

Diesel Engine Firefighting Pump

This single-stage centrifugal pump is close-coupled with an air-cooled diesel engine, featuring both electric and recoil starting options. The pump casing includes axial suction and radial delivery on top.



Product Overview

High-Performance Firefighting Solution

This single-stage centrifugal pump is engineered for reliable water delivery in critical applications. It features a close-coupled design with an air-cooled diesel engine, offering both electric and recoil starting options for versatility. Built for durability and consistent performance, it is an ideal choice for fire suppression, irrigation, and demanding water transfer tasks.

Operating Limitations

Max Ambient Temperature	40
Max Fluid Temperature	40
Max Pressure	10 bar

Construction Features

Protection Class	IP44 • IP54
Pump Body	Cast Iron
Impeller	Brass
Shaft	Steel
Mechanical Seal	Ceramic steatite/metalized carbon
Duty	Continuously rated

Performance Data

Specification Data

Model	Engine model	Engine power	HEAD (METER)									
			6	12	18	24	30	37	43	48	55	61
			FLOW (L/MIN)									
FF-40	170	4.8HP	430	387	351	297	247	189	126			
FF-60	178	7HP	465	432	405	373	335	300	254	198	135	67

Performance specifications detailing flow rates at different head pressures for FF-40 and FF-60 models.

Flow Rate vs Head

Model	Engine Power	Head 6m (L/min)	Head 12m (L/min)	Head 18m (L/min)	Head 24m (L/min)	Head 30m (L/min)	Head 37m (L/min)	Head 43m (L/min)
FF-40	4.8HP	430	387	351	297	247	189	126
FF-60	7HP	465	432	405	373	335	300	254