

CLARKE UK, LTD.

Diesel Fire Pump Drivers Heat Exchanger Cooled Power Ratings and Models – Summary UK Purchased APSAD Approved

ApSad (AP) - Gross Power Ratings Heat Exchanger Cooled Engines										
HEAT EXCHANGER COOLED MODEL	Certified Speed (RPM) & Power Rating (kW/BHP)									
	1470	1760	1800	2000	2100	2200	2350	2400	2600	2800
JU4H-AP50	65	90	92	102	107	106	104	104	104	
	87	121	123	137	143	142	140	140	140	
JU4H-AP54							100	103	114	119
							134	137.5	153	159.5
JU6H-AP30	77	114	115	117	131	131	131	131	131	
	103	153	154	157	176	176	176	176	176	
JU6H-AP34							131	134	131	131
							176	180	176	176
JU6H-AP50	113	150	152	166	172	172	172	172	172	
	152	200	204	222	226	231	231	231	231	
JU6H-AP54							172	173	177.5	177.5
							231	232	238	238
JU6H-AP60	144	164	168	187	197	197	197	197	197	
	192.5	220	225	251	264	264	264	264	264	
JU6H-AP84							199	197	203	212.5
							267	264	272	285
JW6H-AP30		217	218	223	225	225	225			
		291	292	299	302	302	302			
JW6H-AP40		238	239	244	246	246	246			
		319	320	327	330	330	330			
JW6H-AP50		246	250	269	279	282	287			
		330	335	361	374	378	385			
JW6H-AP60		295	297	304	308	303	295			
		396	398	408	412.5	406	396			

Gross A 20% deduction, from the above charts, must be made to determine maximum allowable power available for maximum fire pump load. **(Gross power ÷ 1.2 = Net Power)**
 A 10% deduction in speed must be made to determine maximum pump rpm for a given engine model **(Gross RPM ÷ 1.1 = Net Maximum RPM)**
Caution: JU6H-AP34 and 54 engines cannot be used between 2650 and 2750 rpm.
 All engines will be provided with a nameplate indicating the Gross and the Maximum Allowed Pump Load power ratings.
 All above engines and ratings are for Emergency Stand-by Fire Protection application use only.
 Additional de-rate for operating ambient temperature and elevation required

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