



**AIR-COOLED
DIESEL ENGINES**

TE40 HIGH PRESSURE FIRE FIGHTING & TRANSFER PUMPS

→ **Structure**

- Close-coupled, single impeller, centrifugal pump, electric starting diesel engine with extended shaft directly connected to the pump
- Pump casing with axial suction and radial delivery on top

→ **Connection**

- Model TE40-F210E: Screw / Flange
- Model TE60-F300E: Screw / Flange

→ **Operation Condition**

- Liquid temperature up to 90°C
- Total suction lift up to 5 metre
- Maximum working pressure up to 10 bar

→ **Specification Data**

Model	Power hp	Speed rpm	Discharge Head in Feet & Metre										
			H(ft)	20	40	60	80	100	120	140	160	180	200
			H(m)	6	12	16	24	30	37	43	48	55	61
Capacity in Gallon/Minute & Litre/Minute at or near sea level													
TE40-F240E	5.2	3000	Q(Gal/min)	95	86	78	66	55	42	28			
			Q(L/min)	430	387	351	297	247	189	126			
TE60-F300E	6.7	3000	Q(Gal/min)	103	96	90	83	74	66	56	44	30	15
			Q(L/min)	465	432	405	373	335	300	254	198	135	67

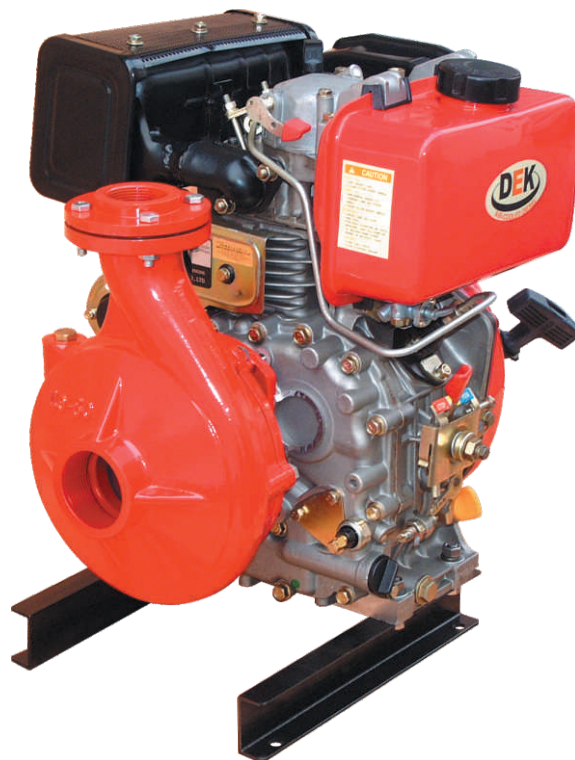
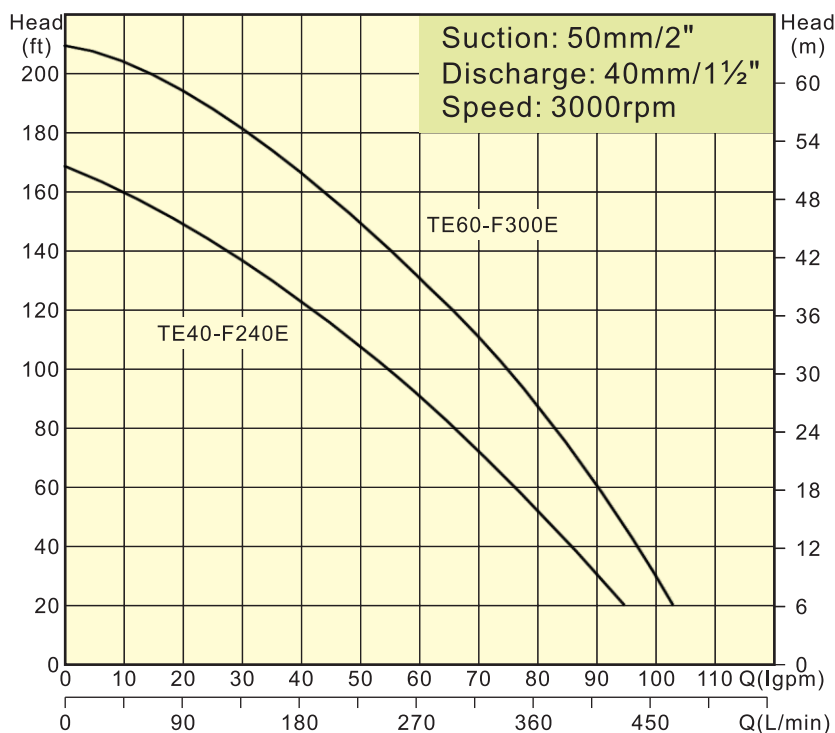
→ **Application**

- For clean liquids without abrasions which are non-aggressive for the pump materials
- For water supply
- For fire fighting
- For irrigation

→ **Material**

- Parts:
 - Casing-----Cast Iron
 - Impeller-----Bronze
 - Stuffing Box---Mechanical Seal
- Rotation-----Clockwise looking on shaft end

Performance Curve



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