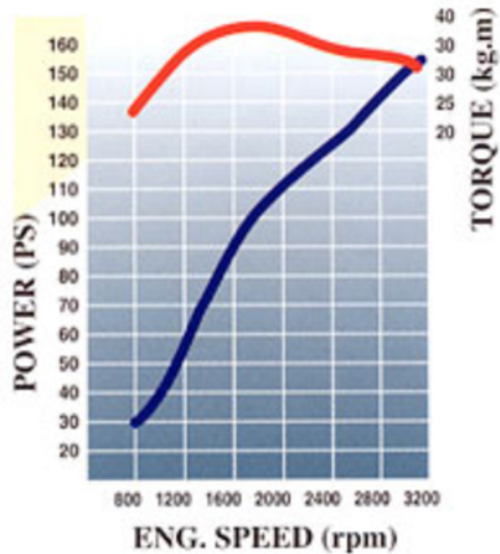
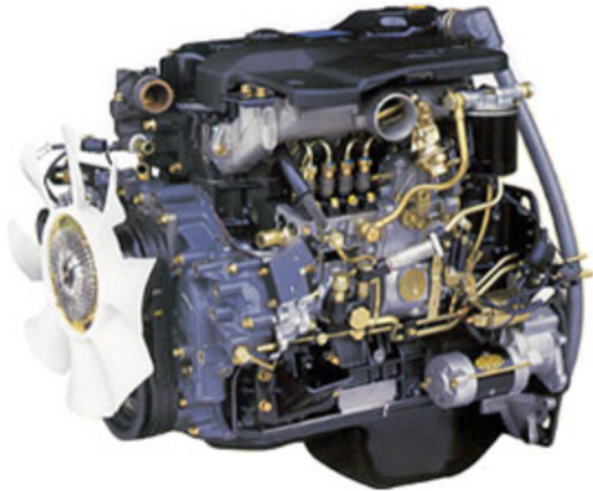


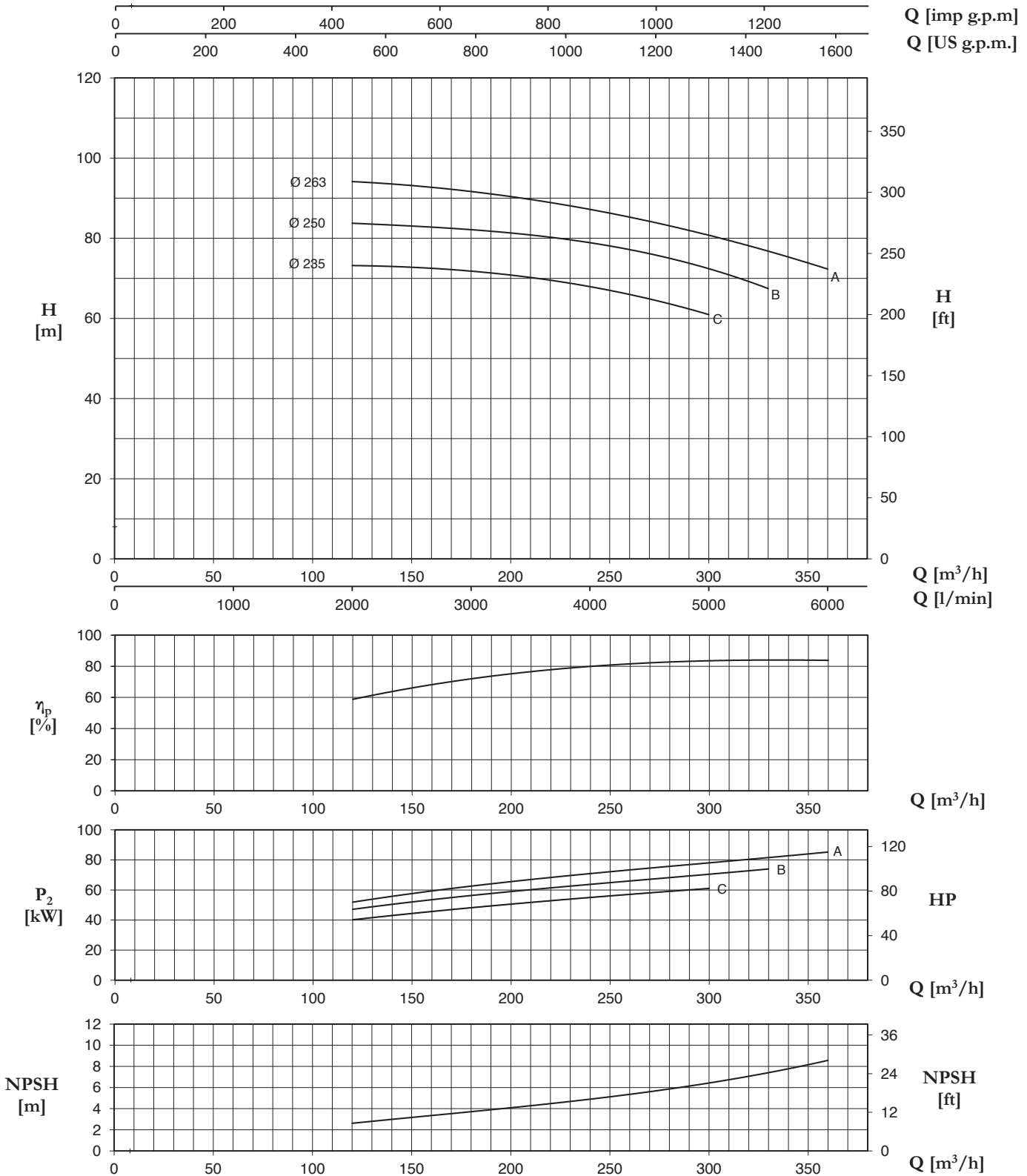


DIESEL FOR WATER PUMP



MODEL	D4DB (97KW/130PS/2,900RPM)		
DISPLACEMENT (cc)	3,907		
BORE x STROKE (mm)	104 x 105		
MAX. POWER (PS/rpm)	130 / 2,900		
MAX. TORQUE (kg.m/rpm)	37 / 1,600		
DIMENSION (mm)	LENTH(BUS/TRK)	845	815
	WIDTH (BUS/TRK)	695	695
	HEIGHT (BUS/TRK)	765.5	765.5
WIEGHT(kg)	DRY (BUS/TRK)	350	350
	WET (BUS/TRK)	365	365
CYCLE	4		
COOLING TYPE	WATER COOLING		
CUMBUSTION TYPE	DI		
NO. OF CYLINDER	4 IN LINE		
FIRING ORDER	1 - 3 - 4 - 2		
COMPRESSION RATIO	18		
INJECTION TIMIG(BTDC)	7 °		
ASPIRATION	TURBO CHARGER INTERCOOLER		
INJECTION PUMP TYPE	NB		
GOVERNOR TYPE	ALL SPEED		
C/CASE	CYL PITCH	120	
	H + h(mm)	304 + 75	
	CYL. LINER	DRY	
IDLE RPM	LOW(BUS/TRK)	650 ± 25	
	HIGH	3,200	
ALTERNATOR(V-A)	BUS	24 - 70	
	TRK	24 - 40	
START MOTOR(V-kW)	24 - 3.2		
LUB. OIL(API)	CD		

100-250



TYPE	Nominal Power (kW)	Motor Size	Q (m³/h - l/min)														
			0	120	132	144	156	168	180	195	210	225	240	270	300	330	360
			0	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000	4500	5000	5500	6000
H (m) / pump input power (kW)																	
100-250 C	55	250M	71,9	73,2	73,1	72,9	72,6	72,2	71,8	71,1	70,3	69,3	67,9	64,7	61,0		
	75	280S	24,75	40,12	41,93	43,70	45,32	46,77	48,15	49,89	51,65	53,38	55,05	58,19	60,99		
100-250 B	75	280S	83,6	83,7	83,5	83,2	82,9	82,5	82,1	81,4	80,8	80,0	79,0	76,4	72,0	67,6	
			29,69	47,10	49,07	51,01	52,89	54,76	56,55	58,55	60,25	61,86	63,51	66,93	70,90	73,78	
100-250 A	90	280M	93,5	93,9	93,7	93,4	92,9	92,4	91,8	90,9	89,9	88,8	87,4	84,0	80,4	75,8	73,2
			32,72	51,98	54,16	56,31	58,43	60,59	62,70	65,02	66,97	68,83	70,82	74,73	78,16	81,33	85,53