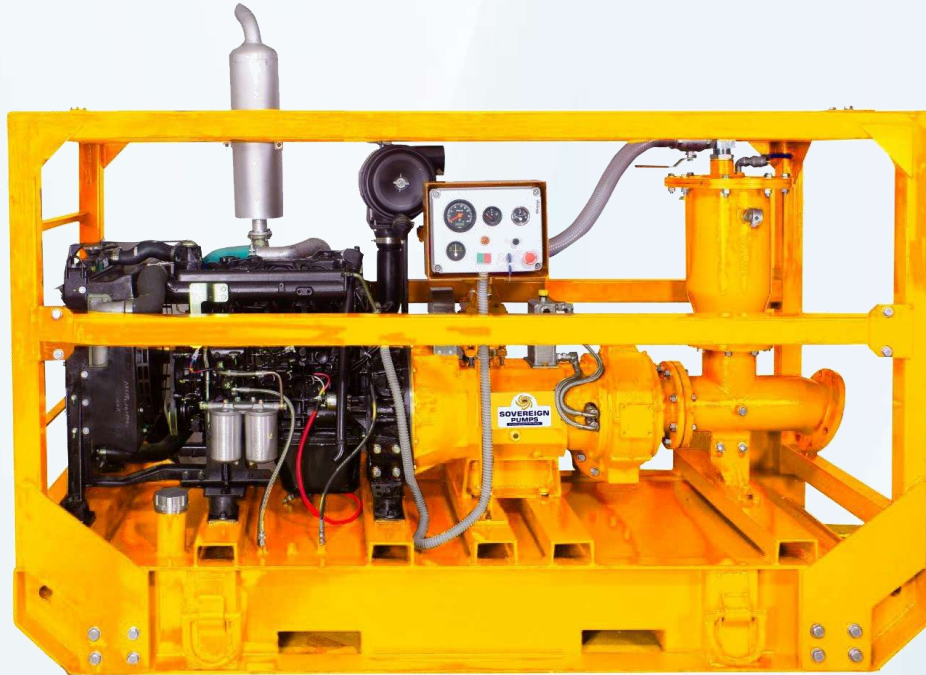


**DIESEL ENGINE DRIVEN PUMP  
EDP-DP-150 x 125 - 400 H  
(HIGH HEAD MEDIUM FLOW PUMP)**



**Standard MOC - Pump Section**

1. All Wet ends - SG 500/7
2. Impeller - SS316L
3. Shaft SS-431
4. Diaphragm Pump Single 50 CFM
5. For electrical Driven Galvanized Frame

**Options - MOC**

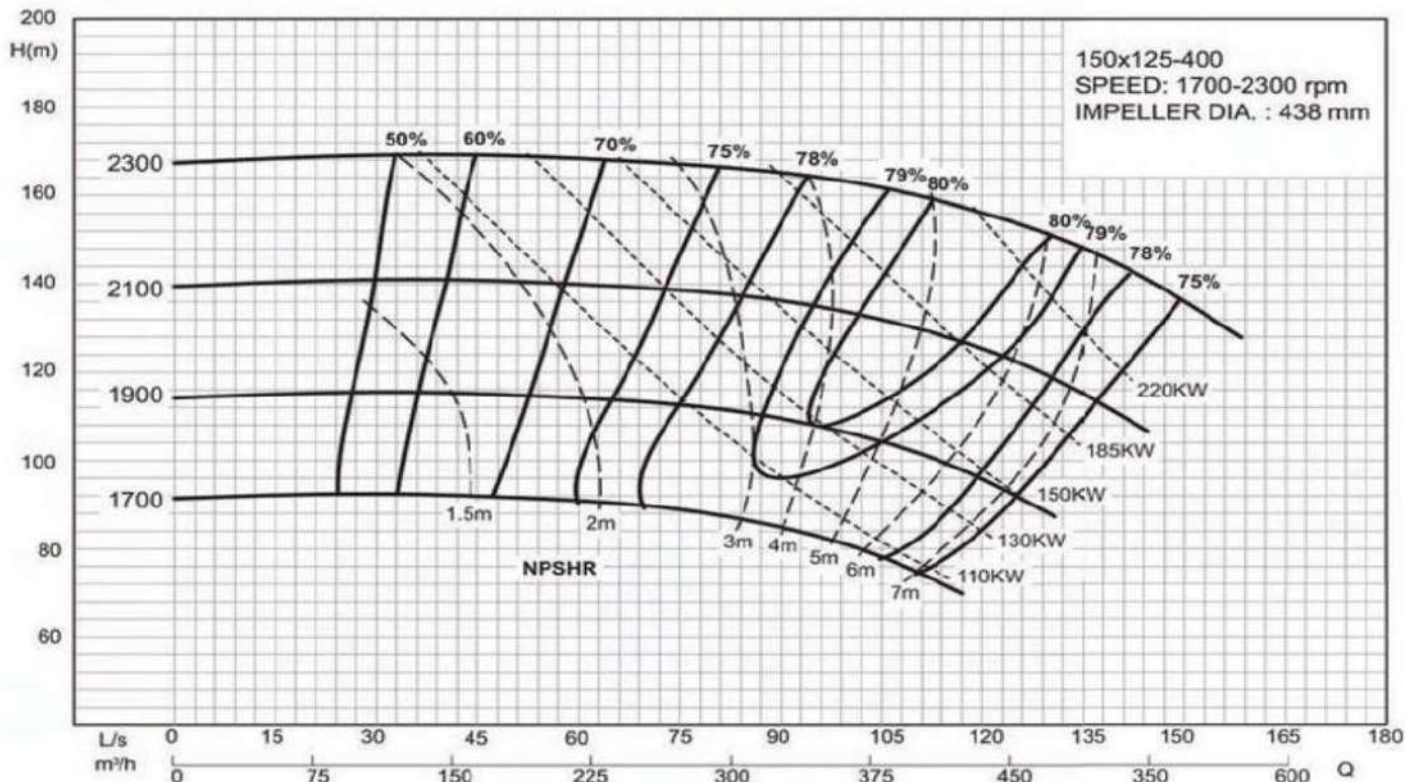
1. SS316L - All Wet ends
2. Duplex Steel - All Wet ends
3. Nickle - Aluminum - Bronze - All Wet ends for Sea Water Application
4. Skid - Road trailer - Site Trailer - Closed enclosure



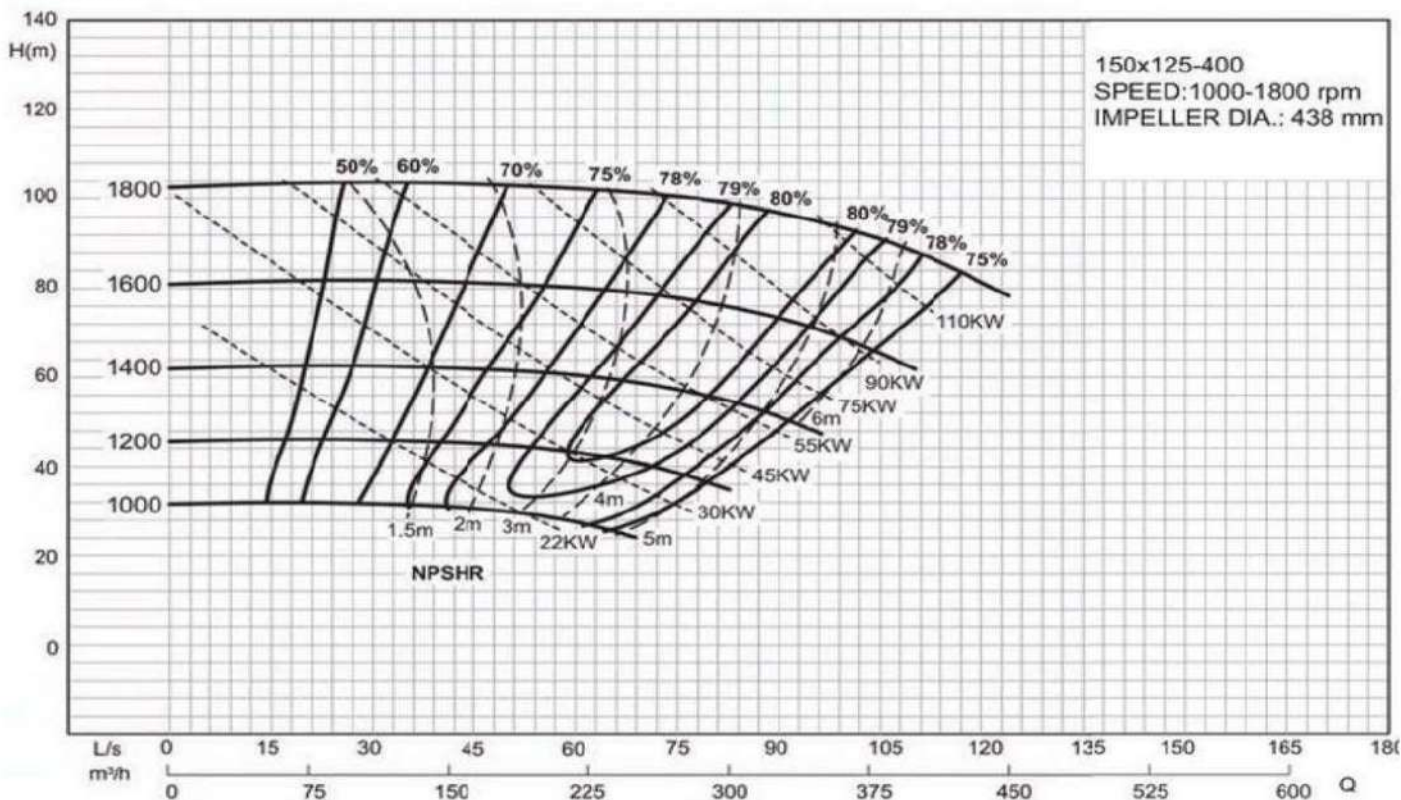
**DIESEL ENGINE DRIVEN PUMP**  
**EDP-DP-150 x 125 - 400 H**  
**(HIGH HEAD MEDIUM FLOW PUMP)**

**PERFORMANCE CURVE**

Variable speed - faster speeds:

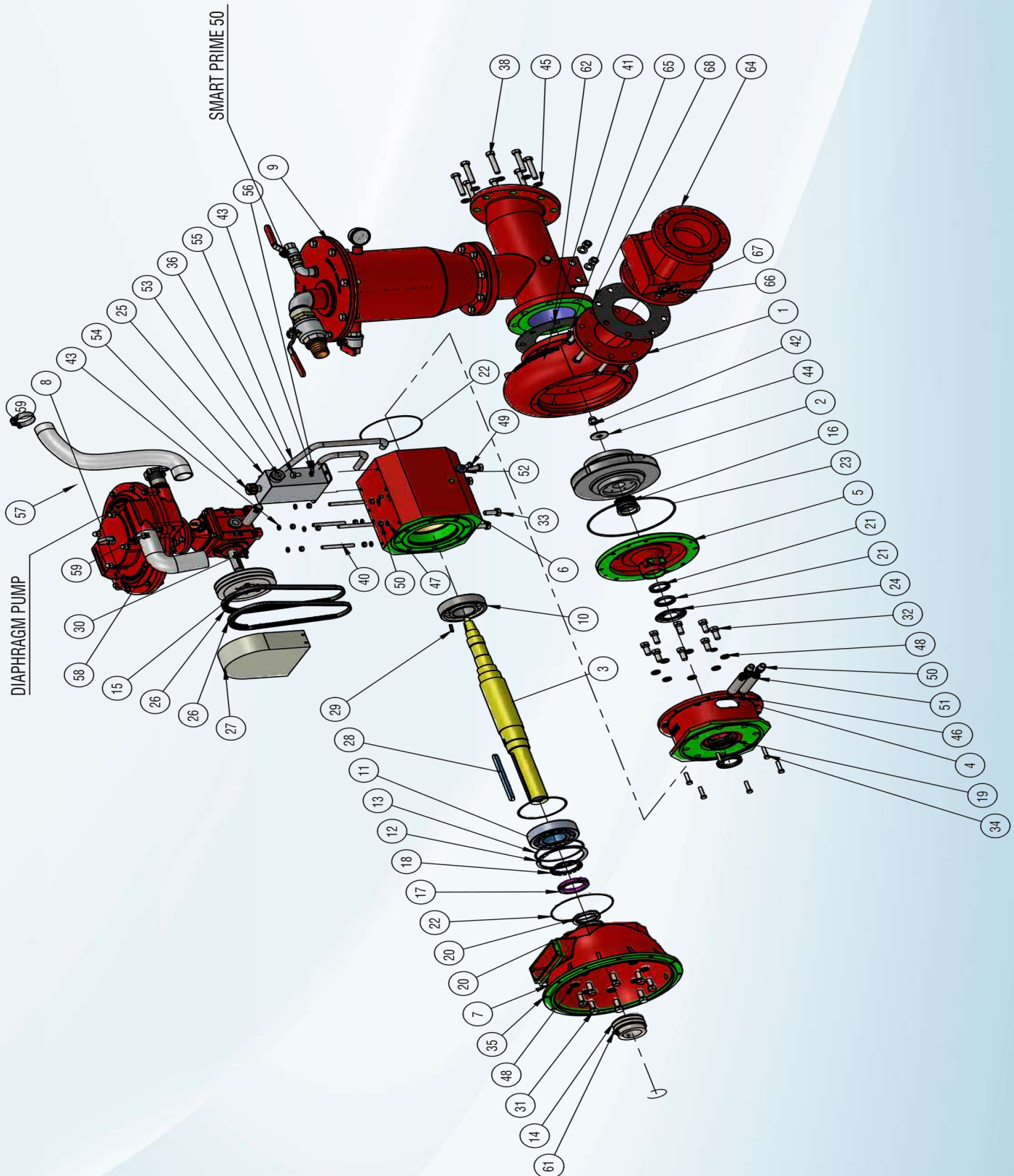


Variable speed - slower speeds:



## DIESEL ENGINE DRIVEN PUMP EDP-DP-150 x 125 - 400 H (HIGH HEAD MEDIUM FLOW PUMP)

### EXPLODED VIEW



## DIESEL ENGINE DRIVEN PUMP

### EDP-DP-150 x 125 - 400 H

### (HIGH HEAD MEDIUM FLOW PUMP)

## BILL OF MATERIAL

|    |                 |                                        |     |     |               |                             |    |
|----|-----------------|----------------------------------------|-----|-----|---------------|-----------------------------|----|
| 1  | 17              | Pump casing                            | QTY | 34  | BHH10X45-ZP   | HEX HEAD BOLTS M10X45       | 8  |
| 2  | 117             | Impeller                               | 1   | 35  | BHH10x25-ZP   | HEX HEADED BOLT M10x25      | 12 |
| 3  | 432             | Shaft 431 Stainless Steel              | 1   | 36  | BHH12x25-ZP   | HEX HEADED BOLT M12x25      | 2  |
| 4  | 46              | Bell Housing                           | 1   | 37  | BHH6x12-ZP    | HEX HEADED BOLT M6x12       | 4  |
| 5  | 57 DR           | Pump Back Plate                        | 1   | 38  | BHH16x75-ZP   | HEX HEADED BOLT M16x75      | 8  |
| 6  | 400             | Bearing Housing                        | 1   | 39  | BHH8x40-ZP    | HEX HEADED BOLT M8x30       | 3  |
| 7  | 420             | Bell Housing                           | 1   | 40  | ST-12X1.5X120 | STUD- ST12X1.5X120          | 4  |
| 8  | SMARTPRIME50    | Diaphragm (50cfm)                      | 1   | 41  | NUT M16       | NUT M16                     | 18 |
| 9  | PRIMETANK150    | Priming System (150mm)                 | 1   | 42  | DN16X2-304SS  | IMPELLER DOME NUT           | 1  |
| 10 | 6314            | Front Bearing                          | 1   | 43  | FW M12-ZP     | FLATE WASHER M12            | 4  |
| 11 | 21315-E1        | Rear Bearing                           | 1   | 44  | FW M16-304SS  | FLATE WASHER M16            | 1  |
| 12 | J160            | Circlip(Dia.167*4mm)                   | 1   | 45  | FW M16-ZP     | FLATE WASHER M16            | 12 |
| 13 | SHIM160         | OD159.5 x ID149.5 x 0.75 shims         | 2   | 46  | SW-10         | SPRING WHASER M10           | 11 |
| 14 | PULLEY-2A95-60  | Shaft Pulley                           | 1   | 47  | SW-12         | SPRING WHASER M12           | 6  |
| 15 | PULLEY-2A150-30 | Diaphragm Pulley                       | 1   | 48  | SW-16         | SPRING WHASER M16           | 20 |
| 16 | SEAL50          | 50mm Mechanical seal                   | 1   | 49  | P1/2-G        | DRAIN PLUG 1/2" BSP         | 1  |
| 17 | KM15            | Lock nut                               | 1   | 50  | N1/2-G        | OIL HOSE CONNECTOR 1/2" BSP | 2  |
| 18 | MB15A           | Lock washer                            | 1   | 51  | OHC1/2-G      | OIL HOSE EXTENSION 1/2" BSP | 2  |
| 19 | TC12628         | Front oil seal bearing-80*60*8         | 2   | 52  | SG3/4         | SIGHT GLASS 3/4" BSP        | 1  |
| 20 | TC12898         | Back oil seal bearing-88*70*8          | 2   | 53  | SG1           | SIGHT GLASS 1" BSP          | 1  |
| 21 | TC12595         | Oil seal dry run back plate*65*50*8    | 2   | 54  | BC1/2         | BREATHER CAP 1/2" BSP       | 1  |
| 22 | BS170           | O-RING FOR BEARING HOUSING-196.85*2.62 | 2   | 55  | E50-012       | OIL DISCHARGE HOSE-550      | 1  |
| 23 | BS379           | O-RING FOR pump casing-278.77*3.53     | 1   | 56  | E50-012       | OIL SUCTION HOSE-350        | 1  |
| 24 | SLINGER50       | 50mm ID Water slinger                  | 1   | 57  | AG202AA-050   | SUCTION HOSE-50mm*580MM     | 1  |
| 25 | OIL TANK-490    | OIL TANK                               | 1   | 58  | AG202AA-050   | DISCHARGE HOSE-50mm         | 1  |
| 26 | BELT-A37        | DIAPHRAGM CONNECTING BELT              | 1   | 59  | HC63-68-MS    | HOSE CLAMPS 50mm            | 3  |
| 27 | 480             | PRIMING TANK PULLEY GUARD              | 1   | 60  | NUT M12X1.5   | NUT M12X1.5                 | 12 |
| 28 | KS 18x11x190    | ENGINE SHAFT KEY-18x11x190             | 1   | 61  | GS10X12-B     | GRUB SCREW-M10X12           | 4  |
| 29 | KS 10*8*30      | IMPELLER KEY                           | 1   | 62  |               | KTR COUPLING                | 1  |
| 30 | KS 6.3x6.3x36   | DIAPHRAGMA PULLEY KEY- 6.3x6.3x36      | 1   | NRV |               |                             |    |
| 31 | BHH16x1.5x40-ZP | HEX HEADED BOLT M16x1.5x40             | 8   | 63  | NRV-125       | RUBBER FLAPPER CHECK VALVE  | 1  |
| 32 | BHH16x1.5x35-ZP | HEX HEADED BOLT M16x1.5x35             | 8   | 64  | BHH16x70-ZP   | HEX HEADED BOLT M16x70      | 8  |
| 33 | BHH16x1.5x30-ZP | HEX HEADED BOLT M16x1.5x30             | 4   | 65  | FW M16        | FLATE WASHER M16            | 8  |
|    |                 |                                        |     | 67  | N16-G         | HEX HEADED NUT N20          | 8  |
|    |                 |                                        |     | 68  | GASKET        | 5" GASKET                   | 1  |