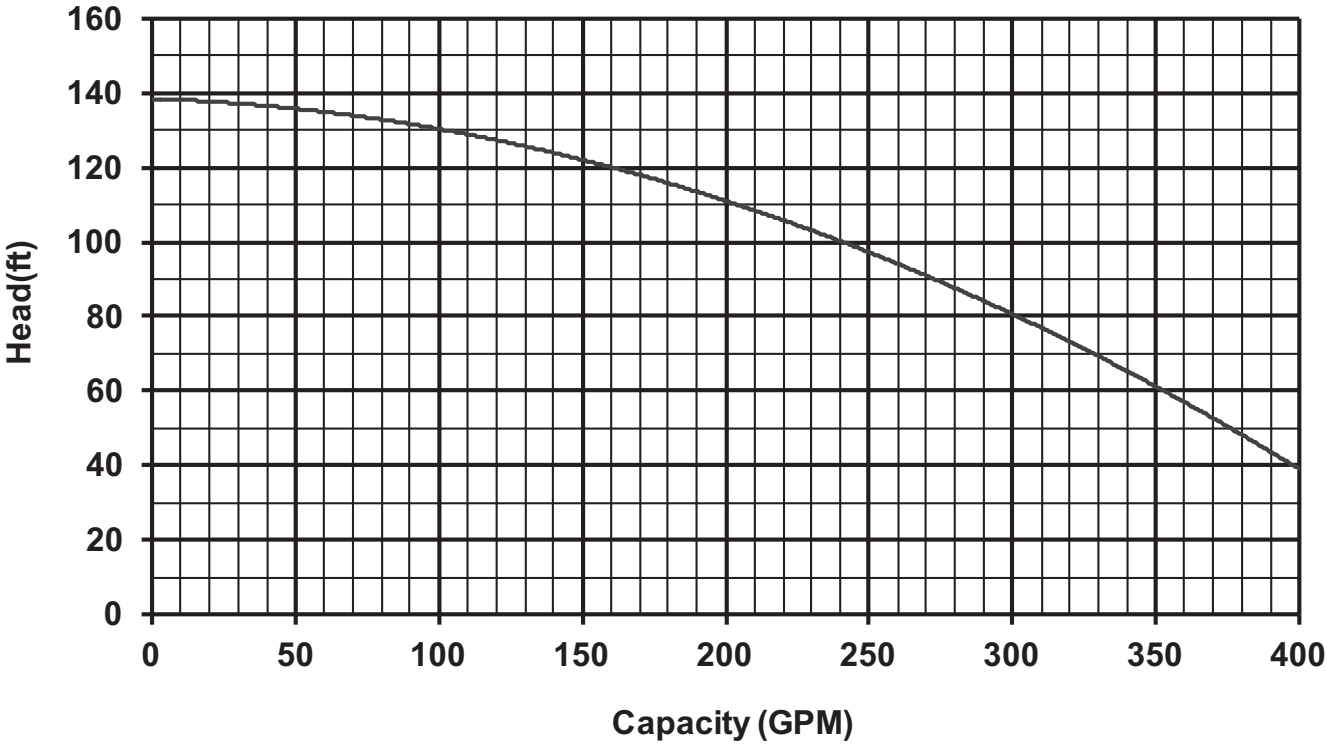
Performance Curves

Project: GPM: TDH: EFF: HP: Chk'd: Date:

80ENZX6114 (15HP) **Synchronous Speed: 1800 RPM** **3 inch Discharge**



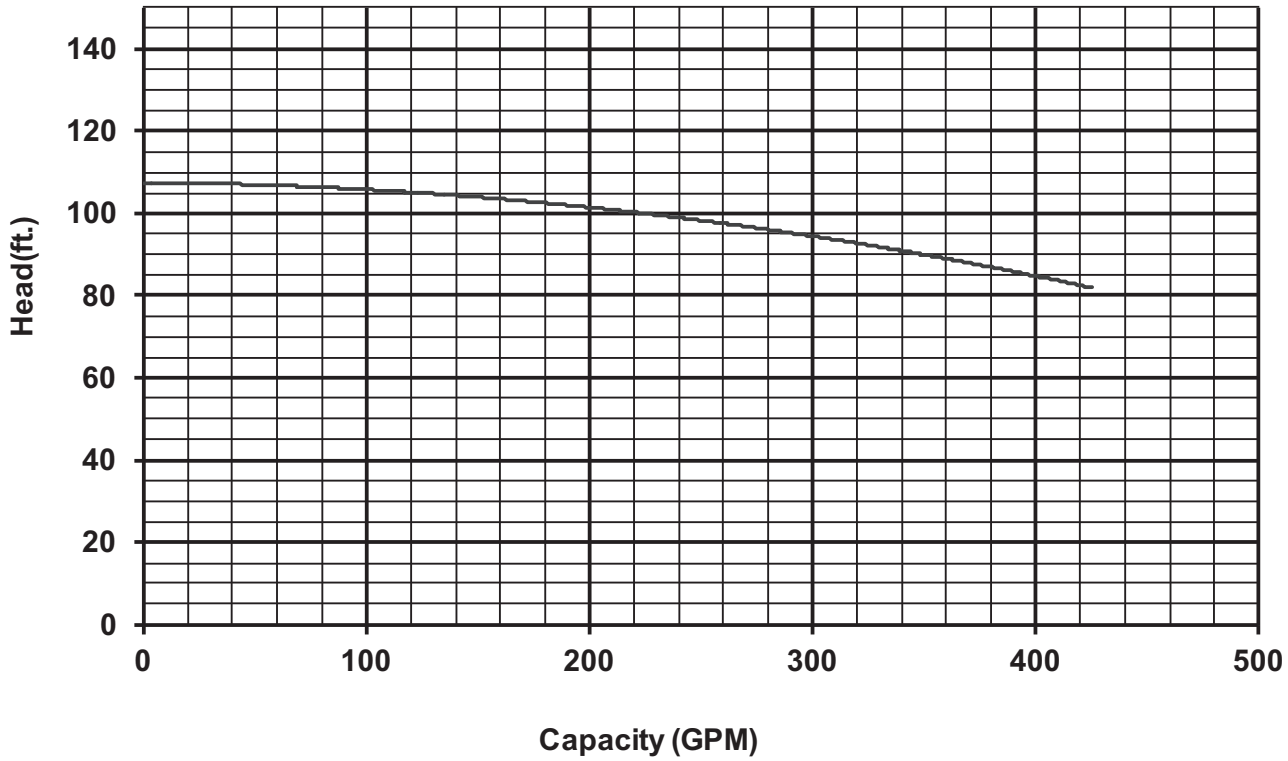
80ENZX6154 (20HP) **Synchronous Speed: 1800 RPM** **3 inch Discharge**



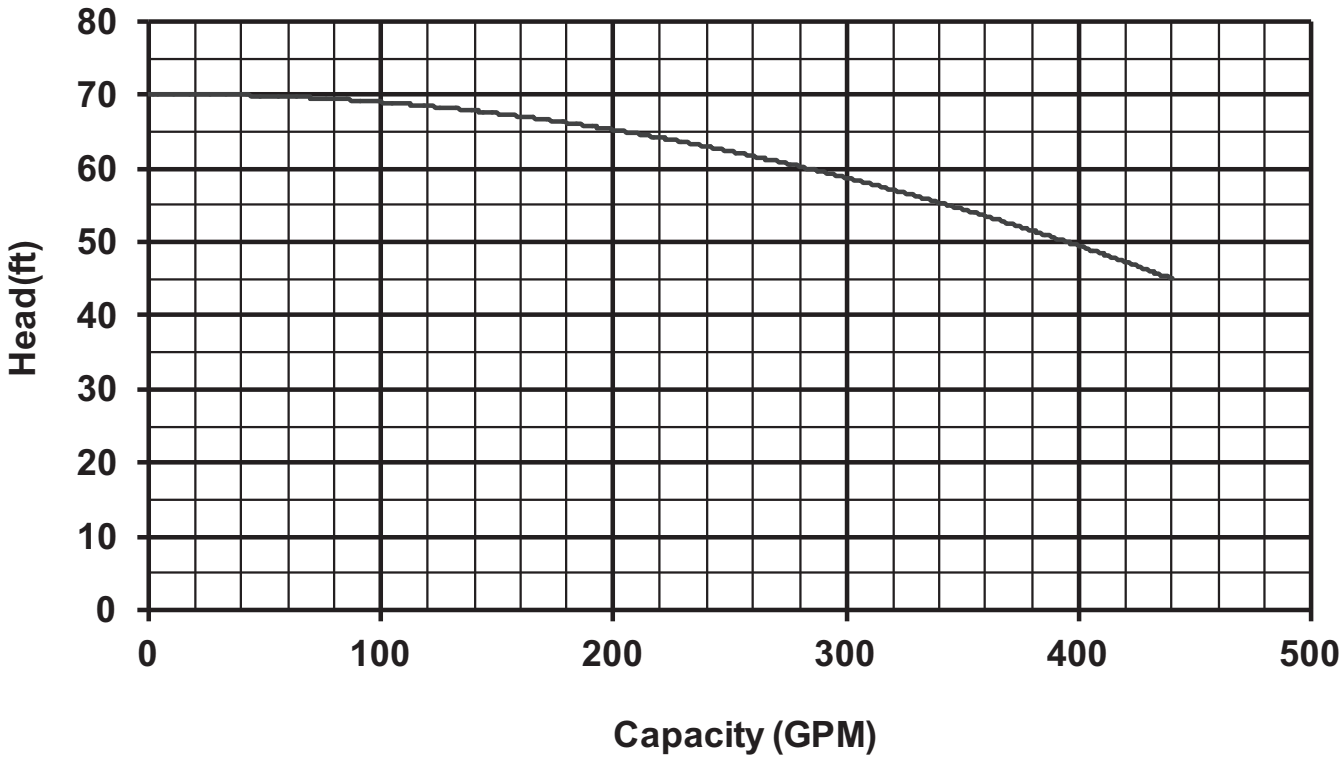
Performance Curves

Project: GPM: TDH: EFF: HP: Chk'd: Date:

100ENZXA6154 (20HP) **Synchronous Speed: 1800 RPM** **4 inch Discharge**



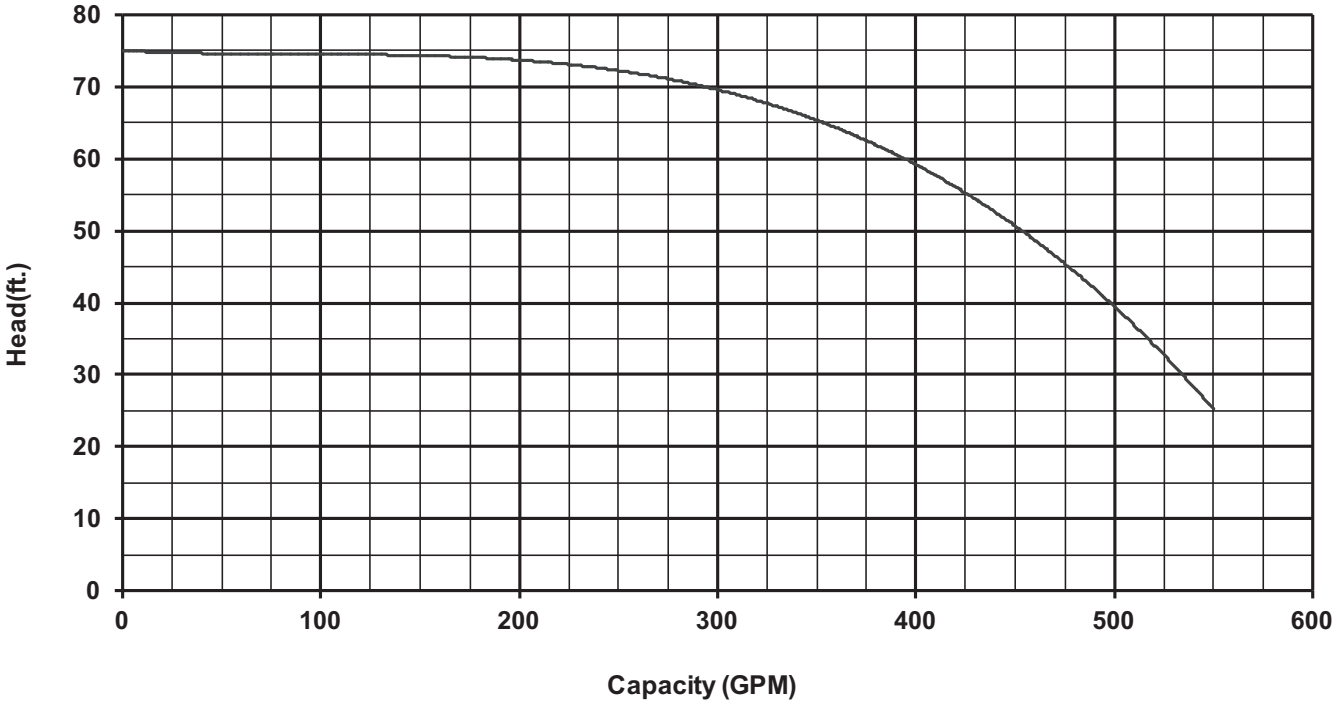
100ENZXB6154 (20HP) **Synchronous Speed: 1800 RPM** **4 inch Discharge**



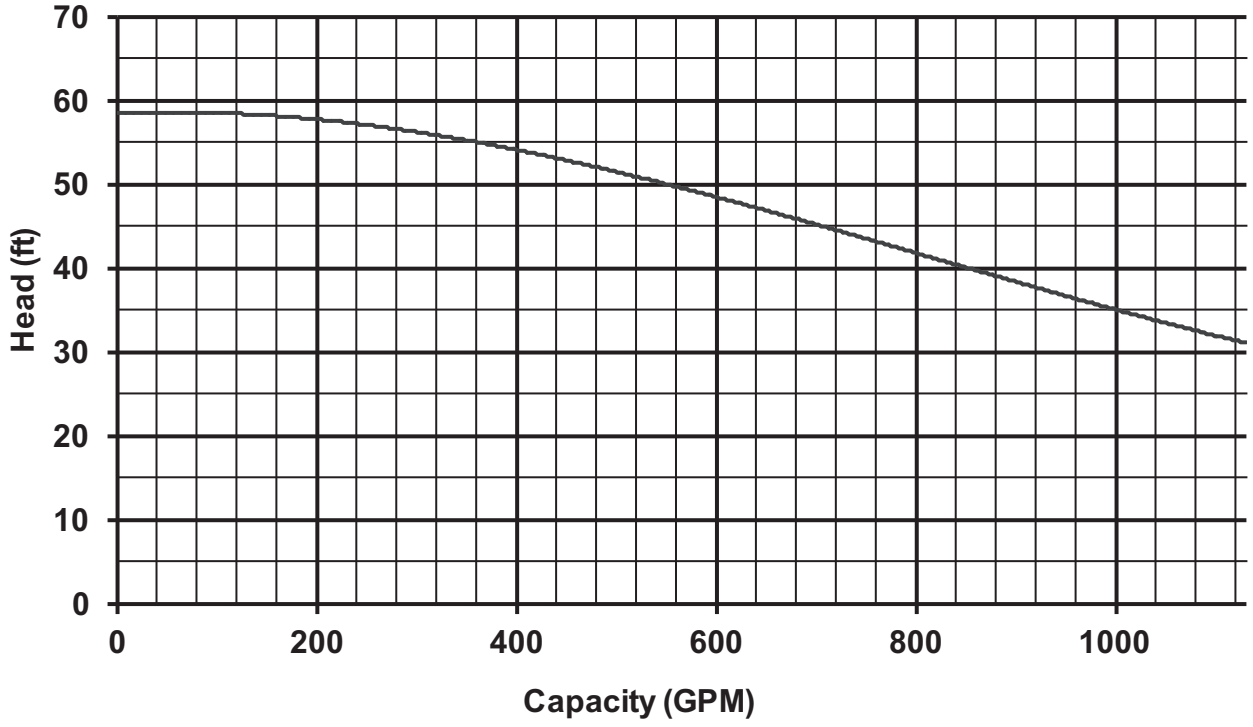
Performance Curves

Project: GPM: TDH: EFF: HP: Chk'd: Date:

100ENZXC6154 (20HP) **Synchronous Speed: 1800 RPM** **4 inch Discharge**

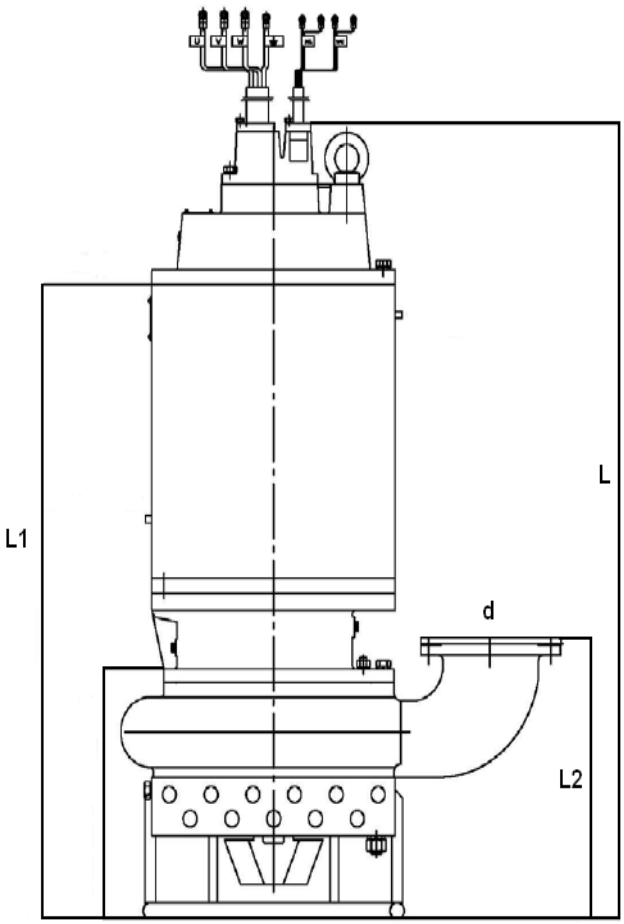


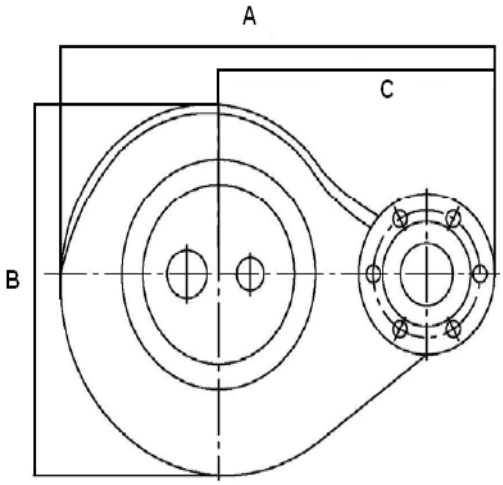
150ENZX6224 (30HP) **Synchronous Speed: 1200 RPM** **6 inch Discharge**



Dimensions

Project: Model: Chk'd: Date:





Unit: inch

Model	L	L1	L2	A	B	C	d
50EXZX65.54	33 1/8	27 9/16	11 5/8	23 13/16	15 3/8	15 5/8	2
80EXZX67.54	33 1/8	27 9/16	11 5/8	23 13/16	15 3/8	15 5/8	3
80EXZX6114	35 15/16	29 1/16	11 13/16	23 13/16	16	16	3
80ENZX6154	37 3/8	30 1/2	11 3/8	26 1/2	17 3/8	17 1/8	3
100ENZXA6154	37 3/8	30 1/2	11 3/8	26 1/2	17 3/8	17 1/8	4
100ENZXB6154	39	32 1/16	13 3/8	24 3/8	16 1/8	17 15/16	4
100ENZXC6154	37 3/8	30 1/2	11 3/8	26 1/2	17 3/8	17 1/8	4
150ENZX6224	54 1/4	43 11/16	19 15/16	34 1/4	24 13/16	21 11/16	6

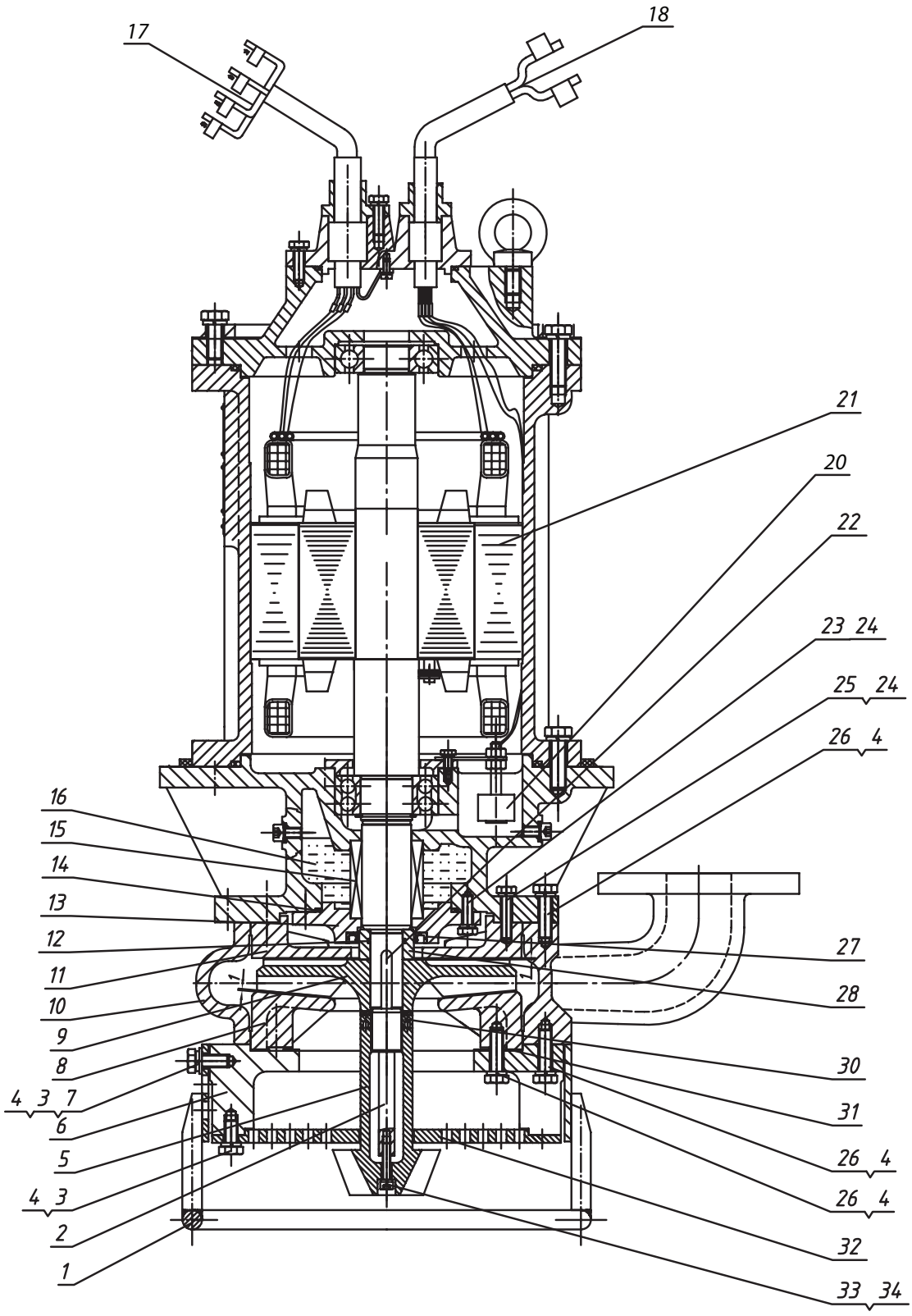
Unit: mm

Model	L	L1	L2	A	B	C	d
50EXZX65.54	842	700	296	605	390	396	50
80EXZX67.54	842	700	296	605	390	396	80
80EXZX6114	913	738	300	605	406	406	80
80ENZX6154	950	774	290	673	440	435	100
100ENZXA6154	950	774	290	673	439	435	100
100ENZXB6154	990	814	340	620	410	455	100
100ENZXC6154	950	774	290	673	439	435	100
150ENZX6224	1375	1110	507	870	630	551	150

Sectional View

Project: Model: Chk'd: Date:

Model 50ENZX65.54



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 50ENZX65.54

Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Stand	ENZX75019	1	304 Stainless Steel
2	Threaded Shaft Extension	ENZX75001	1	304 Stainless Steel
3	Bolt M10X20	-	8	304 Stainless Steel
4	Washer 10	-	26	304 Stainless Steel
5	Agitator	ENZX75002	1	High Chrome Iron
6	Suction Frame	ENZX75005	1	Cast Iron
7	Washer 10	-	4	304 Stainless Steel
8	Suction Liner	ENZX75006	1	High Chrome Iron
9	Impeller	ENZX75008	1	High Chrome Iron
10	Pump Casing	ENZX75007	1	High Chrome Iron
11	Upper Liner	ENZX75010	1	High Chrome Iron
12	O-Ring	ENZX75013*	1	Buna
13	Lower Mech Seal Chamber Cover	ENZX75026	1	Cast Iron
14	O-Ring	ENZX75013*	1	Buna
15	Mechanical Seal	ENZX75012	1	-
16	L-TSA 32# Turbine Oil	-	-	-
17	Power Cable	ENZX75016	1	-
18	Control Cable	ENZX75017	1	-
20	Leakage Detector	ENZX75018	1	-
21	Motor Assembly	-	1	Cast Iron
22	Key C8X45	ENZX75020	1	304 Stainless Steel
23	Bolt M8X25	-	8	304 Stainless Steel
24	Washer 8	-	16	304 Stainless Steel
25	Bolt M8X35	-	8	304 Stainless Steel
26	Bolt M10X35	-	18	304 Stainless Steel
27	Lip Seal	ENZX75014	1	-
28	Wear Bushing	ENZX75015	1	304 Stainless Steel
30	Impeller Nut	ENZX75009	1	304 Stainless Steel
31	Adjustment Washer	ENZX75021	-	Brass
32	Strainer	ENZX75022	1	304 Stainless Steel
33	Screw M6X30	ENZX75027**	1	304 Stainless Steel
34	Washer 6	ENZX75027**	1	304 Stainless Steel

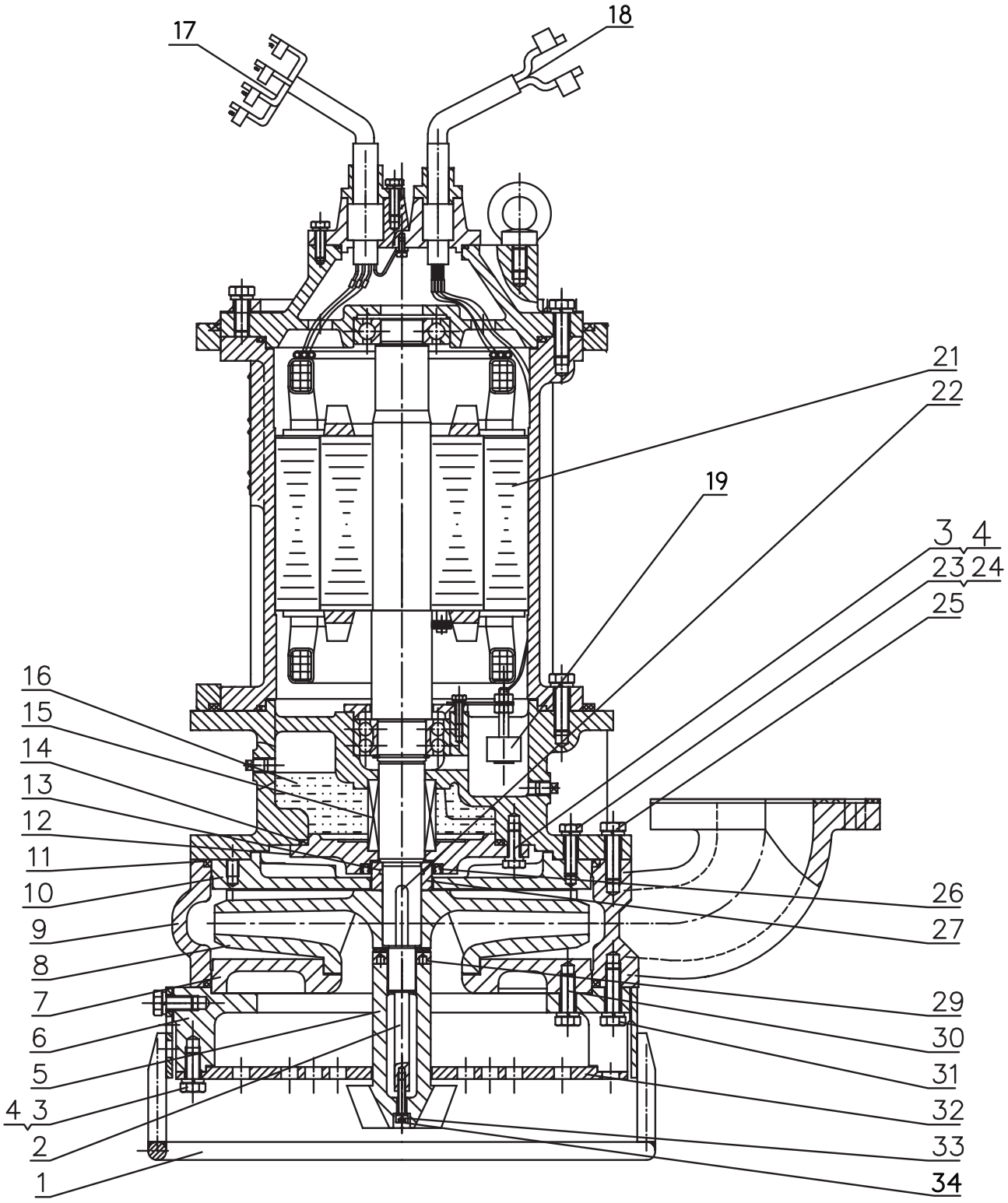
*** O-Ring Kit**

**** Agitator Bolt Kit**

Sectional View

Project: Model: Chk'd: Date:

Model 80ENZX67.54



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 80ENZX67.54

Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Stand	ENZX10019	1	304 Stainless Steel
2	Threaded Shaft Extension	ENZX10001	1	304 Stainless Steel
3	Bolt M12X25	-	16	304 Stainless Steel
4	Washer 12	-	34	304 Stainless Steel
5	Agitator	ENZX10002	1	High Chrome Iron
6	Suction Frame	ENZX10005	1	Cast Iron
7	Suction Liner	ENZX10006	1	High Chrome Iron
8	Impeller	ENZX10008	1	High Chrome Iron
9	Pump Casing	ENZX10007	1	High Chrome Iron
10	Upper Liner	ENZX10010	1	High Chrome Iron
11	O-Ring	ENZX10013*	2	Buna
12	Lower Mech Seal Chamber Cover	ENZX10026	1	Cast Iron
13	O-Ring	ENZX10013*	1	Buna
14	O-Ring	ENZX10013*	1	Buna
15	Mechanical Seal	ENZX10012	1	-
16	L-TSA 32# Turbine Oil	-	-	-
17	Power Cable	ENZX10016	1	-
18	Control Cable	ENZX10017	1	-
19	Leakage Detector	ENZX10018	1	-
21	Motor Assembly	-	1	Cast Iron
22	Key C10X50	ENZX10020	1	304 Stainless Steel
23	Bolt M10X35	-	8	304 Stainless Steel
24	Washer 10	-	8	304 Stainless Steel
25	Bolt M12X40	-	6	304 Stainless Steel
26	Lip Seal	ENZX10014	1	-
27	Wear Bushing	ENZX10015	1	304 Stainless Steel
29	Impeller Nut	ENZX10009	1	304 Stainless Steel
30	Bolt M12X35	-	6	304 Stainless Steel
31	Bolt M12X45	-	6	304 Stainless Steel
32	Strainer	ENZX10022	1	304 Stainless Steel
33	Screw M6X30	ENZX10027**	1	304 Stainless Steel
34	Washer 6	ENZX10027**	1	304 Stainless Steel

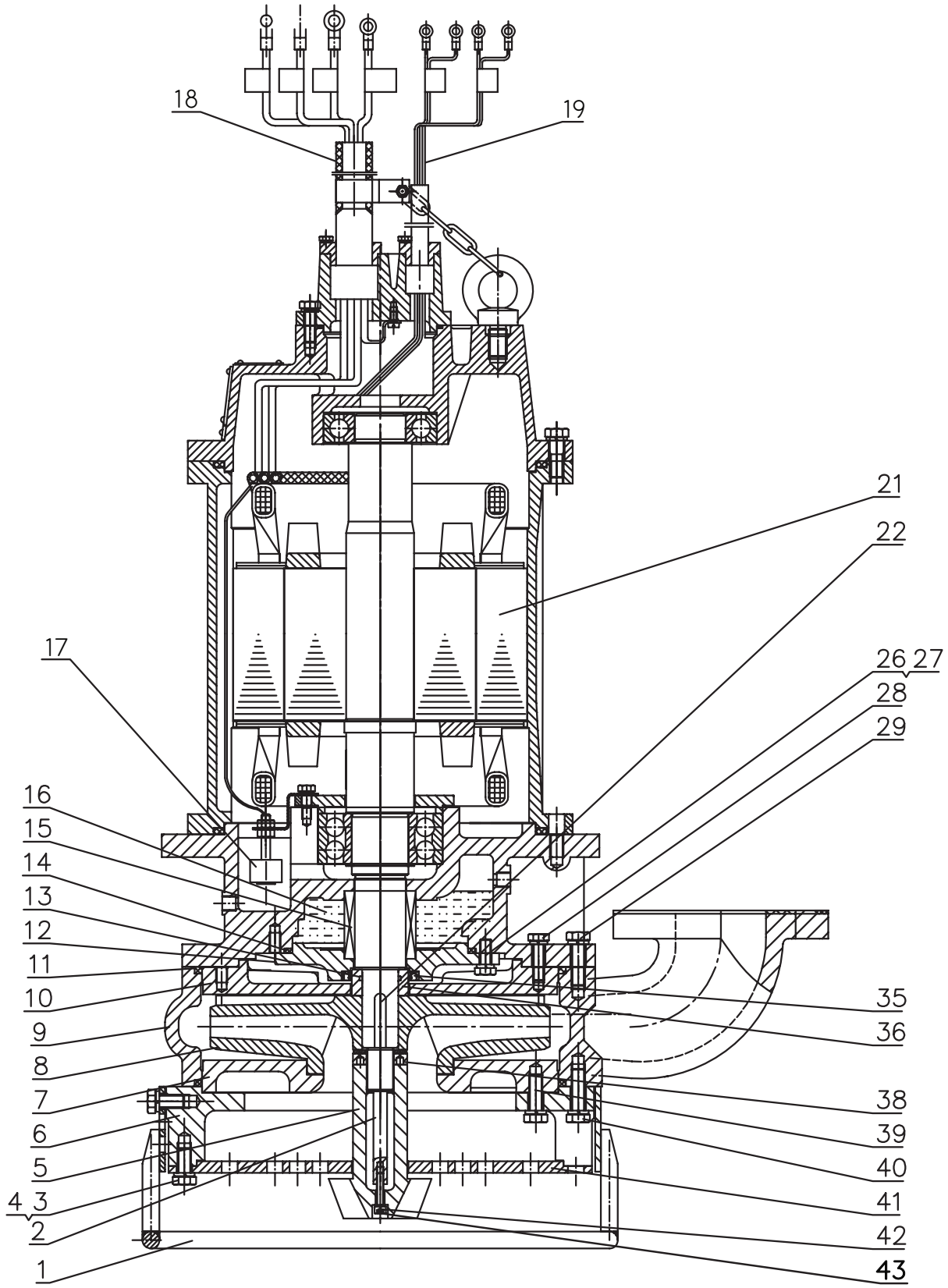
*** O-Ring Kit**

**** Agitator Bolt Kit**

Sectional View

Project: Model: Chk'd: Date:

Model 80ENZX6114



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 80ENZX6114

Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Stand	ENZX15019	1	304 Stainless Steel
2	Threaded Shaft Extension	ENZX15001	1	304 Stainless Steel
3	Bolt M12X25	-	8	304 Stainless Steel
4	Washer 12	-	26	304 Stainless Steel
5	Agitator	ENZX15002	1	High Chrome Iron
6	Suction Frame	ENZX15005	1	Cast Iron
7	Suction Liner	ENZX15006	1	High Chrome Iron
8	Impeller	ENZX15008	1	High Chrome Iron
9	Pump Casing	ENZX15007	1	High Chrome Iron
10	Upper Liner	ENZX15010	1	High Chrome Iron
11	O-Ring	ENZX15013*	2	Buna
12	Lower Mech Seal Chamber Cover	ENZX15026	1	Cast Iron
13	O-Ring	ENZX15013*	1	Buna
14	O-Ring	ENZX15013*	1	Buna
15	Mechanical Seal	ENZX15012	1	-
16	L-TSA 32# Turbine Oil	-	-	-
17	Leakage Detector	ENZX15018	1	-
18	Power Cable	ENZX15016	1	-
19	Control Cable	ENZX15017	1	-
21	Motor Assembly	-	1	Cast Iron
22	Key C10X50	ENZX15020	1	304 Stainless Steel
26	Bolt M10X25	-	8	304 Stainless Steel
27	Washer 10	-	16	304 Stainless Steel
28	Bolt M10X35	-	8	304 Stainless Steel
29	Bolt M10X40	-	6	304 Stainless Steel
35	Lip Seal	ENZX15014	1	-
36	Wear Bushing	ENZX15015	1	304 Stainless Steel
38	Impeller Nut	ENZX15009	1	304 Stainless Steel
39	Bolt M12X35	-	6	304 Stainless Steel
40	Bolt M12X45	-	6	304 Stainless Steel
41	Strainer	ENZX15022	1	304 Stainless Steel
42	Screw M6X30	ENZX15027**	1	304 Stainless Steel
43	Washer 6	ENZX15027**	1	304 Stainless Steel

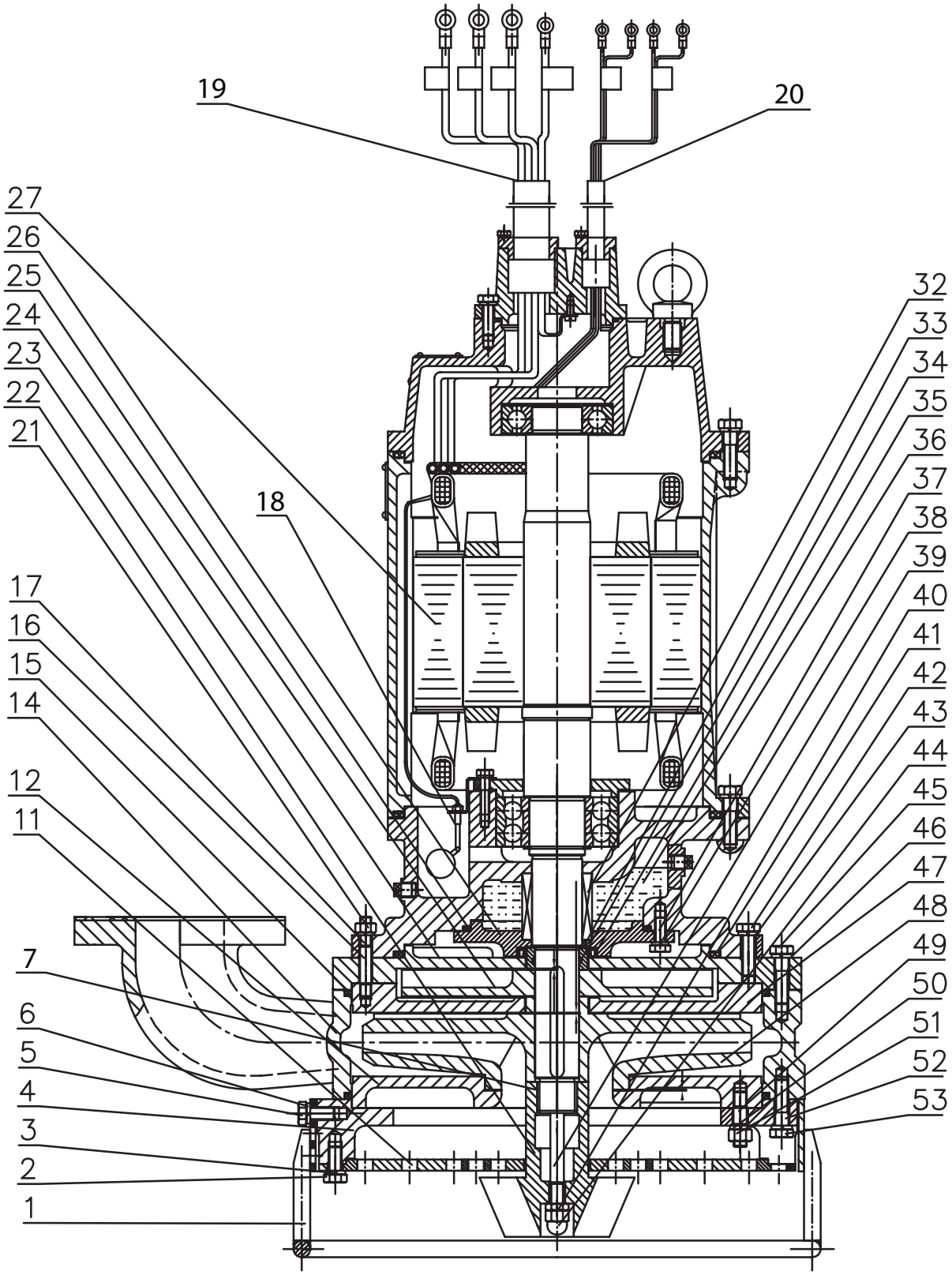
*** O-Ring Kit**

**** Agitator Bolt Kit**

Sectional View

Project: Model: Chk'd: Date:

Model 80ENZX6154 – Two-Stage Model



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 80ENZX6154 – Two-Stage Model

Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Stand	ENZX20019	1	304 Stainless Steel
2	Bolt M12X25	-	4	304 Stainless Steel
3	Washer 12	-	4	304 Stainless Steel
4	Suction Frame	ENZX20005	1	Cast Iron
5	Bolt M12X25	-	4	304 Stainless Steel
6	Washer 12	-	4	304 Stainless Steel
7	Impeller Nut	ENZX20009	1	304 Stainless Steel
11	Strainer	ENZX20022	1	304 Stainless Steel
12	Suction Liner	ENZX20006	1	High Chrome Iron
14	Pump Casing	ENZX20007	1	High Chrome Iron
15	O-Ring	ENZX20013*	2	Buna
16	Bolt M10X60	-	6	304 Stainless Steel
17	Washer 10	-	6	304 Stainless Steel
18	Leakage Detector	ENZX20018	1	-
19	Power Cable	ENZX20016	1	-
20	Control Cable	ENZX20017	1	-
21	Nut M10	-	2	304 Stainless Steel
22	Agitator	ENZX20002	1	High Chrome Iron
23	Back Liner	ENZX20023	1	High Chrome Iron
24	Assistant Impeller	ENZX20011	1	High Chrome Iron
25	O-Ring	ENZX20013*	1	Buna
26	Lower Mech Seal Chamber Cover	ENZX20026	1	Cast Iron
27	Motor Assembly	-	1	Cast Iron
32	Mechanical Seal	ENZX20012	1	
33	Wear Bushing	ENZX20015	1	304 Stainless Steel
34	O-Ring	ENZX20013*	1	Buna
35	Lip Seal	ENZX20014	1	-
36	L-TSA 32# Turbine Oil	-	-	-
37	Washer 10	-	8	304 Stainless Steel
38	Bolt M10X25	-	8	304 Stainless Steel
39	Threaded Shaft Extension	ENZX20001	1	304 Stainless Steel
40	Nut M12	ENZX20027**	1	304 Stainless Steel
41	O-Ring	ENZX20013*	1	Buna
42	Bolt M12X40	-	6	304 Stainless Steel
43	Washer 12	-	6	304 Stainless Steel
44	Nut M12	ENZX20027**	1	304 Stainless Steel
45	Bolt M12X45	-	6	304 Stainless Steel
46	Washer 12	-	6	304 Stainless Steel
47	Upper Liner	ENZX20010	1	High Chrome Iron
48	Impeller	ENZX20008	1	High Chrome Iron
49	Bolt A M12X35	-	6	304 Stainless Steel
50	Washer 12	-	6	304 Stainless Steel
51	Nut M12	-	6	304 Stainless Steel
52	Washer 12	-	6	304 Stainless Steel
53	Bolt M12X45	-	6	304 Stainless Steel

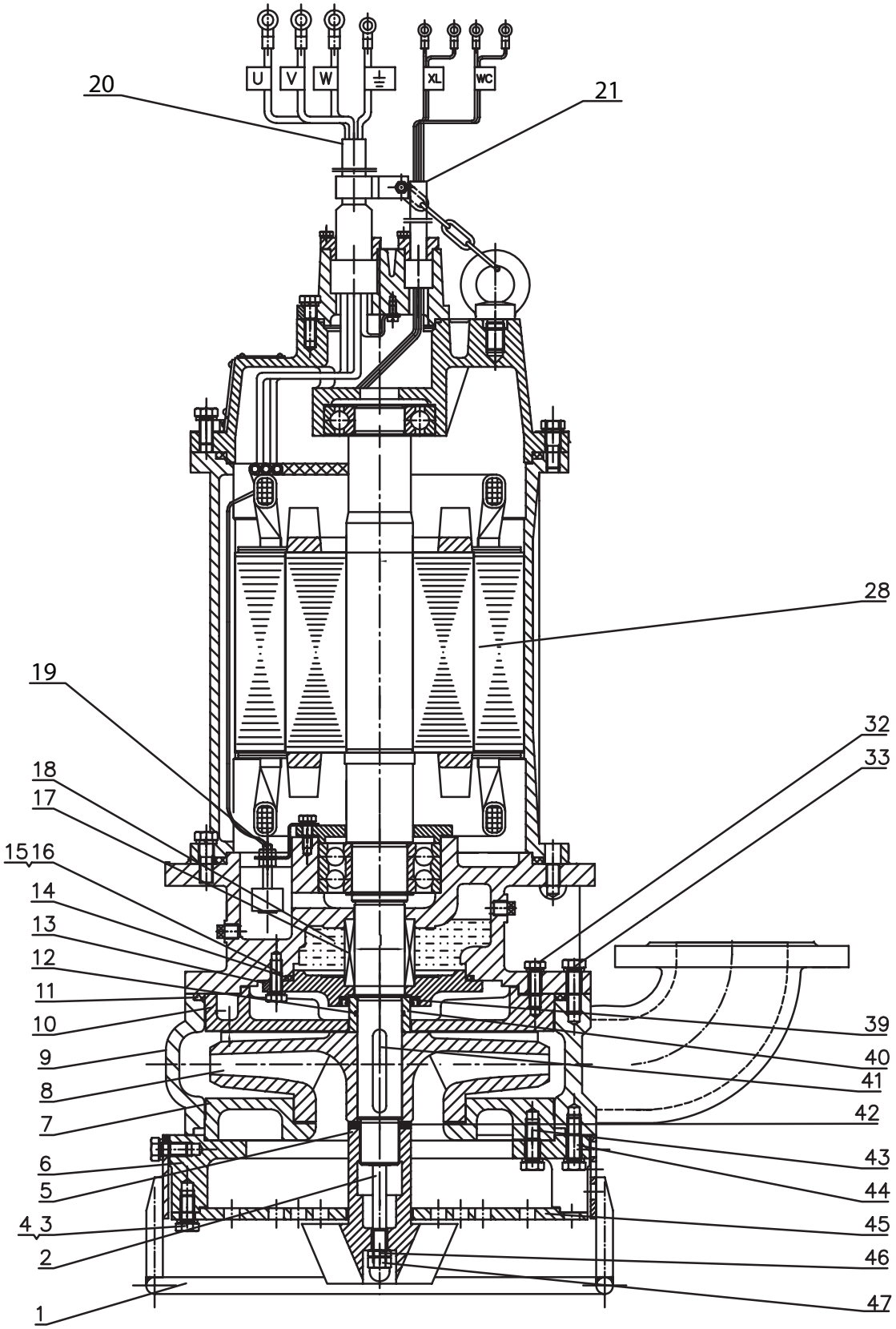
*** O-Ring Kit**

**** Agitator Bolt Kit**

Sectional View

Project: Model: Chk'd: Date:

Model 100ENZXA6154



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 100ENZXA6154

Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Stand	ENZXA20019	1	304 Stainless Steel
2	Threaded Shaft Extension	ENZXA20001	1	304 Stainless Steel
3	Bolt M12X25	-	8	304 Stainless Steel
4	Washer 12	-	32	304 Stainless Steel
5	Agitator	ENZXA20002	1	High Chrome Iron
6	Suction Frame	ENZXA20005	1	Cast Iron
7	Suction Liner	ENZXA20006	1	High Chrome Iron
8	Impeller	ENZXA20008	1	High Chrome Iron
9	Pump Casing	ENZXA20007	1	High Chrome Iron
10	Upper Liner	ENZXA20010	1	High Chrome Iron
11	O-Ring	ENZXA20013*	2	Buna
12	O-Ring	ENZXA20013*	1	Buna
13	Lower Mech Seal Chamber Cover	ENZXA20026	1	Cast Iron
14	O-Ring	ENZXA20013*	1	Buna
15	Washer 10	-	16	304 Stainless Steel
16	Bolt M10X25	-	8	304 Stainless Steel
17	Mechanical Seal	ENZXA20012	1	-
18	L-TSA 32# Turbine Oil	-	-	-
19	Leakage Detector	ENZXA20018	1	-
20	Power Cable	ENZXA20016	1	-
21	Control Cable	ENZXA20017	1	-
28	Motor Assembly	-	1	Cast Iron
32	Bolt M10X35	-	8	304 Stainless Steel
33	Bolt M12X40	-	6	304 Stainless Steel
39	Lip Seal	ENZXA20014	1	-
40	Wear Bushing	ENZXA20015	1	304 Stainless Steel
41	Key C12X75	ENZXA20020	1	304 Stainless Steel
42	Impeller Nut	ENZXA20009	1	Carbon Steel
43	Bolt M12X35	-	6	304 Stainless Steel
44	Bolt M12X45	-	6	304 Stainless Steel
45	Strainer	ENZXA20022	1	304 Stainless Steel
46	Nut M12	ENZXA20027**	1	304 Stainless Steel
47	Nut M12	ENZXA20027**	1	304 Stainless Steel

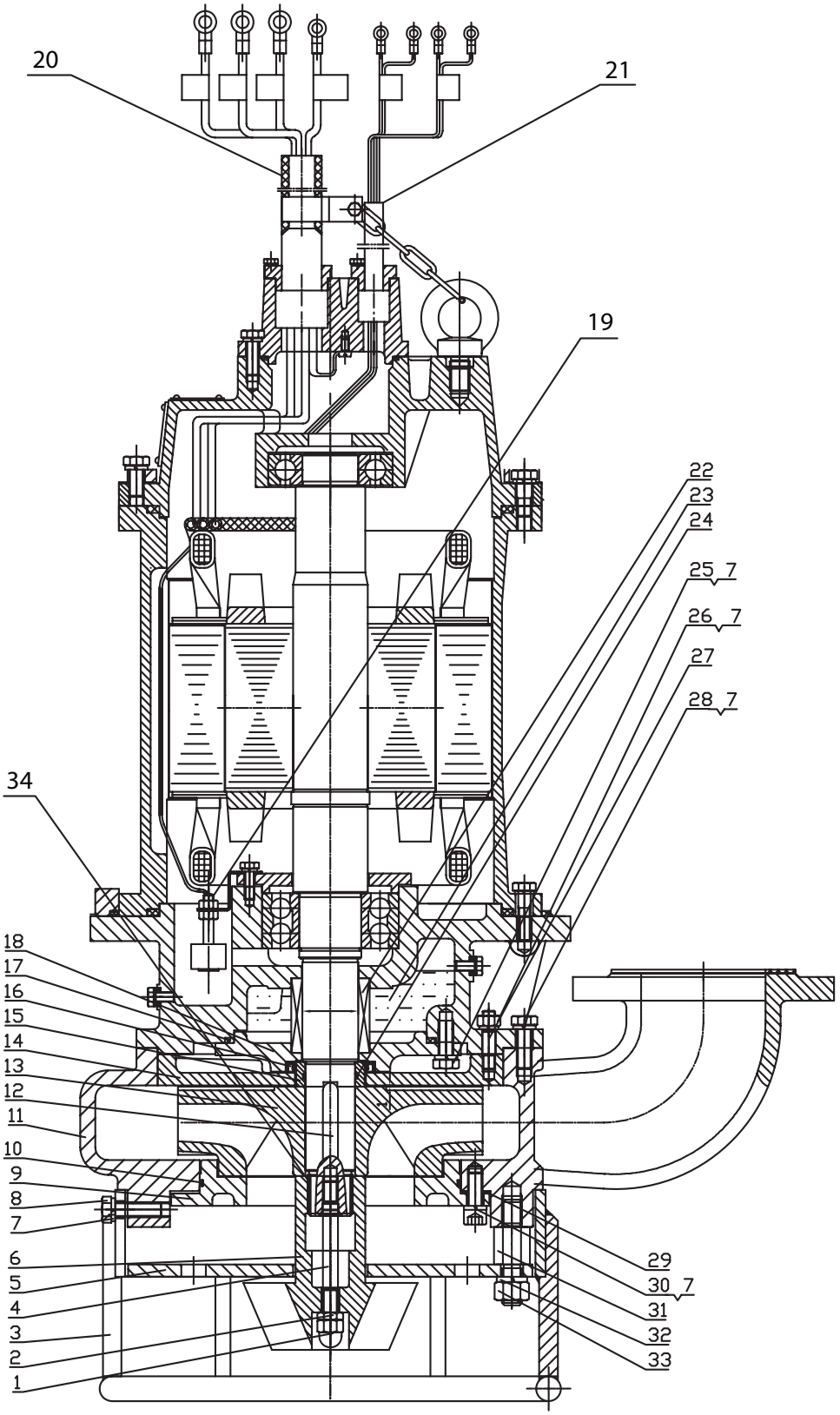
*** O-Ring Kit**

**** Agitator Bolt Kit**

Sectional View

Project: Model: Chk'd: Date:

Model 100ENZXB6154



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 100ENZXB6154

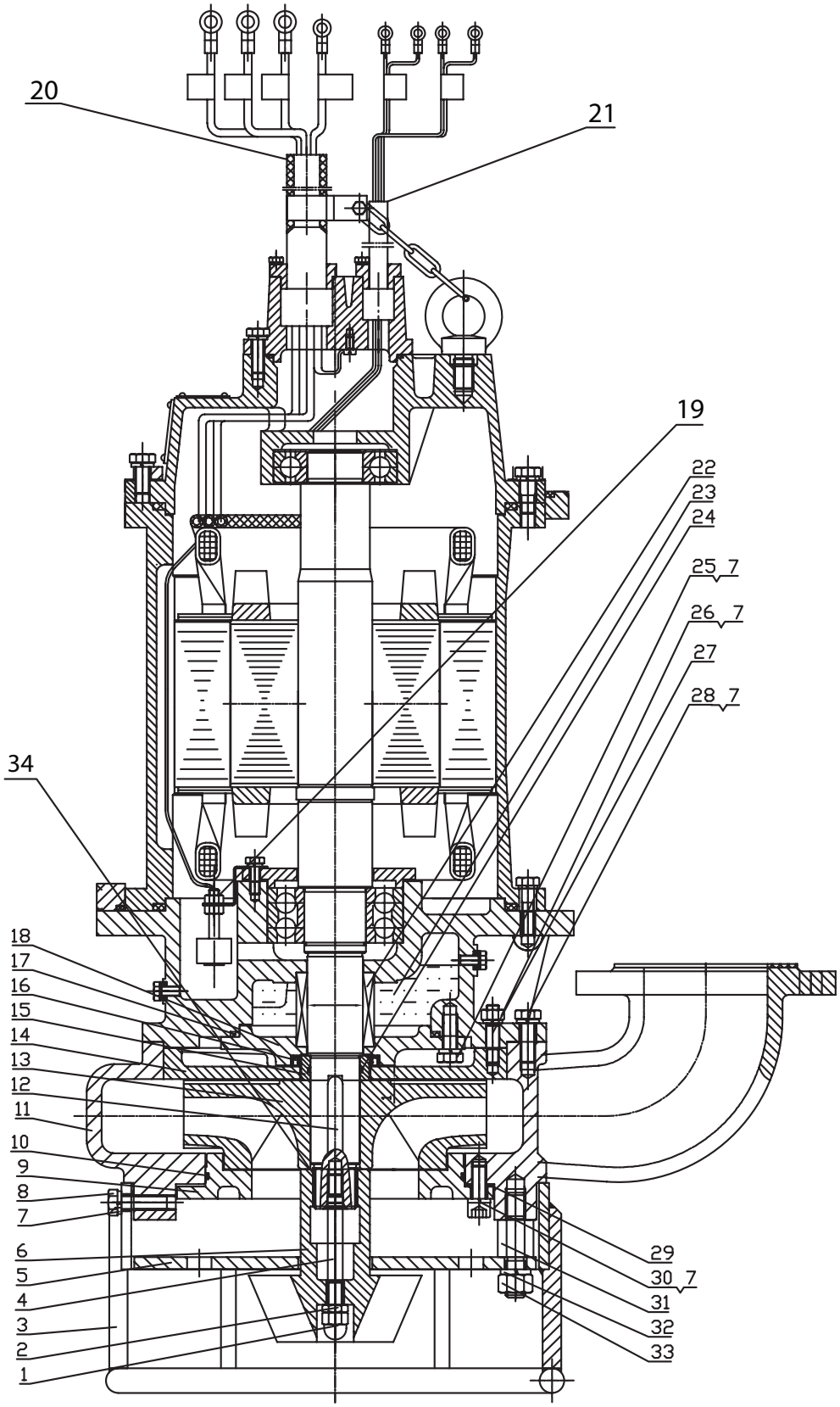
Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Nut M12	ENZXB20027**	1	304 Stainless Steel
2	Nut M12	ENZXB20027**	1	304 Stainless Steel
3	Stand	ENZXB20019	1	304 Stainless Steel
4	Threaded Shaft Extension	ENZXB20001	1	304 Stainless Steel
5	Strainer	ENZXB20022	1	304 Stainless Steel
6	Agitator	ENZXB20002	1	High Chrome Iron
7	Washer 12	-	27	304 Stainless Steel
8	Bolt M12X30	-	4	304 Stainless Steel
9	Suction Liner	ENZXB20006	1	High Chrome Iron
10	O-Ring	ENZXB20013*	1	Buna
11	Pump Casing	ENZXB20007	1	High Chrome Iron
12	Key 12X40	ENZXB20020	1	304 Stainless Steel
13	Impeller	ENZXB20008	1	High Chrome Iron
14	Upper Liner	ENZXB20010	1	High Chrome Iron
15	Wear Bushing	ENZXB20015	1	304 Stainless Steel
16	Lip Seal	ENZXB20014	1	-
17	O-Ring	ENZXB20013*	1	Buna
18	Lower Mech Seal Chamber Cover	ENZXB20026	1	Cast Iron
19	Leakage Detector	ENZXB20018	1	-
20	Power Cable	ENZXB20016	1	-
21	Control Cable	ENZXB20017	1	-
22	Mechanical Seal	ENZXB20012	1	-
23	L-TSA 32# Turbine Oil	-	-	-
24	O-Ring	ENZXB20013*	1	Buna
25	Bolt M12X25	-	8	304 Stainless Steel
26	Nut M10	-	3	304 Stainless Steel
27	Bolt A M10X35	-	3	304 Stainless Steel
28	Bolt M12X35	-	6	304 Stainless Steel
29	Adjustment Washer	ENZXB20021	-	Brass
30	Screw M12X30	-	6	304 Stainless Steel
31	Fix Bolt	-	4	304 Stainless Steel
32	Washer 16	-	4	304 Stainless Steel
33	Nut M15	-	4	304 Stainless Steel
34	Impeller Nut	ENZXB20009	1	304 Stainless Steel

*** O-Ring Kit**
**** Agitator Bolt Kit**

Sectional View

Project: Model: Chk'd: Date:

Model 100ENZXC6154



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 100ENZXC6154

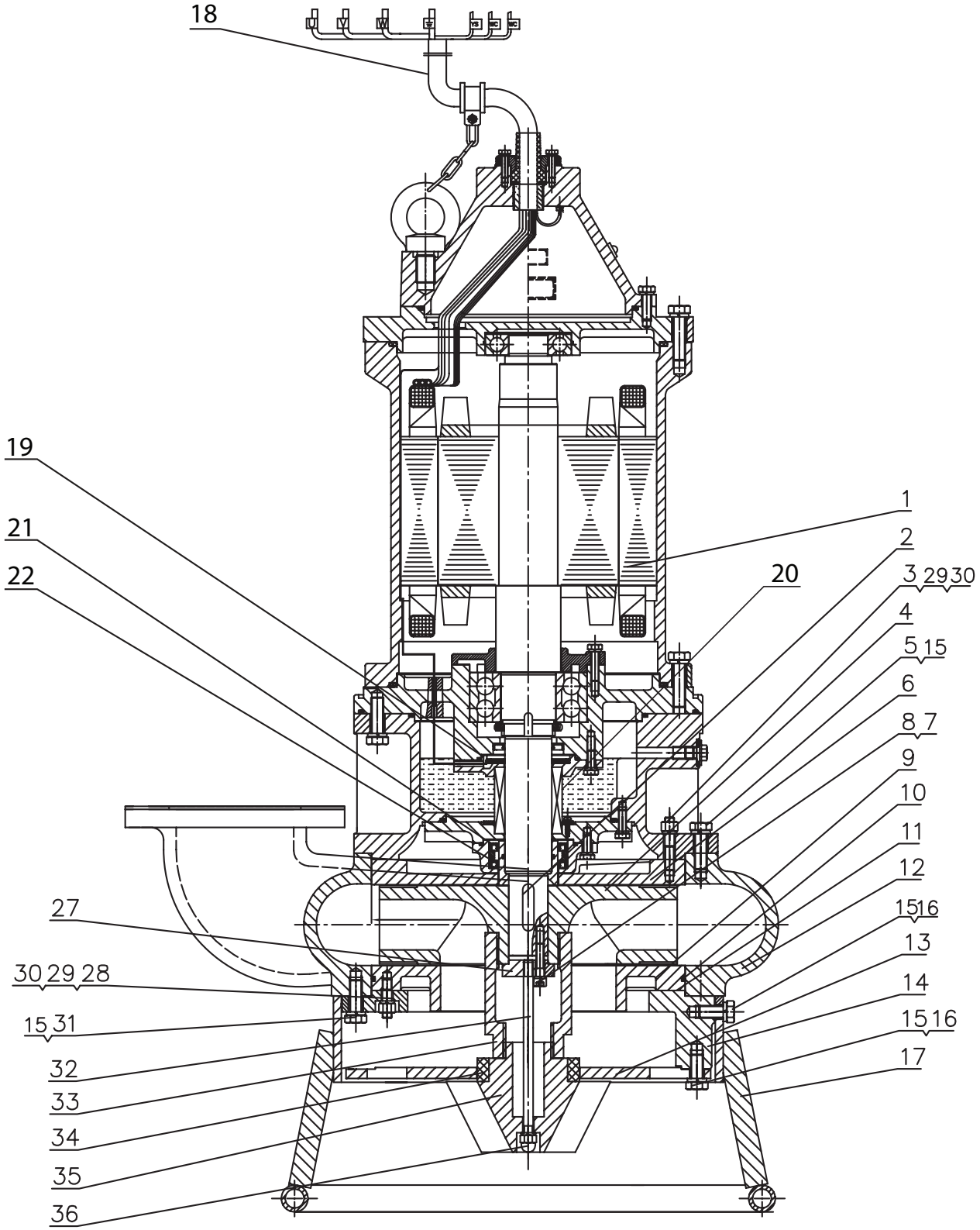
Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Nut M12	ENZXC20027**	1	304 Stainless Steel
2	Nut M12	ENZXC20027**	1	304 Stainless Steel
3	Stand	ENZXC20019	1	304 Stainless Steel
4	Threaded Shaft Extension	ENZXC20001	1	304 Stainless Steel
5	Strainer	ENZXC20022	1	304 Stainless Steel
6	Agitator	ENZXC20002	1	High Chrome Iron
7	Washer 12	-	27	304 Stainless Steel
8	Bolt M12X30	-	4	304 Stainless Steel
9	Suction Liner	ENZXC20006	1	High Chrome Iron
10	O-Ring	ENZXC20013*	1	Buna
11	Pump Casing	ENZXC20007	1	High Chrome Iron
12	Key 12X40	ENZXC20020	1	304 Stainless Steel
13	Impeller	ENZXC20008	1	High Chrome Iron
14	Upper Liner	ENZXC20010	1	High Chrome Iron
15	Wear Bushing	ENZXC20015	1	304 Stainless Steel
16	Lip Seal	ENZXC20014	1	-
17	O-Ring	ENZXC20013*	1	Buna
18	Lower Mech Seal Chamber Cover	ENZXC20026	1	Cast Iron
19	Leakage Detector	ENZXC20018	1	-
20	Power Cable	ENZXC20016	1	-
21	Control Cable	ENZXC20017	1	-
22	Mechanical Seal	ENZXC20012	1	-
23	L-TSA 32# Turbine Oil	-	-	-
24	O-Ring	ENZXC20013*	1	Buna
25	Bolt M12X25	-	8	304 Stainless Steel
26	Nut M10	-	3	304 Stainless Steel
27	Bolt A M10X35	-	3	304 Stainless Steel
28	Bolt M12X35	-	6	304 Stainless Steel
29	Adjustment Washer	ENZXC20021	-	Brass
30	Screw M12X30	-	6	304 Stainless Steel
31	Fix Bolt	-	4	304 Stainless Steel
32	Washer 16	-	4	304 Stainless Steel
33	Nut M15	-	4	304 Stainless Steel
34	Impeller Nut	ENZXC20009	1	304 Stainless Steel

*** O-Ring Kit**
**** Agitator Bolt Kit**

Sectional View

Project: Model: Chk'd: Date:

Model 150ENZX6224



Sectional View - Parts Reference

Project: Model: Chk'd: Date:

Model 150ENZX6224

Item No.	Part Description	Part Number	QTY for 1 pump	Material
1	Motor Assembly	-	1	Cast Iron
2	Key 14X60	ENZX30020	1	304 Stainless Steel
3	Bolt A M12X50	-	6	304 Stainless Steel
4	Impeller	ENZX30008	1	High Chrome Iron
5	Bolt M16X50	-	6	304 Stainless Steel
6	Upper Liner	ENZX30010	1	High Chrome Iron
7	Washer 10	-	4	304 Stainless Steel
8	Screw M10X45	-	4	304 Stainless Steel
9	Suction Liner	ENZX30006	1	High Chrome Iron
10	O-Ring	ENZX30013	1	Buna
11	Adjustment Washer	ENZX30021	-	Brass
12	Pump Casing	ENZX30007	1	High Chrome Iron
13	Strainer	ENZX30022	1	304 Stainless Steel
14	Suction Frame	ENZX30005	1	Cast Iron
15	Washer 16	-	20	304 Stainless Steel
16	Bolt M16X35	-	8	304 Stainless Steel
17	Stand	ENZX30019	1	304 Stainless Steel
18	Power Cable	ENZX30016	1	-
19	Leakage Detector	ENZX30018	1	-
20	Mechanical Seal	ENZX30012	1	-
21	Lip Seal	ENZX30014	1	-
22	Wear Bushing	ENZX30015	1	304 Stainless Steel
27	Impeller Nut	ENZX30009	1	Carbon Steel
28	Bolt A M12X35	-	6	304 Stainless Steel
29	Washer 12	-	15	304 Stainless Steel
30	Nut M12	-	15	304 Stainless Steel
31	Bolt M16X45	-	6	304 Stainless Steel
32	Threaded Shaft Extension	ENZX30001	1	304 Stainless Steel
33	Hub	ENZX30004	1	High Chrome Iron
34	Rubber Bushing	ENZX30003	1	Rubber
35	Agitator	ENZX30002	1	High Chrome Iron
36	Nut M12	ENZX30027	1	304 Stainless Steel

Motor Data

Project: Model: Chk'd: Date:

Name-Plate Rating	Output	HP	7.5	10	15	20	30
		kW	5.5	7.5	11	15	22
	Phase		3	3	3	3	3
	Poles		4	4	4	4	6
	Volts		460	460	460	460	460
	Amperes		9.7	13	18.5	24.7	36.7
	Speed		1800	1800	1800	1800	1200
	Installation Class		F	F	F	F	F
Service Factor			1.05	1.05	1.05	1.05	1.05
Start Current		Amp.	48	65	92	123	183
Locked Rotor Current		Amp.	67	91	129	197	296
Max. Ambient Temp.			95°F, 35°C	95°F, 35°C	95°F, 35°C	95°F, 35°C	95°F, 35°C
Max. Submersed Depth			66ft, 20m	66ft, 20m	66ft, 20m	66ft, 20m	66ft, 20m

Cable Specification

HP	Power Cable					Sensor Cable				
	Type	No. Of COND	Gauge		Length Ft.	Type	No. Of COND	Gauge		Length Ft.
			mm²	AWG				mm²	AWG	
7.5	SOW	4	3.5	12	40	SOW	5	1	18	40
10										
15			5.5	10						
20										
30		7	8	8	30	NA				

Note: UL/CSA Listed 40 ft cables standard on all models, EXCEPT for the 30 HP model (30 ft single power cable). Consult factory for alternate cable lengths.

Note: Proper motor starter size and motor protection must be installed for warranty to be considered.

Project: Model: Chk'd: Date:

Overview

Panels are built specifically for the ENZX models and are designed to operate and control all protection devices on the pump.

Models

- ECP-1 - Operates pumps from 7.5 to 10 HP
- ECP-2 - Operates pumps from 15 to 20 HP
- ECP-3 - Operates pumps from 30 HP

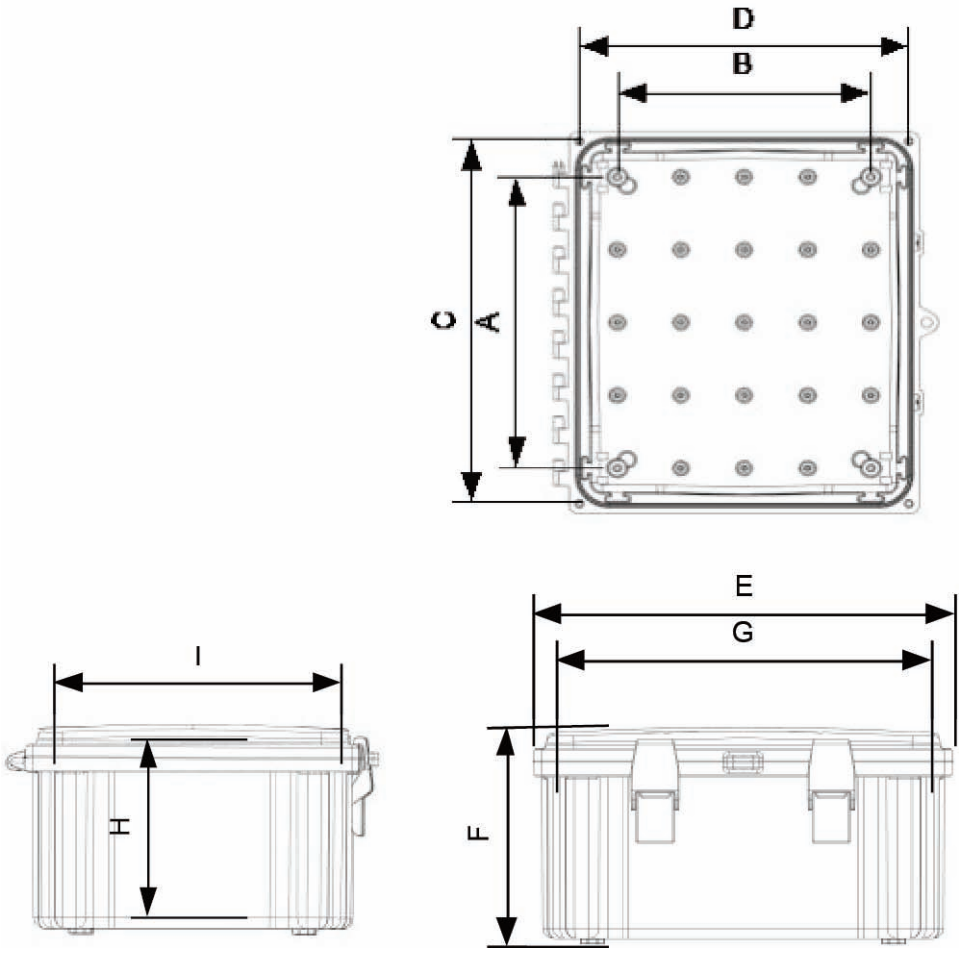


Features

- NEMA 4X Enclosure
- UL Listed/CSA Approved
- Terminal Blocks for Connections
- Local Disconnect Switch
- HOA Switch, Alarm On and Off Switch
- Alarm Light
- All connections for seal leak and motor temperature devices

Project: Model: Chk'd: Date:

Dimensions
Models: ECP-1, ECP-2



Unit: inch

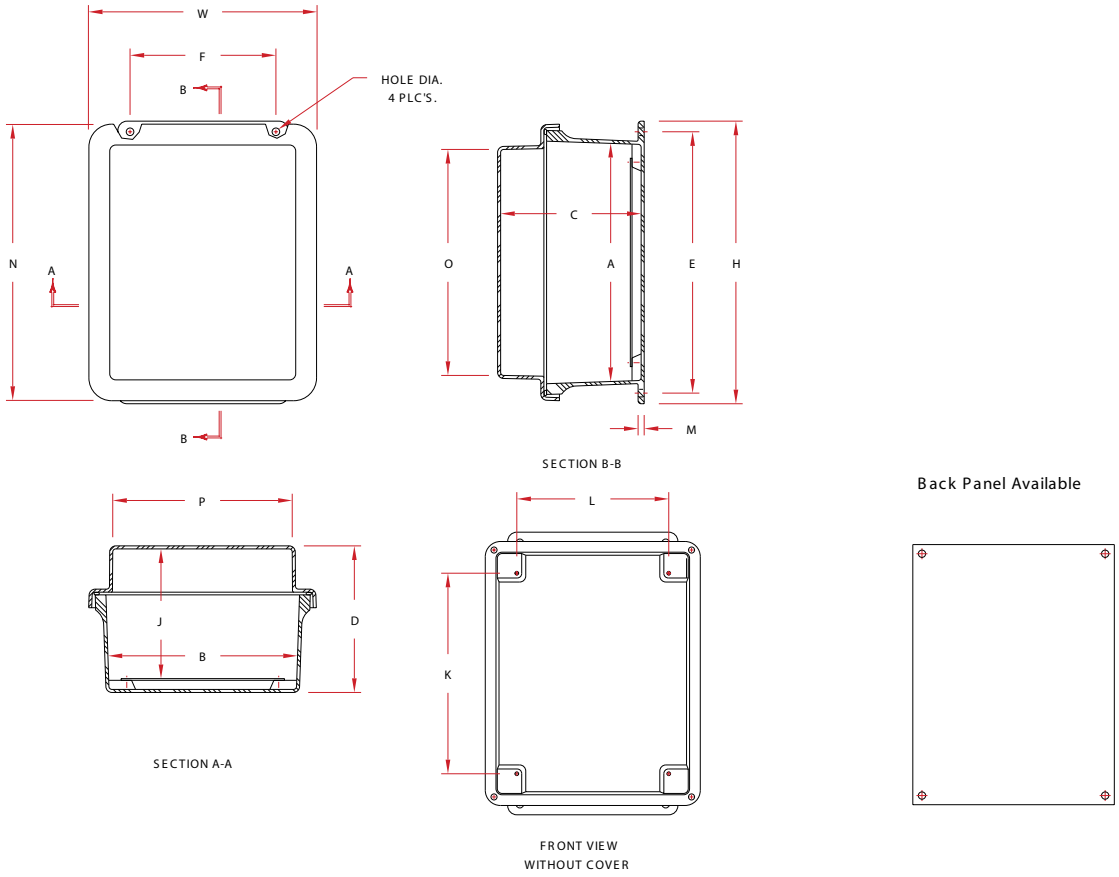
A	B	C	D	E	F	G	H	I
16 1/4	14 1/4	18 3/4	16 3/4	19 3/8	11 11/16	18 5/16	11	16 3/8

Unit: mm

A	B	C	D	E	F	G	H	I
413	362	476	425	492	297	465	279	416

Project: Model: Chk'd: Date:

Dimensions
Models: ECP-3



Unit: inch

A	B	C	D	E	F	H	J	K	L	M	N	O	P	W
17 11/16	15 11/16	10 5/16	10 5/8	18 7/8	12	19 5/8	9 7/8	16 1/4	14 1/4	1/4	19 1/2	17 1/4	15 1/4	17 1/2

Unit: mm

A	B	C	D	E	F	H	J	K	L	M	N	O	P	W
449	398	262	270	479	305	498	251	413	362	6	495	438	387	444