



TAKING 'MAKE IN INDIA' FORWARD.



DESH KA PUMP SHAKTI PUMP

DIESEL PUMP - SET



FEATURES

- Powered by 4 - stroke diesel engine
- Cooling method - Water / Air cooled
- Direct / Indirect Injection
- Highly Efficient & Durable
- Strong & light weight
- Best in Performance - Deliver high discharge of water
- Portable - all model comes with 4 wheel trolley
- Guaranteed 6 meter suction head

APPLICATIONS:

- Industrial & Domestic
- Sprinkling for field Irrigation
- Irrigation of paddy field
- Pumping water from wells
- Feeding or draining water to/ from ponds or troughs
- Washing cattle, barns or agricultural tools
- Feeding or draining water in fish farms
- Feeding water into water reservoirs



TECHNICAL DATA :

S.NO	PARAMETERS	VALUES	VALUES	VALUES	VALUES	VALUES
1	ENGINE MODEL	SPDP426	SPDP526	SPDLW515	SPDLW522	SPD515
2	HP/kW	4/2.9	5/3.7	5/3.7	5/3.7	5/3.7
3	RPM	2600	2600	1500	2200	1500
4	BORE X STROKE	70X70	75X75	87.5 X 80	76x76	80 X 110
5	SFC (g/kW.h)	272	272	230	265	250
6	MODEL TYPE	IDI/BALL BRG/ALP/CBW	IDI/BALL BRG/ALP	DI/TRB/ALP/LOP	DI/TRB/ALP/LOP	DI,TRB,LOP,ALP,CBW
7	FUEL TANK CAPACITY (Ltr)	4	4	6.5	6.5	10
8	COMPRESSION RATIO	20:01	20:01	16.7:1	18:01	16.5:1
9	CUBIC CAPACITY (CC)	269	331	481	345	553
10	METHOD OF COOLING	AC	AC	WC	WC	WC
11	METHOD OF START	BY STARTING HANDLE	BY STARTING HANDLE	BY STARTING HANDLE	BY STARTING HANDLE	BY STARTING HANDLE
12	ENGINE ROTATION	COUNTER CLOCKWISE	COUNTER CLOCKWISE	CLOCK WISE	CLOCK WISE	CLOCK WISE
13	GOVERNOR TYPE / CLASS	MECHANICAL, CENTRIFUGAL TYPE / CLASS B1	MECHANICAL, CENTRIFUGAL TYPE / CLASS B1	MECHANICAL, CENTRIFUGAL TYPE / CLASS B1	MECHANICAL, CENTRIFUGAL TYPE / CLASS B1	MECHANICAL, CENTRIFUGAL TYPE / CLASS B1
14	FUEL OIL	HSD	HSD	HSD	HSD	HSD
15	FUEL INJECTION TIMING BY SPILL	22°±2° BTDC	22°±2° BTDC	27°±1° BTDC	24° TO 30° BTDC	24° TO 31° BTDC
16	INJECTION RELEASE PRESSURE	140 - 150 Kg/cm ²	140 - 150 Kg/cm ²	190 - 210 Kg/cm ²	200 - 210 Kg/cm ²	185 - 210 Kg/cm ²
17	FUEL FILTER TYPE	PAPER ELEMENT TYPE	PAPER ELEMENT TYPE	PAPER ELEMENT TYPE	PAPER ELEMENT TYPE	PAPER ELEMENT TYPE
18	VALVE TAPPET CLEARANCE	0.1-0.2	0.1-0.2	AIR VALVE 0.15 MM AND EXHAUST VALVE 0.25 MM	AIR VALVE 0.20MM AND EXHAUST VALVE 0.25 MM	AIR VALVE 0.15 MM AND EXHAUST VALVE 0.20 MM
19	AIR CLEANER	DRY TYPE	DRY TYPE	AIRCLEANER - OIL BATH WASHABLE TYPE / EXHAUST SILENCER - PAPER POT TYPE	AIRCLEANER - OIL BATH WASHABLE TYPE / EXHAUST SILENCER - PAPER POT TYPE	AIRCLEANER - OIL BATH WASHABLE TYPE / EXHAUST SILENCER - PAPER POT TYPE
20	LUBRICATION SYSTEM	CENTIFUGAL LUBRICATION,COMBINED OILMIST AND SPLASH	CENTIFUGAL LUBRICATION,COMBINED OILMIST AND SPLASH	FORCE FEED LUBRICATION (PLUNGER TYPE PUMP)	FORCE FEED LUBRICATION (PLUNGER TYPE PUMP)	FORCE FEED LUBRICATION (PLUNGER TYPE PUMP)
21	LUB OIL TYPE	SAE 30/40	SAE 30/40	SAE 30/40	SAE 30/40	SAE 30/40
22	LUBRICATION OIL SUMP (Ltr)	1.2	1.2	1.3	1.3	3.25
23	NET WEIGHT OF ENGINE	45	50	90	85	140
24	PUMP MODEL	STCM426	STCM526	STDCVLW515	STDCVLW522	STDCV515
25	PUMP SIZE (MM)	80 X 65	80 X 65	80x65	80x65	80x65
26	PUMP TYPE	CENTRIFUGAL PUMP	CENTRIFUGAL PUMP	CENTRIFUGAL PUMP	CENTRIFUGAL PUMP	CENTRIFUGAL PUMP
27	HEAD RANGE(M)	12-17.5	12-17.5	12.8-17.6	14-22	12.8-17.6
28	DUTY HEAD (M)	15	15	16	19	16
29	DUTY DISCHARGE (LPM)	840	840	840	720	840
30	EFFICIENCY %	70	70	79	70	79
31	TYPE OF SEAL	GLAND	GLAND	GLAND	GLAND	GLAND



SHAKTI PUMPS (I) LTD.

Sector - 3, Pithampur - 454774, Dist. - Dhar (M.P.) - INDIA
 Tel.: +91-7292 410500 Fax: +91-7292-410519,
 E-mail: info@shaktipumps.com, sales@shaktipumps.com
 Web: www.shaktipumps.com
Toll Free Number: 1800 103 5555

Authorised Dealer / Distributor :