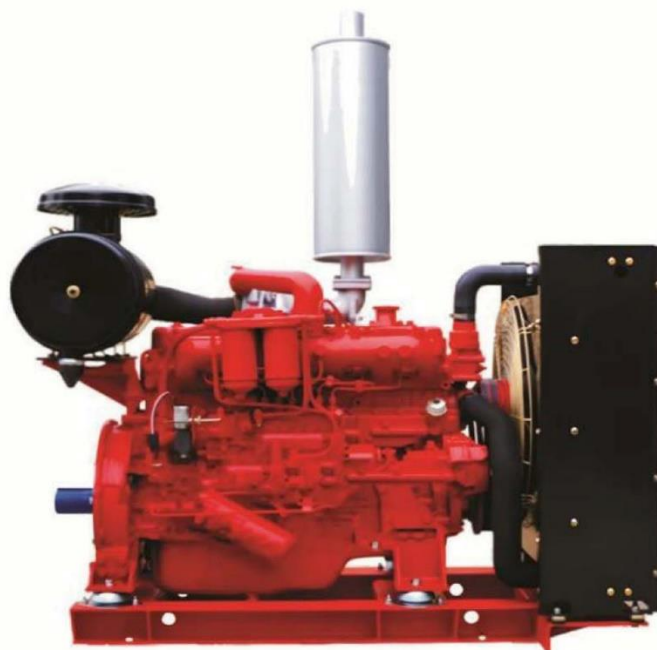


PD

Diesel engine for pump

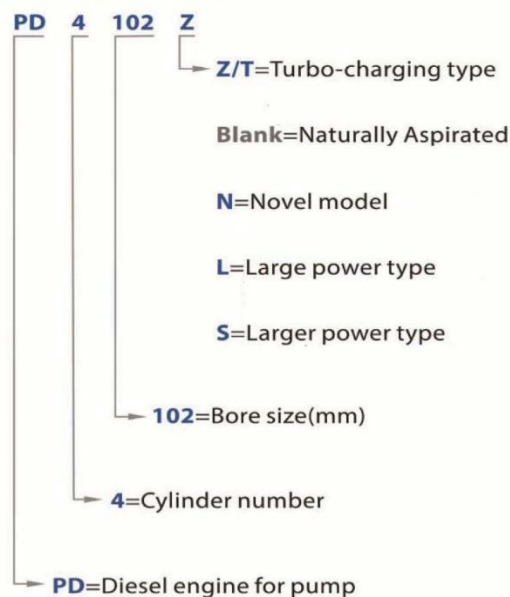


NEW DESCRIPTION

- ♦ Air-cooled 1-cylinder in-line naturally aspirated engines
- ♦ Water-cooling 3-to 6-cylinder naturally and turbo engines
- ♦ Advanced direct injection and combustion system
- ♦ Extremely compact dimensions, easy to assemble
- ♦ Noise-optimized technology, stronger power
- ♦ Low fuel consumption, environmental protective

MODEL CODE

For example





PD Diesel Engine for Pumps



PSD Centrifugal Pump Coupled with Diesel Engine

TECHNICAL DESCRIPTION

- ※ More Environmentally Friendly
- ※ Strong Power
- ※ Low Fuel Consumption

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

USING LIMITS

Liquid temperature between **-10°C** and **+120°C**
Ambient temperature up to **+50°C**
Max. working pressure **16 bar**
Continuous service **S1**



Model	178	186	188	192	380	385	480	485	490N	490	495	498	4102	4105	4108
Type	4 strokes,Air cooling				Direct Injection,4 strokes, Water-cooling										
Intake Type	Naturally Aspirated														
Bore*Stroke(mm)	78*62	86*72	88*75	92*75	80*90	85*90	80*90	85*100	90*100	90*105	95*105	98*105	102*118	105*118	108*118
Cylinder No.	1	1	1	1	3	3	4	4	4	4	4	4	4	4	4
Displacement	0.296L	0.418L	0.456L	0.499L	1.357L	1.532L	1.8L	2.27L	2.54L	2.67L	2.977L	3.168L	3.857L	4.087L	4.324L
r/min	3000 3600	3000 3600	3000 3600	3000 3600	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Rated kW	3.7kW 4.0kW	5.7kW 6.3kW	6.6kW 7.2kW	7.5kW 8.2kW	20kW	24kW	28kW	36kW	42kW	45kW	50kW	55kW	62kW	67kW	73kW
Rated HP	5.0HP 5.5HP	7.8HP 8.6HP	9HP 10HP	10.2HP 12HP	27HP	32HP	38HP	49HP	58HP	61HP	68HP	75HP	85HP	91HP	99HP
Fuel Consumption(q/kw.h)	280.3 282.5	273.5 285.7	273.5 285.7	275 281	228	228	215	228	228	228	228	228	228	238	238
Start Voltage	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	24V	24V
Speed regulation type	Mechanical														
Including	Radiator, Fan, Starter, charge alternator, Air filter, Muffler, Stop Solenoid, PTO shaft, Fuel Tank, Meter Panel														

Model	485Z	490NZ	498Z	4102Z	4105Z	4108Z	490T	4108T	4108TL	6102NT	6102T	6102TL	6126T	6126TL	6126TS
Type	Direct Injection,4 strokes, Water-cooling														
Intake Type	Turbo-charging									Naturally	Turbo-charging				
Bore*Stroke(mm)	85*100	90*100	98*105	102*118	105*118	108*118	90*102	108*125	108*125	102*118	102*118	102*118	126*130	126*130	126*155
Cylinder No.	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6
Displacement	2.27L	2.54L	3.168L	3.857L	4.087L	4.324L	2.6L	3.8L	3.8L	5.78L	5.78L	5.78L	9.726L	9.726L	9.726L
r/min	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Rated kW	44KW	50KW	60KW	73KW	75KW	83KW	55KW	75KW	90KW	110KW	125KW	165KW	200KW	250KW	300KW
Rated HP	60HP	68HP	81HP	99HP	102HP	113HP	75HP	100HP	125HP	150HP	170HP	225HP	270HP	340HP	410HP
Fuel Consumption(g/kw.h)	228	228	228	238	238	238	228	218	218	229	229	229	250	250	250
Start Voltage	12V	12V	12V	24V	24V	24V	12V	24V	24V	24V	24V	24V	24V	24V	24V
Speed regulation type	Mechanical												Electronic		
Including	Radiator, Fan, Starter, charge alternator, Air filter, Muffler, Stop Solenoid, PTO shaft, Fuel Tank, Meter Panel														

