



PB1 50 - PB1 60 - PB1 85



DIESEL

**PB1 50****PB1 60****PB1 85**

| FEATURES | PB1 50 | PB1 60 | PB1 85 |
|--------------------------------------|--|----------------|----------------|
| Voltage DC [V] | 12 - 24 | 12 - 24 | 12 - 24 |
| Current max [A] | 18 - 9 | 26 - 17 | 40 - 32 |
| Power [W] | 216 - 216 | 312 - 408 | 480 - 768 |
| Fuse [A] | 30 - 15 | 40 - 40 | 40 - 40 |
| Motor protection | IP55 | IP55 | IP55 |
| On/Off Switch | Yes | Yes | Yes |
| Cable [m] | 4 | 4 | 4 |
| Duty Cycle [min] | S2 30 | S2 30 | S2 30 |
| Nominal Flow Rate [l/min / GPM] | 50 / 13,20 | 60 / 15,85 | 85 / 22,45 |
| Max Pressure [bar / psi] | 1,6 / 23,2 | 2 / 29 | 2,4 / 35 |
| Dry Suction height [m]: | 2 | 2 | 2 |
| Internal By-Pass | Yes | Yes | Yes |
| Inlet [BSP/G] | 1" F | 1" F | 1" F |
| Outlet [BSP/G] | 1" F | 1" F | 1" F |
| Pump body material | Cast Iron | Cast Iron | Cast Iron |
| Impeller material | Sintered Steel | Sintered Steel | Sintered Steel |
| Vanes material | POM | POM | POM |
| Ring material | HNBR | HNBR | HNBR |
| Gasket material | NBR | NBR | NBR |
| Internal filter | Yes | Yes | Yes |
| Motor support | Yes | Yes | Yes |
| Handle | Yes | Yes | Yes |
| Min/Max Temperature [°C] | -20/+50 | -20/+50 | -20/+50 |
| Max fluid viscosity [cSt] (a 40 °C): | 2 ÷ 5 | 2 ÷ 5 | 2 ÷ 5 |
| Allowed fluids | diesel | diesel | diesel |
| Forbidden fluids | gas, alcool, water, gasoline, kerosene | | |
| Loudness at less 1 meter [dB] | 70 - < 75 | 70 - < 75 | 70 - < 75 |
| Net weight [kg] | 4.8 | 9.8 | 9 |
| Gross weight [kg] | 5.2 | 10.4 | 10 |



PB 50 - PB 60 - PB 85



DIESEL

PB 50



PB 60



PB 85



| FEATURES | PB 45 | PB 60 | PB 85 |
|--------------------------------------|--|----------------|----------------|
| Voltage DC [V] | 12 - 24 | 12 - 24 | 12 - 24 |
| Current max [A] | 18 - 9 | 26 - 17 | 40 - 32 |
| Power [W] | 216 - 216 | 312 - 408 | 480 - 768 |
| Fuse [A] | no | no | no |
| Motor protection | IP55 | IP55 | IP55 |
| On/Off Switch | no | no | no |
| Cable [m] | no | no | no |
| Duty Cycle [min] | S2 30 | S2 30 | S2 30 |
| Nominal Flow Rate [l/min / GPM] | 50 / 13,20 | 60 / 15,85 | 85 / 22,45 |
| Max Pressure [bar / psi] | 1.2 / 17,5 | 2 / 29 | 2.4 / 35 |
| Dry Suction height [m]: | 2 | 2 | 2 |
| Internal By-Pass | Yes | Yes | Yes |
| Inlet [BSP/G] | 1" F | 1" F | 1" F |
| Outlet [BSP/G] | 1" F | 1" F | 1" F |
| Pump body material | Cast Iron | Cast Iron | Cast Iron |
| Impeller material | Sintered Steel | Sintered Steel | Sintered Steel |
| Vanes material | POM | POM | POM |
| Ring material | HNBR | HNBR | HNBR |
| Gasket material | NBR | NBR | NBR |
| Internal filter | Yes | Yes | Yes |
| Motor support | Yes | Yes | Yes |
| Handle | no | no | no |
| Temperatura min/max [°C] | -20/+50 | -20/+50 | -20/+50 |
| Max fluid viscosity [cSt] (a 40 °C): | 2 ÷ 5 | 2 ÷ 5 | 2 ÷ 5 |
| Allowed fluids | diesel | diesel | diesel |
| Forbidden fluids | gas, alcool, water, gasoline, kerosene | | |
| Loudness at less 1 meter [dB] | 70 - < 75 | 70 - < 75 | 70 - < 75 |
| Net weight[kg] | 4.3 | 7.7 | 7.7 |
| Gross weight [kg] | 4.7 | 8.2 | 8.2 |