

FEATURES/BENEFITS

- Performances
 - Heads Up To 82' TDH
 - Flows Up To 170 GPM
- Oil Filled High Efficient Motor With Upper & Lower Ball Bearings
 - Maximum Motor Cooling
 - Runs Cooler & Last Longer
 - Internal Overload Protection
- Cast Iron Impeller
 - 2 Vane Passes 2" Solids
- Quick Disconnect Power Cord & (Seal Failure Cord) Optional
 - Prevents Water From Entering The Motor Housing
 - Easy To Replace
 - Up To 50' Available
- Heavy Duty Cast Iron Construction
- Piggy-Back Switch Design
 - Defective Switches Can Be Diagnosed By Phone
 - Pump Can Be Operated Manually By Overriding The Switch

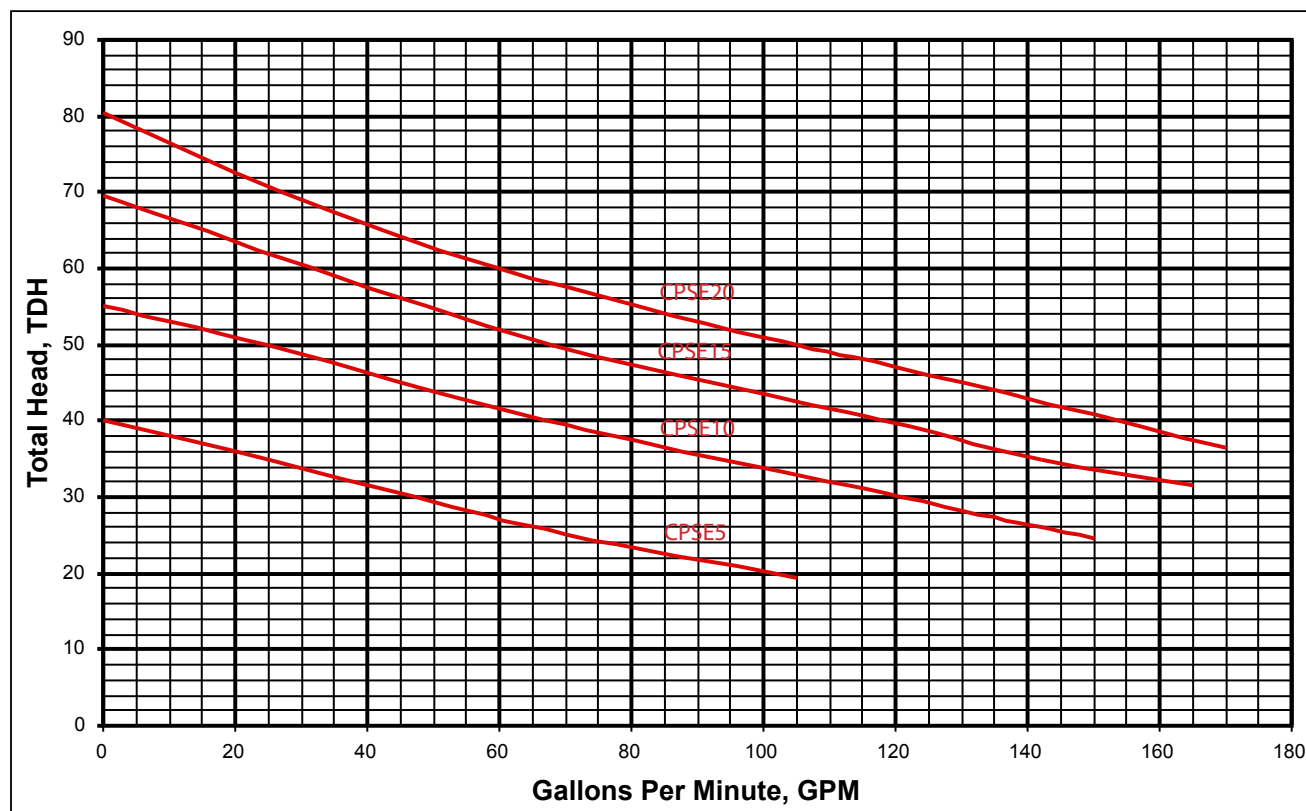
- Every Pump Is Performance Tested In Water
 - Ensures That The Pump Meets Head & Flow Requirements
- Optional Double Seal Design With Seal Failure
- Easy To Install
- Quick Delivery
- Complete Packages With Or Without Rail Systems

APPLICATIONS

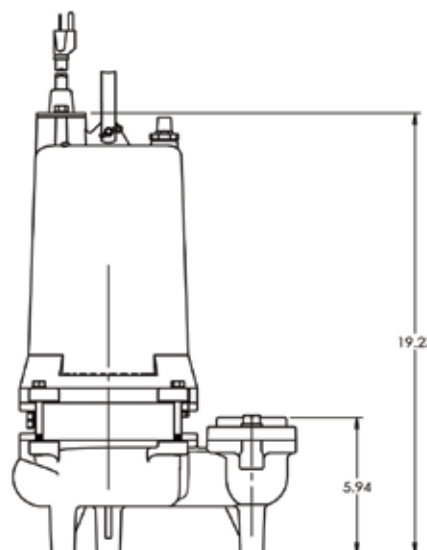
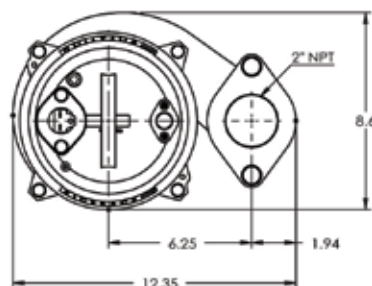
- Residential Developments, Wastewater Transfer, Hospitals, Motels, Apartments, Schools, Churches, Universities, Campgrounds, Office Complexes, Septic Systems



CHAMPION PUMP - PUMP PERFORMANCE CURVE



DISCHARGE	2" NPT. Vertical Standard, 3" (Optional)
SOLIDS HANDLING	2"
LIQUID TEMPERATURE	140 Degrees F. (Intermittent)
MOTOR HOUSING	Cast Iron
VOLUTE	Cast Iron
SEAL PLATE	Cast Iron
IMPELLER	Cast Iron
SHAFT	416 Stainless Steel
SHAFT SEAL (SINGLE SEAL)	Carbon – Ceramic/ Buna-N-Elastomer 300 Series Stainless Steel – Hardware
SHAFT SEAL (DOUBLE SEAL)	Tandem Double Mechanical Upper & Lower/ Carbon-Ceramic Buna-N-Elastomer 300 Series Stainless Steel - Hardware
BEARING (UPPER & LOWER)	Single Row, Ball, Oil Lubricated
HARDWARE	300 Series Stainless Steel
O-RINGS	Buna-N
CORD	20' Length Standard, Up to 50' Available UL/CSA (SJOW) 14/3 (.375 OD) Quick Disconnect Pin Terminals *UL/CSA (SO) CORD 14 Ga. (.60 OD)
MOTOR (SINGLE PHASE)	3450 RPM. 60 Hz Includes Overload Protection In The Motor. Oil Filled, Class F PSC Permanent Split Capacitor
OPTIONAL SEAL FAILURE	20' Length Standard UL/ CSA (SJTW) 16/3 (.3300D)



Model	HP	Volts	Phase	Amps	Cord Length	Switch	Wt.
CPSE512(A)	1/2	115	1	14.5	20	Manual (Automatic)	80
CPSE522(A)	1/2	230	1	7.2	20	Manual (Automatic)	80
CPSE532	1/2	230	3	5.3	20	Manual	80
*CPSE542	1/2	460	3	2.7	20	Manual	80
CPSE1022(A)	1	230	1	10.4	20	Manual (Automatic)	85
CPSE1032	1	230	3	7.6	20	Manual	85
*CPSE1042	1	460	3	3.8	20	Manual	85
CPSE1522(A)	1-1/2	230	1	13.3	20	Manual (Automatic)	85
CPSE1532	1-1/2	230	3	9.5	20	Manual	85
*CPSE1542	1-1/2	460	3	4.8	20	Manual	85
CPSE2022(A)	2	230	1	14.8	20	Manual (Automatic)	85
CPSE2032	2	230	3	11.0	20	Manual	85
*CPSE2042	2	460	3	5.5	20	Manual	85