



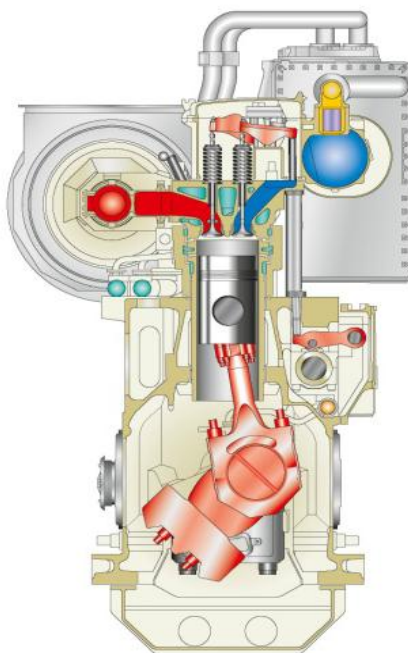
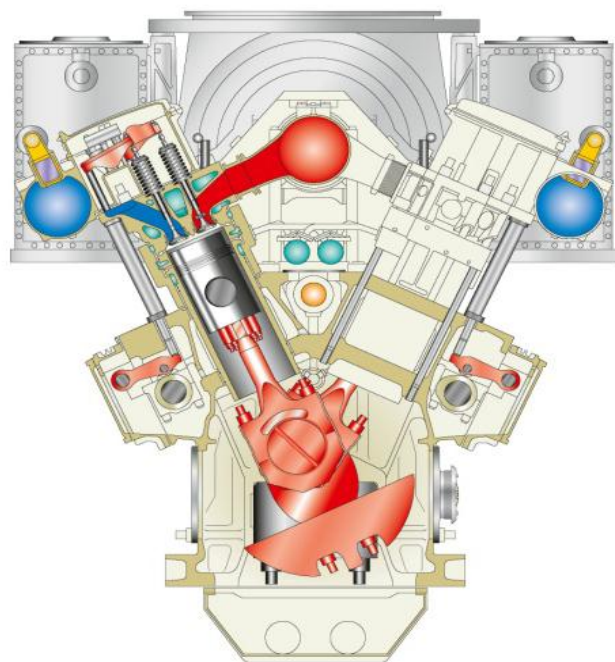
MAN 32/40 - Dual Fuel

**Technical features**

**Advantages**

- Combination of unit type, container type and factory type
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- High voltage or low voltage type
- Water cooling or air cooling
- Full auto-control design, advanced combustion technology
- Real time remote computer monitor and control technology
- Fully automatic operation and synchronization technology
- Security protection Intelligent integration, automatic faults detection technology
- Unit auxiliary block modular technology
- Specialized silencing, fire prevention, explosion-proof, cutting technology
- High capacity start technology

- Kinds of configuration
- Wide application field
- Reliable operation
- Good economic efficiency
- Low emission
- Stable start
- Automatic control, easy to operate
- Safety
- High reliability (40000hours)
- Long life(30 years)



Engine Series	MAN 32/40 DF Series							
Model	4 Stoke - direct injection – Supercharger intermediate cooler							
Engine Type	6L 32/40	7L 32/40	8L 32/40	9L 32/40	12L 32/40	14L 32/40	16L 32/40	18L 32/40
cylinders Arrangement	L Type				V Type			
No. of cylinders	6	7	8	9	12	14	16	18
cylinders Bore/Stroke	320 / 400							
Nominal speed	720 / 750							
Speed range	250 / 800							
Generator type	Options :400V, 6.3kV、 10.5kV Or according to customer requirement							
Shaft power ( KW )	2400	2800	3200	3600	4800	5600	6400	7200
Nominal power ( KW )	2328	2716	3104	3492	4656	5432	6208	6984
Rotary Direction	CW (OR CCW)							
Fuel type	gas + diesel ( dual fuel )							
Electrical efficiency %	45%							
Power generation per 1Nm3 (kW.h)	Fuel with 1Nm3 gas+9g diesel can generate 4 kWh							
External Dimensions	8955 X 2630 X 4010	9725 X 2630 X 4010	10395 X 2715 X 4490	11155 X 2715 X 4490	10690 X 3370 X 4795	11320 X 3370 X 4795	12120 X 3500 X 5240	12750 X 3730 X 5240
Net Weight ( Kg )	59000	67000	73000	80000	98000	112000	131000	139000

Consumption				
P	100%			
Specific fuel oil consumption*	8,284 kJ/kWh <sub>m</sub> / 8,540 kJ/kWh <sub>e</sub>			
Heat Rate** (WB 2007/2008)	8,100 kJ/kWh <sub>m</sub> / 8,351 kJ/kWh <sub>e</sub>			
Lube oil consumption				
Cyl. No.	12	14	16	18
kg/h	3.6	4.2	4.8	5.4

\* Diesel fuel operation. \*\* Gas operation (including pilot fuel).

Consumption				
P	100%			
Specific fuel oil consumption*	8,326 kJ/kWh <sub>m</sub> / 8,584 kJ/kWh <sub>e</sub>			
Heat Rate** (WB 2007/2008)	8,210 kJ/kWh <sub>m</sub> / 8,464 kJ/kWh <sub>e</sub>			
Lube oil consumption				
Cyl. No.	6	7	8	9
kg/h	1.8	2.1	2.4	2.7

\* Diesel fuel operation. \*\* Gas operation (including pilot fuel).