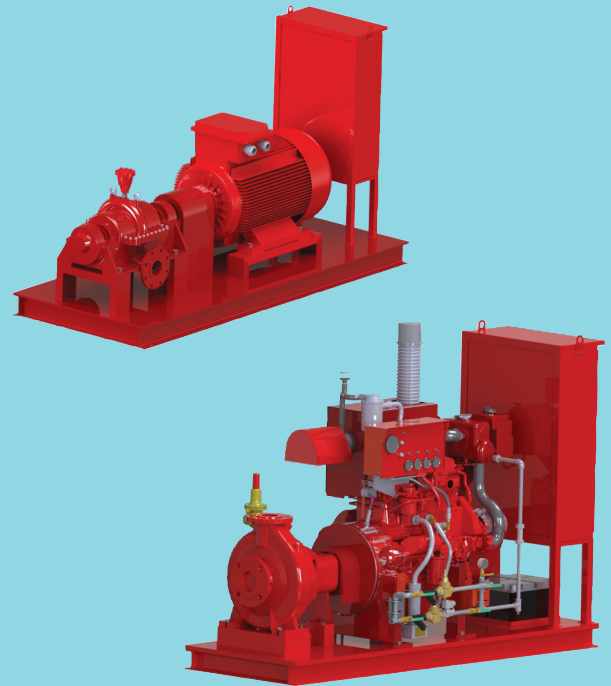


EBITT – UL+FM

Approved Fire Pump Sets



Construction

The fire pump sets are being mounted and aligned with electric motor, and/or diesel engine on a common base plate. The fire pump package includes all pump fittings such as manometers, casing relief valve, and automatic air release valve (for split-case models) to be supplied with approved electric and/or diesel fire pump controller.

Our fire pump sets are being delivered as a package to be operated as for Plug&Run type.

Pumps

Ebit UL approved fire pumps are ideally developed and produced either for small flows or high flows through well-designed compact packages. Ebit-N series-End-Suction Fire pumps have back pull out design for easy maintenance, self-venting center line discharge, and low NPSH requirements. The pump construction is ductile iron body, bronze fitted with packing. The shaft and sleeves are in AISI316 Stainless steel and be supported by thrust ball bearings, and radial roller bearing.

Ebit-SCP series-Double Suction, split-casing pumps are in-line designed, space saving, easy maintenance horizontal type. Our split-case pumps are heavy-duty designed with replaceable wear rings and sleeves. Bearings are mounted and can be replaced without opening pump case. Each stuffing box is fitted with bronze gland and with a stuffing box extension to facilitate the packaging rings removal. The pump construction is ductile iron body, bronze fitted with packaging. The shaft and sleeves are in AISI316 stainless steel and be supported by heavy-duty ball bearings and roller bearing.

Electric Motor

Ebit UL approved fire pump sets always have Totally Enclosed Fan Cooled (TEFC) type of electric motors. Our motors in our sets have UL Listings, IP55 protection class, and F insulation class. The voltages are in 50 Hz, 380 Volts and/or 415 Volts with Wye-Delta Starting type as in standard.

Diesel Engines

Ebit fire pumps are being directly connected through flexible coupling to the diesel engines manufactured by Clarke. All our approved fire pumps are having UL Listed, FM Approved diesel engines with granted and guaranteed continuous power ratings. The diesel engines conform to the requirements of NFPA 20 and specifically approved for fire pump application and service. Diesel engines operate at a rated speed not exceeding the above RPM and develop sufficient horsepower to drive the pump with reserve power.

Internal Cooling System loop is included in our engine sets. The cooling water supply for the heat exchanger is from the discharge of the pump, taken off prior to the pump discharge valve. The pipe connection includes four manual shut-off valves (including by-pass line), two strainers, two pressure regulators, an approved and listed automatic solenoid valve, and a pressure gauge, piping and fittings are all fitted to the diesel engine as per NFPA 20 by Ebit.

One set of double heavy duty lead acid batteries are being supplied by Ebit mounted on the common baseplate of our engine-pump set complete with battery cables.

The fuel tank is produced and supplied by Ebit according to NFPA 20 recommendations complete with fill pipe, cap and level gauge to be delivered separately from pump-set with legs for floor mounting.

Minimum Fittings

All Ebit fire pumps are being supplied with suction and discharge gauges, air release valve mounted on pumps. Our electric driven pump sets are also having casing relief valves mounted on our pumps.

Testing

Ebit fire pumps are being hydrostatically tested to a pressure recommended by UL. The fire pump is subjected to a performance test at a rated speed. Our pumps furnish not less than 150% of rated capacity at a pressure not less than 65% of rated head. The shut-off head is not exceeding 140% of rated head. Ebit certified test curve is being supplied with the pump.

Approved Fire Pump Sets



DOL Starting Fire Pump Controller



Wye-Delta Starting Fire Pump Controller



Fire Pump Controller with ATS Integrated

Electric Fire Pump Controller

Ebitt fire pump set includes fire pump controller on its own base plate complete with wiring cables to the electric motor. All settings are being made in Ebitt factory as ready for use.

Electric Fire Pump controller meets the requirements of the latest edition of NFPA 20 and is UL Listed, FM Approved.

Ebitt electric fire pump controller has Wye-Delta Starting method as standard and optional for other type of starting methods. Our controller has a withstand ratings of 100.000 RMS symmetrical amperes, 380V, 415V, etc.

The controller includes a motor rated combination isolating switch and circuit breaker, mechanically interlocked and operated with a single externally mounted handle.

The isolating switch is rated to disconnect the motor load.

The isolating switch/circuit breaker combination is mechanically interlocked such that the enclosure door cannot be opened when the handle is in the ON position except by a tool operated defeater mechanism.

The controller is complete with a 4 line by 40 character LCD display mounted on a panel opening in the front door. The LCD display includes system pressure, voltage and amperage readings, frequency, date, time, set point, start/stop points, weekly test time and controller statistics screen which includes run time, start/stop numbers, system voltage, frequency and pressure recordings, etc.

The controller displays last messages screen that will display up to 10.000 alarms/messages stored in the memory.

The controller has green status LED's for power on, pump running, local start, remote start, emergency start, deluge valve, interlock status, low pressure etc. And the controller has also red alarm LED's for phase reversal, phase failure, fail to start, undervoltage, overvoltage, low room temperature, lock rotor trip, low suction pressure, etc.

The microprocessor logic board is available with USB port for transference of message history, controller status, diagnostics, and statistics.

A solid-state 4-20 mA pressure sensor is included.

All relays are equipped with the plug-in type and all relay contacts provided for phase reversal, phase failure, common alarm, pump run, and the common alarm and phase relays are energized under normal conditions.

An audible alarm buzzer, capable of being heard while the motor is operating, shall operate if fail to start. Hardware malfunction or any common alarm condition exists.

Approved Fire Pump Sets



**Diesel Fire Pump
Controller**

Diesel Fire Pump Controller

EBITT fire pumps set includes diesel fire pump controller on its own base plate complete with wiring cables to batteries and diesel engine instrument panel. All settings are being made in EBITT factory as Ready for use.

Engine controller meets the requirements of the latest edition of NFPA 20 and is UL listed, FM Approved.

The diesel engine controller incorporates the following components:
Two independently functional battery charges, each having its own power transformer rated for a maximum continuous charge current of 10 amperes. The charger has solid state electronic design with a semi-conductor type rectifier and includes the following supervisory and safety features.

- a) Current limiting in every charging mode
- b) Over-current shut-off
- c) Automatic selection of bulk or float charge by battery voltage sensing
- d) Lower than 0,5 ampere trickle charge
- e) Reverse voltage shut-off
- f) Dead cell detection
- g) Over and under voltage alarm
- h) Charger initiated battery failure alarm with signaling to prevent the use of the defective battery during the engine starting cycle.

All relays are equipped with manual test buttons and ON-OFF status indicators and terminal block to indicate the following engine conditions;

- a) Two SPDT contacts for engine running condition.
- b) One NO/NC contact when the main switch is in the AUTO position.

- c) One NO/NC contact when the main switch is in the MANUAL or OFF position.
- d) One SPTD contact indicating engine trouble. The engine trouble condition is indicated on engine over speed, engine failure to start, low oil pressure, and high coolant temperature conditions.

A solid-state 4-20 mA pressure sensor is included.

A seven-day pressure recorder is provided.

A central annunciator and operator control panel is provided inside the controller but visible and accessible through a breakable glass panel on the enclosure door. This control panel incorporates all alarm and status pilot light indicators, voltmeters and ammeters for battery charges and the four positions main switch manual start push buttons, and combination Lamp test / Charger reset push button and the operational NORMAL/SILENCE selector switch for pump room alarms.

Approved Fire Pump Sets

End-Suction Pumps - 3000 RPM

Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%)	P2 (150 %)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm	(kw)	(kw)			
N 32-250	2"	1 1/4"	50	11,4	7	102	71,4	7,64	8,40	11	KA4H-UFKA24	33,5
					7,5	109	76,5	8,27	9,07	11	KA4H-UFKA24	33,5
					8	116	81,6	8,97	9,80	11	KA4H-UFKA24	33,5
					8,5	123	86,7	9,62	10,60	11	KA4H-UFKA24	33,5
					9	131	91,8	10,53	11,60	15	KA4H-UFKA24	33,5
					9,5	138	96,9	11,56	12,80	15	KA4H-UFKA24	33,5
					10	145	102,0	12,62	14,20	15	KA4H-UFKA24	33,5
N 32-250	2"	1 1/4"	100	22,7	6,95	101	70,9	10,11	12,00	15	KA4H-UFKA24	33,5
					7,5	109	76,5	11,00	13,20	15	KA4H-UFKA24	33,5
					8	116	81,6	11,90	14,20	15	KA4H-UFKA24	33,5
					8,5	123	86,7	12,80	14,90	15,0	KA4H-UFKA24	33,5
					9	131	91,8	13,85	16,40	18,5	KA4H-UFKA24	33,5
					9,5	138	96,9	14,93	17,20	18,5	KA4H-UFKA24	33,5
					9,8	142	100,0	15,79	18,00	18,5	KA4H-UFKA24	33,5
N 32-250	2"	1 1/4"	150	34,1	6,7	97	68,3	12,50	15,40	18,5	KA4H-UFKA24	33,5
					7	102	71,4	13,09	16,20	18,5	KA4H-UFKA24	33,5
					7,5	109	76,5	14,06	17,60	18,5	KA4H-UFKA24	33,5
					8	116	81,6	15,04	18,40	18,5	KA4H-UFKA24	33,5
					8,5	123	86,7	16,03	20,20	22	KA4H-UFKA24	33,5
					9	131	91,8	17,05	21,40	22	KA4H-UFKA24	33,5
					9,45	137	96,4	18,16	21,90	22	KA4H-UFKA24	33,5
N 50-260	3"	2"	200	45,4	6,8	99	69,4	21,11	23,14	30	KA4H-UFKA24	33,5
					7	102	71,4	20,99	23,43	30	KA4H-UFKA24	33,5
					7,5	109	76,5	20,76	24,30	30	KA4H-UFKA24	33,5
					8	116	81,6	20,80	24,43	30	KA4H-UFKA24	33,5
					8,5	123	86,7	21,39	26,50	30	KA4H-UFKA24	33,5
					9	130	91,7	22,53	27,70	30	KA4H-UFKA24	33,5
					9,5	138	96,9	23,75	28,80	30	KA4H-UFKA24	33,5
N 50-260	3"	2"	250	56,8	6,55	95	66,8	20,95	26,30	30	KA4H-UFKA24	33,5
					7	102	71,4	21,41	27,40	30	KA4H-UFKA24	33,5
					7,5	109	76,5	22,30	27,20	30	KA4H-UFKA24	33,5
					8	116	81,6	23,37	29,70	30	KA4H-UFKA24	33,5
					8,6	125	87,7	24,87	31,43	37	KA4H-UFKA24	33,5
					9	131	91,8	25,98	32,57	37	KA4H-UFKA24	33,5
					9,3	135	94,9	26,86	33,70	37	KA4H-UFKA24	33,5
N 65-260	4"	2 1/2"	300	68,1	6,35	92	64,8	26,14	29,50	30	KA4H-UFKA24	33,5
					6,5	94	66,3	26,69	30,00	30	KA4H-UFKA24	33,5
					7	102	71,4	28,57	33,00	37	KA4H-UFKA24	33,5
					7,5	109	76,5	30,54	35,50	37	JU4H-UF04	45
					8	116	81,6	32,52	38,00	45	JU4H-UF04	45
					8,5	123	86,7	34,63	40,50	45	JU4H-UF04	45
					9	131	91,8	36,92	42,80	45	JU4H-UF04	45
					9,5	138	96,9	39,50	43,90	45	JU4H-UF04	45
					9,6	139	97,9	39,97	44,90	45	JU4H-UF04	45

Approved Fire Pump Sets

End-Suction Pumps - 3000 RPM

Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%)	P2 (150 %)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm	(kw)	(kw)			
N 65-260	4"	21/2"	400	90,8	6,2	90	63,2	29,65	33,40	37	KA4H-UFKA24	33,5
					6,5	94	66,3	30,98	35,50	37	JU4H-UF04	45
					7	102	71,4	33,23	38,50	45	JU4H-UF04	45
					7,5	109	76,5	35,57	41,50	45	JU4H-UF04	45
					8	116	81,6	38,02	44,50	45	JU4H-UF04	45
					8,5	123	86,7	40,50	48,00	55	JU4H-UF14	53
					9	131	91,8	43,06	51,00	55	JU4H-UF14	53
					9,5	138	96,9	45,69	53,45	55	JU4H-UF14	53
N 65-260	4"	21/2"	450	102,2	6	87	61,2	30,96	33,40	37	KA4H-UFKA24	33,5
					6,5	94	66,3	33,34	38,00	45	JU4H-UF04	45
					7	102	71,4	35,79	40,67	45	JU4H-UF04	45
					7,5	109	76,5	38,29	44,00	45	JU4H-UF04	45
					8	116	81,6	40,85	47,33	55	JU4H-UF14	53
					8,5	123	86,7	43,51	50,67	55	JU4H-UF14	53
					9	131	91,8	46,32	52,10	55	JU4H-UF14	53
					9,44	137	96,3	48,94	53,00	55	JU4H-UF14	53
N 80-250	5"	3"	450	102,2	6,98	101	71,2	31,91	37,33	45	JU4H-UF04	45
					7	102	71,4	32,00	37,50	45	JU4H-UF04	45
					7,5	109	76,5	34,21	40,50	45	JU4H-UF04	45
					8	116	81,6	36,47	44,00	45	JU4H-UF04	45
					8,5	123	86,7	38,79	47,50	55	JU4H-UF14	53
					9	131	91,8	41,20	51,00	55	JU4H-UF14	53
					9,5	138	96,9	43,74	54,90	55	JU4H-UF24	62
					10	145	102,0	46,48	59,00	75	JU4H-UF24	62
N 80-250	5"	3"	500	113,5	10,04	146	102,4	46,66	59,00	75	JU4H-UF24	62
					6,85	99	69,9	34,00	38,50	45	JU4H-UF04	45
					7	102	71,4	34,70	40,00	45	JU4H-UF04	45
					7,5	109	76,5	37,08	43,00	45	JU4H-UF04	45
					8	116	81,6	39,50	47,00	55	JU4H-UF14	53
					8,5	123	86,7	41,99	50,50	55	JU4H-UF14	53
					9	131	91,8	44,57	58,50	75	JU4H-UF24	62
					9,5	138	96,9	47,33	57,67	75	JU4H-UF24	62
N 80-315	4"	3"	500	113,5	10	145	102,0	50,22	61,70	75	JU4H-UF24	62
					10,04	146	102,4	50,50	61,90	75	JU4H-UF24	62
					10,5	152	107,1	46,96	60,00	75	JU4H-UF24	62
					11	160	112,2	49,21	61,80	75	JU4H-UF24	62
					11,5	167	117,3	51,46	67,00	75	JU4H-UF34	86
					12	174	122,4	53,72	70,00	75	JU4H-UF34	86
					12,5	181	127,5	55,97	73,00	75	JU4H-UF34	86
					13	189	132,6	58,23	74,80	75	JU4H-UF34	86
					13,5	196	137,7	60,50	80,00	90	JU4H-UF34	86
					14	203	142,8	62,77	83,00	90	JU4H-UF34	86
					14,5	210	147,9	65,09	85,80	90	JU4H-UF34	86
					15	218	153,0	67,43	89,90	90	JU4H-UF54	108
					15,5	225	158,1	69,74	93,00	110	JU4H-UF54	108
					16	232	163,2	72,25	97,00	110	JU4H-UF54	108
					16,15	234	164,8	73,16	98,00	110	JU4H-UF54	108

Approved Fire Pump Sets

End-Suction Pumps - 3000 RPM

Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%)	P2 (150 %)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm	(kw)	(kw)			
N 100-315	5"	4"	500	113,5	9,92	144	101,2	49,27	58,33	75	JU4H-UF24	62
					10	145	102,0	49,67	60,00	75	JU4H-UF24	62
					10,5	152	107,1	52,30	63,33	75	JU4H-UF34	86
					11	160	112,2	55,01	66,67	75	JU4H-UF34	86
					11,5	167	117,3	57,85	70,00	75	JU4H-UF34	86
					12	174	122,4	60,78	73,33	75	JU4H-UF34	86
					12,5	181	127,5	63,71	78,33	90	JU4H-UF34	86
					13	189	132,6	66,78	81,67	90	JU4H-UF34	86
					13,5	196	137,7	69,83	85,00	90	JU4H-UF34	86
					14	203	142,8	73,02	89,80	90	JU4H-UF54	108
					14,5	210	147,9	76,31	95,00	110	JU4H-UF54	108
					14,7	213	150,0	77,81	96,67	110	JU4H-UF54	108
N 100-250	5"	4"	750	170	5,45	79	55,6	39,50	43,80	45	JU4H-UF04	45
					5,5	80	56,1	39,86	44,00	45	JU4H-UF04	45
					6	87	61,2	43,26	50,00	55	JU4H-UF14	53
					6,5	94	66,3	46,80	52,80	55	JU4H-UF14	53
					7	102	71,4	50,49	59,00	75	JU4H-UF24	62
					7,5	109	76,5	54,28	65,00	75	JU4H-UF34	86
					8	116	81,6	58,18	69,50	75	JU4H-UF34	86
					8,5	123	86,7	62,27	74,50	75	JU4H-UF34	86
					9	131	91,8	66,53	80,00	90	JU4H-UF34	86
					9,5	138	96,9	71,10	85,50	90	JU4H-UF34	86
N 100-315	5"	4"	750	170	9,8	142	100,0	73,88	89,50	90	JU4H-UF54	108
					9,45	137	96,4	59,28	71,67	75	JU4H-UF34	86
					9,5	138	96,9	59,59	73,30	75	JU4H-UF34	86
					10	145	102,0	62,75	78,33	90	JU4H-UF34	86
					10,5	152	107,1	65,95	83,33	90	JU4H-UF34	86
					11	160	112,2	69,14	85,87	90	JU4H-UF34	86
					11,5	167	117,3	72,35	89,78	90	JU4H-UF54	108
					12	174	122,4	75,63	96,67	110	JU4H-UF54	108
					12,5	181	127,5	79,05	101,67	110	JU4H-UF54	108
					13	189	132,6	82,56	105,00	110	JU4H-UF54	108
					13,5	196	137,7	86,12	107,80	110	JU4H-UF54	108
					14	203	142,8	89,83	115,00	132	JU6H-UF34	131
N 100-330	6"	4"	750	170	14,5	210	147,9	93,53	121,67	132	JU6H-UF34	131
					12,8	186	130,6	92,15	112,50	132	JU6H-UF34	131
					13	189	132,6	93,46	113,75	132	JU6H-UF34	131
					13,5	196	137,7	96,89	120,00	132	JU6H-UF34	131
					14	203	142,8	100,57	125,00	132	JU6H-UF34	131
					14,5	210	147,9	104,56	129,50	132	JU6H-UF34	131
					14,95	217	152,5	108,27	135,00	160	JU6H-UF54	161

Approved Fire Pump Sets

End-Suction Pumps - 3000 RPM

Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%)	P2 (150 %)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm	(kw)	(kw)			
N 100-250	5"	4"	1000	227	4,9	71	50,0	42,82	49,40	55	JU4H-UF14	53
					5	73	51,0	43,63	50,00	55	JU4H-UF14	53
					5,5	80	56,1	47,73	52,80	55	JU4H-UF14	53
					6	87	61,2	51,86	61,00	75	JU4H-UF24	62
					6,5	94	66,3	56,05	66,00	75	JU4H-UF34	86
					7	102	71,4	60,30	72,00	75	JU4H-UF34	86
					7,5	109	76,5	64,61	77,00	90	JU4H-UF34	86
					8	116	81,6	69,00	82,00	90	JU4H-UF34	86
					8,5	123	86,7	73,51	86,00	90	JU4H-UF34	86
					9	131	91,8	78,22	94,00	110	JU4H-UF54	108
					9,5	138	96,9	83,30	101,00	110	JU4H-UF54	108
N 125-315	6"	5"	750	170	9,65	140	98,4	84,79	103,00	110	JU4H-UF54	108
					9,6	139	97,9	73,45	85,80	90	JU4H-UF34	86
					10	145	102,0	76,84	92,50	110	JU4H-UF54	108
					10,5	152	107,1	81,21	97,50	110	JU4H-UF54	108
					11	160	112,2	85,78	105,00	110	JU4H-UF54	108
					11,5	167	117,3	90,36	107,50	110	JU4H-UF54	108
					12	174	122,4	95,26	115,00	132	JU6H-UF34	131
					12,5	181	127,5	100,39	120,00	132	JU6H-UF34	131
					13	189	132,6	105,74	125,00	132	JU6H-UF34	131
					13,5	196	137,7	111,30	130,50	132	JU6H-UF34	131
					14	203	142,8	117,09	140,00	160	JU6H-UF54	161
N 100-330	6"	4"	1000	227	14,5	210	147,9	123,16	147,50	160	JU6H-UF54	161
					15	218	153,0	128,96	152,50	160	JU6H-UF54	161
					15,3	222	156,1	133,46	157,50	160	JU6H-UF54	161
					12,2	177	124,5	107,95	131,00	132	JU6H-UF34	131
					12,5	181	127,5	110,33	135,00	160	JU6H-UF54	161
					13	189	132,6	114,48	141,25	160	JU6H-UF54	161
					13,5	196	137,7	118,69	147,50	160	JU6H-UF54	161
N 125-330	8"	5"	1250	284	14	203	142,8	123,01	153,75	160	JU6H-UF54	161
					14,5	210	147,9	127,64	158,50	160	JU6H-UF54	161
					14,6	212	148,9	128,57	159,70	160	JU6H-UF54	161
					10,8	157	110,2	135,10	159,70	160	JU6H-UF54	161
					11	160	112,2	137,49	163,00	185	JU6H-UF84	205
					11,5	167	117,3	143,79	170,00	185	JU6H-UF84	205
					12	174	122,4	150,50	180,00	185	JU6H-UF84	205
					12,5	181	127,5	157,25	190,00	200	JU6H-UF84	205
					13	189	132,6	164,07	195,00	200	JU6H-UF84	205
					13,5	196	137,7	170,99	204,80	225	JU6H-UF84	205
					14	203	142,8	177,97	215,00	225	contact us	
					14,5	210	147,9	185,69	224,50	225	contact us	
					15	218	153,0	193,54	235,00	250	contact us	
					15,2	220	155,1	197,10	240,00	250	contact us	

Approved Fire Pump Sets

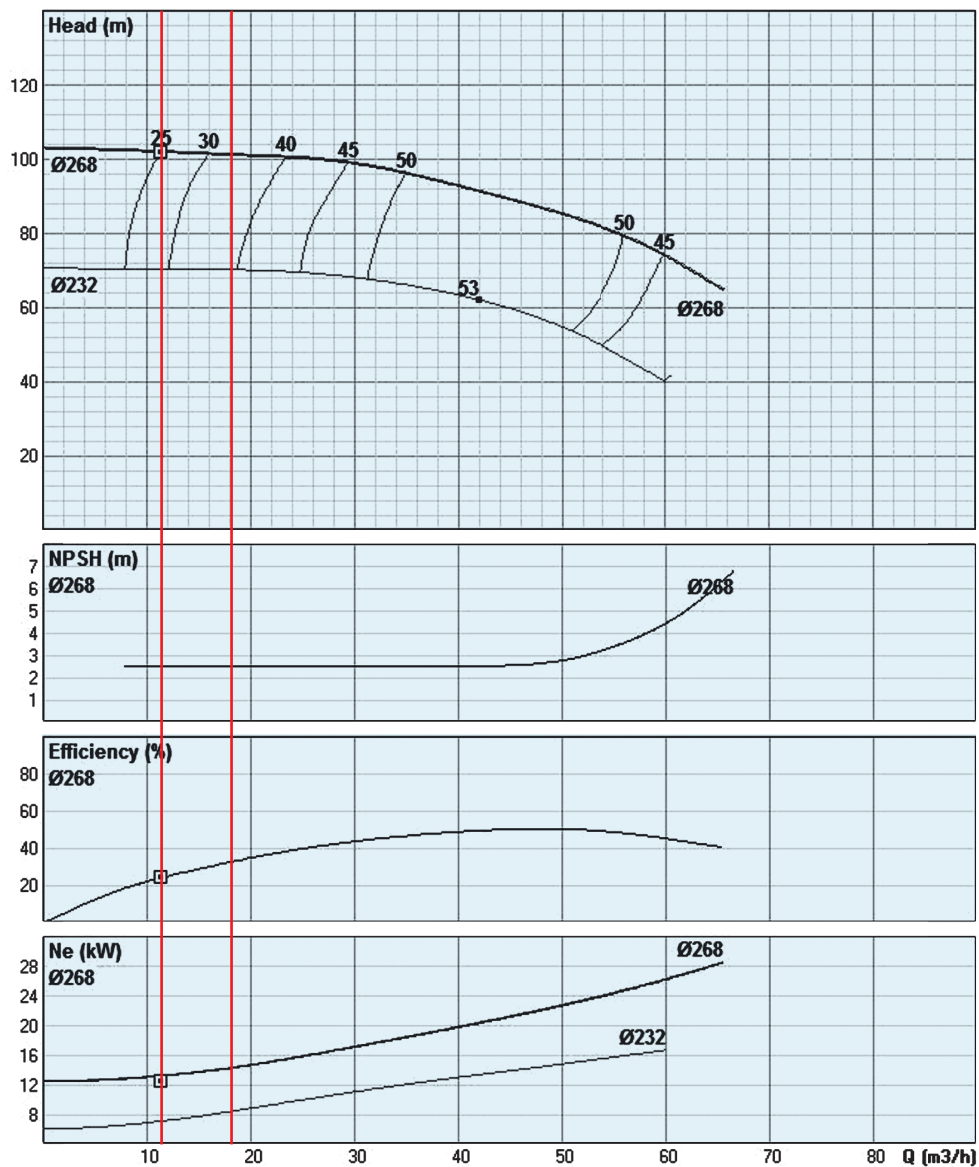
End-Suction Pumps - 3000 RPM

Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%)	P2 (150 %)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm	(kw)	(kw)			
N 150-315	8"	6"	1250	284	8,41	122	85,8	99,68	116,67	132	JU6H-UF34	131
					8,5	123	86,7	100,67	116,85	132	JU6H-UF34	131
					9	131	91,8	107,17	126,67	132	JU6H-UF34	131
					9,5	138	96,9	113,85	130,7	132	JU6H-UF34	131
					10	145	102,0	120,60	143,33	160	JU6H-UF54	161
					10,5	152	107,1	127,65	153,33	160	JU6H-UF54	161
					11	160	112,2	135,03	159,70	160	JU6H-UF54	161
					11,5	167	117,3	142,35	173,33	185	JU6H-UF84	205
					12	174	122,4	150,52	180,00	185	JU6H-UF84	205
					12,5	181	127,5	157,91	190,00	200	JU6H-UF84	205
					13	189	132,6	166,21	198,90	200	JU6H-UF84	205
					13,5	196	137,7	174,90	210,00	225	contact us	
					14	203	142,8	183,06	222,30	225	contact us	
					14,1	204	143,8	185,19	223,33	225	contact us	
N 125-330	8"	5"	1500	341	10,55	153	107,6	144,15	170,00	185	JU6H-UF84	205
					11	160	112,2	149,85	177,50	185	JU6H-UF84	205
					11,5	167	117,3	156,48	187,50	200	JU6H-UF84	205
					12	174	122,4	163,15	197,50	200	JU6H-UF84	205
					12,5	181	127,5	169,81	204,50	225	JU6H-UF84	205
					13	189	132,6	176,49	220,00	225	contact us	
					13,5	196	137,7	182,43	230,00	250	contact us	
					14	203	142,8	190,05	240,00	250	contact us	
					14,5	210	147,9	197,68	249,00	250	contact us	
					15	218	153,0	205,52	260,00	315	contact us	
					15,1	219	154,0	207,18	262,50	315	contact us	
N 150-330	8"	6"	1500	341	12,7	184	129,6	221,92	264,00	315	contact us	
					13	189	132,6	228,05	270,00	315	contact us	
					13,5	196	137,7	239,08	280,00	315	contact us	
					14	203	142,8	250,37	294,00	315	contact us	
					14,5	210	147,9	262,39	306,00	315	contact us	
					14,95	217	152,5	274,29	318,00	355	contact us	
N 150-330	8"	6"	2000	454	12,6	183	128,5	247,68	300,00	315	contact us	
					13	189	132,6	256,34	308,00	315	contact us	
					13,5	196	137,7	267,48	320,00	355	contact us	
					14	203	142,8	279,22	332,00	355	contact us	
					14,5	210	147,9	291,27	344,00	355	contact us	
					14,9	216	152,0	301,55	352,00	355	contact us	

Approved Fire Pump Sets

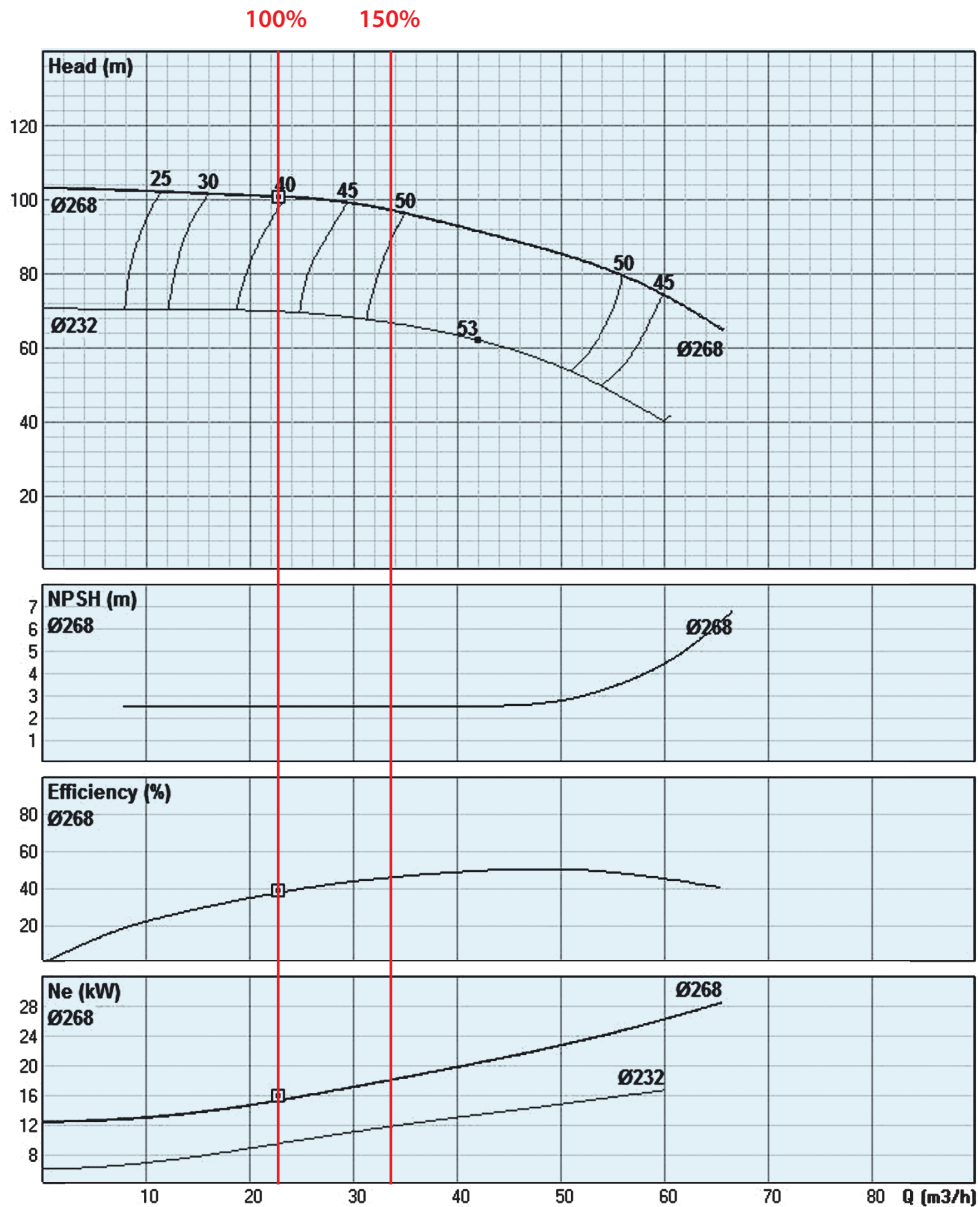
N 32 / 250 - 50 GPM

100% 150%



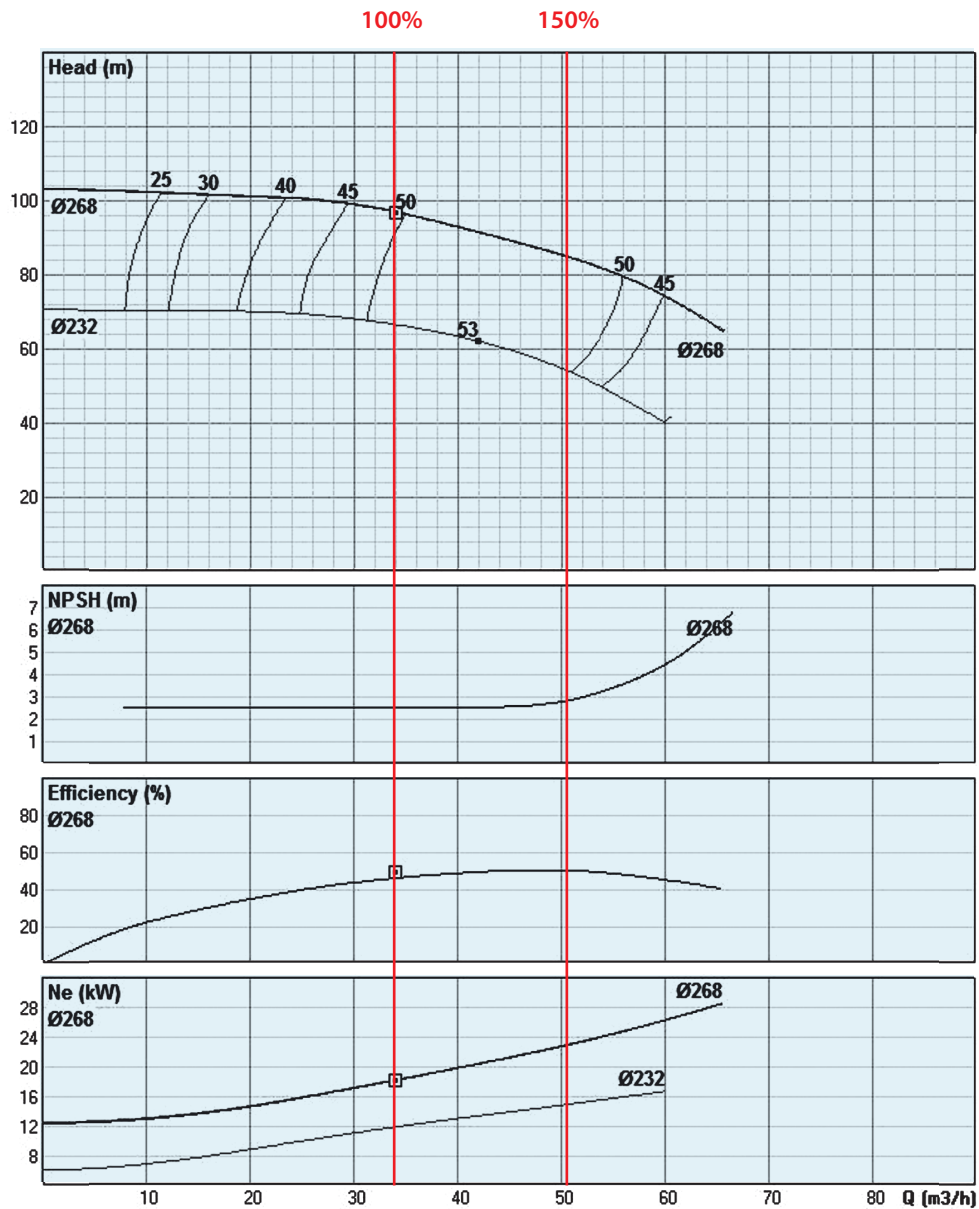
Approved Fire Pump Sets

N 32 / 250 - 100 GPM



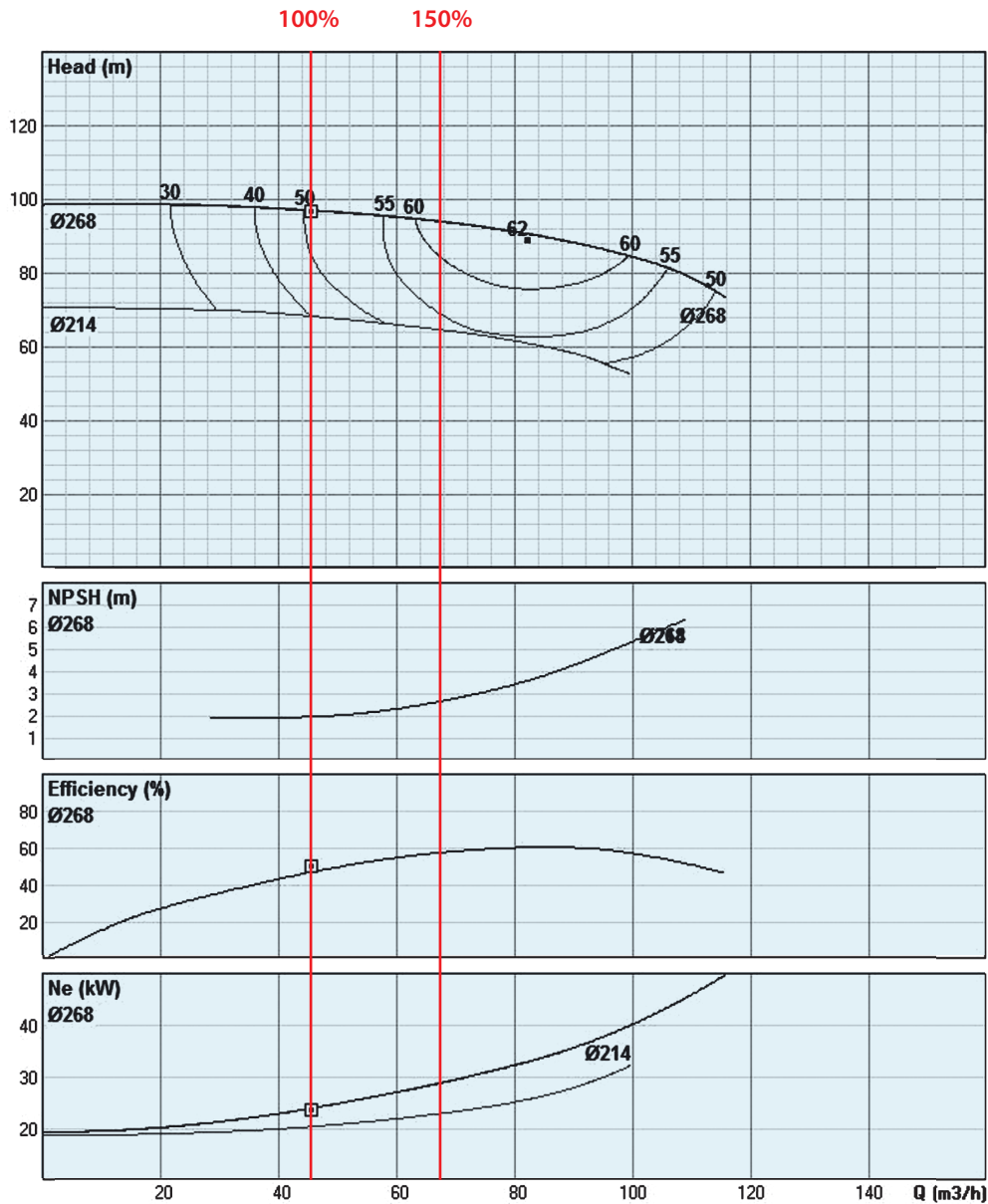
Approved Fire Pump Sets

N 32 / 250 - 150 GPM



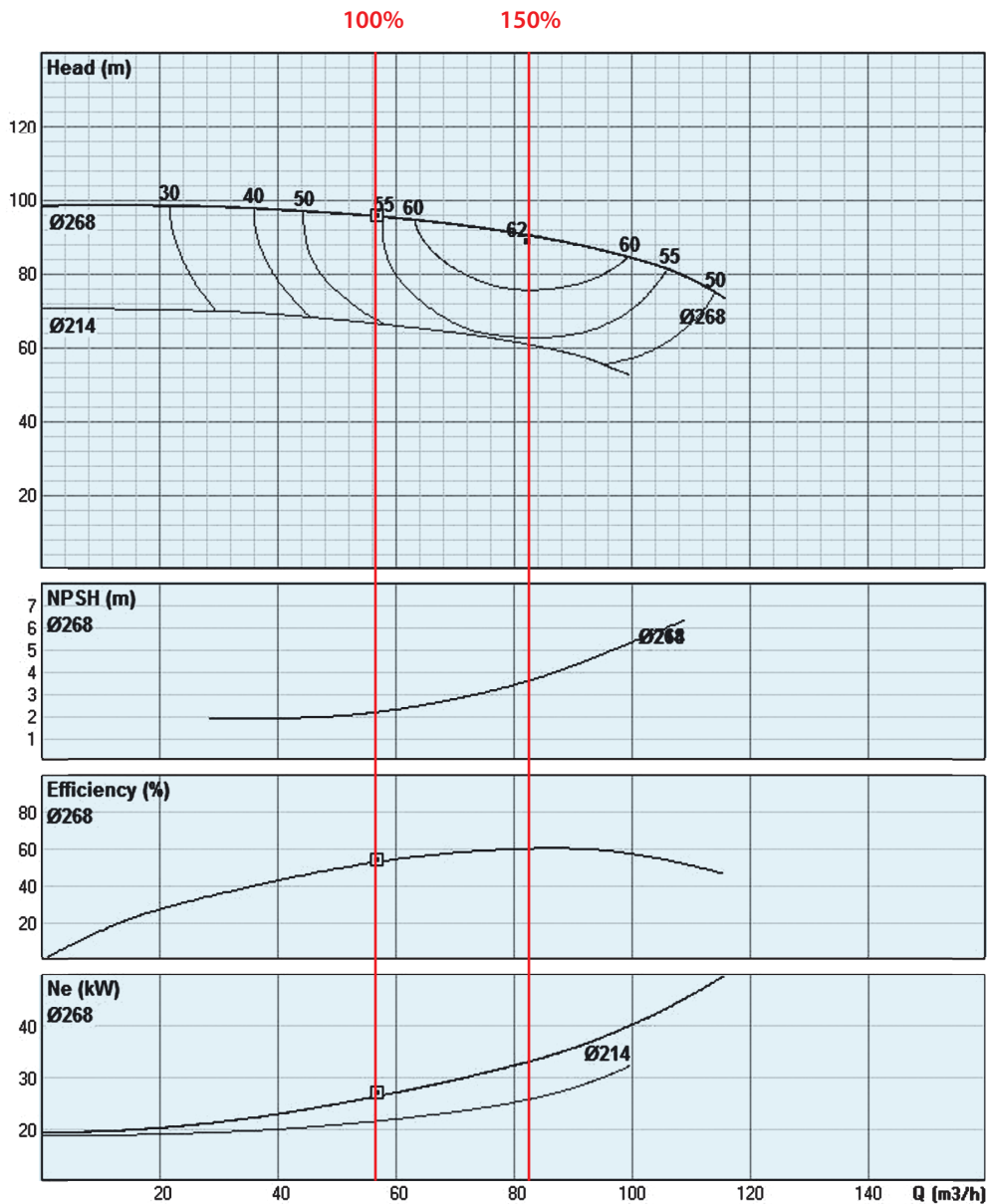
Approved Fire Pump Sets

N 50 / 260 - 200 GPM



Approved Fire Pump Sets

N 50 / 260 - 250 GPM

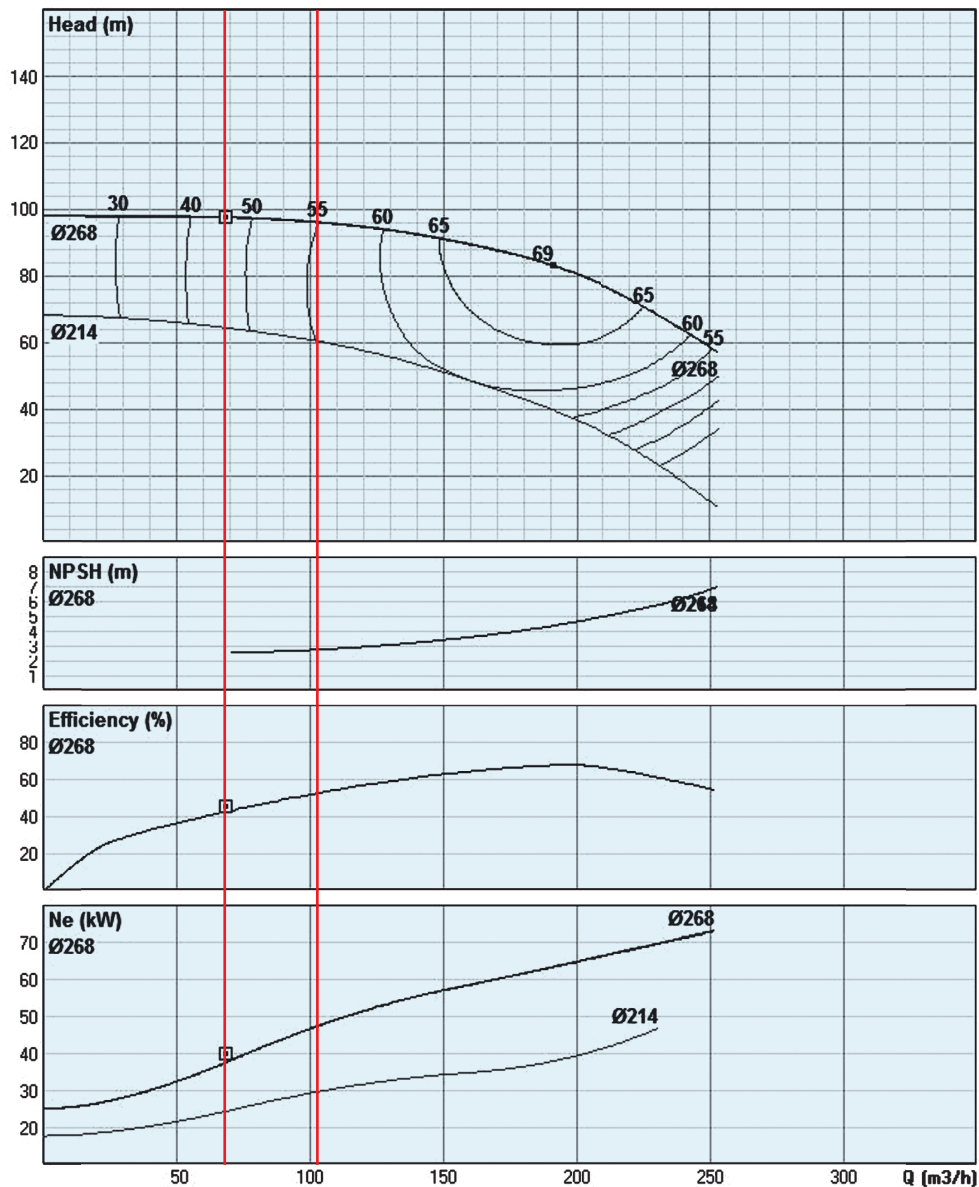


Approved Fire Pump Sets

N 65 / 260 - 300 GPM

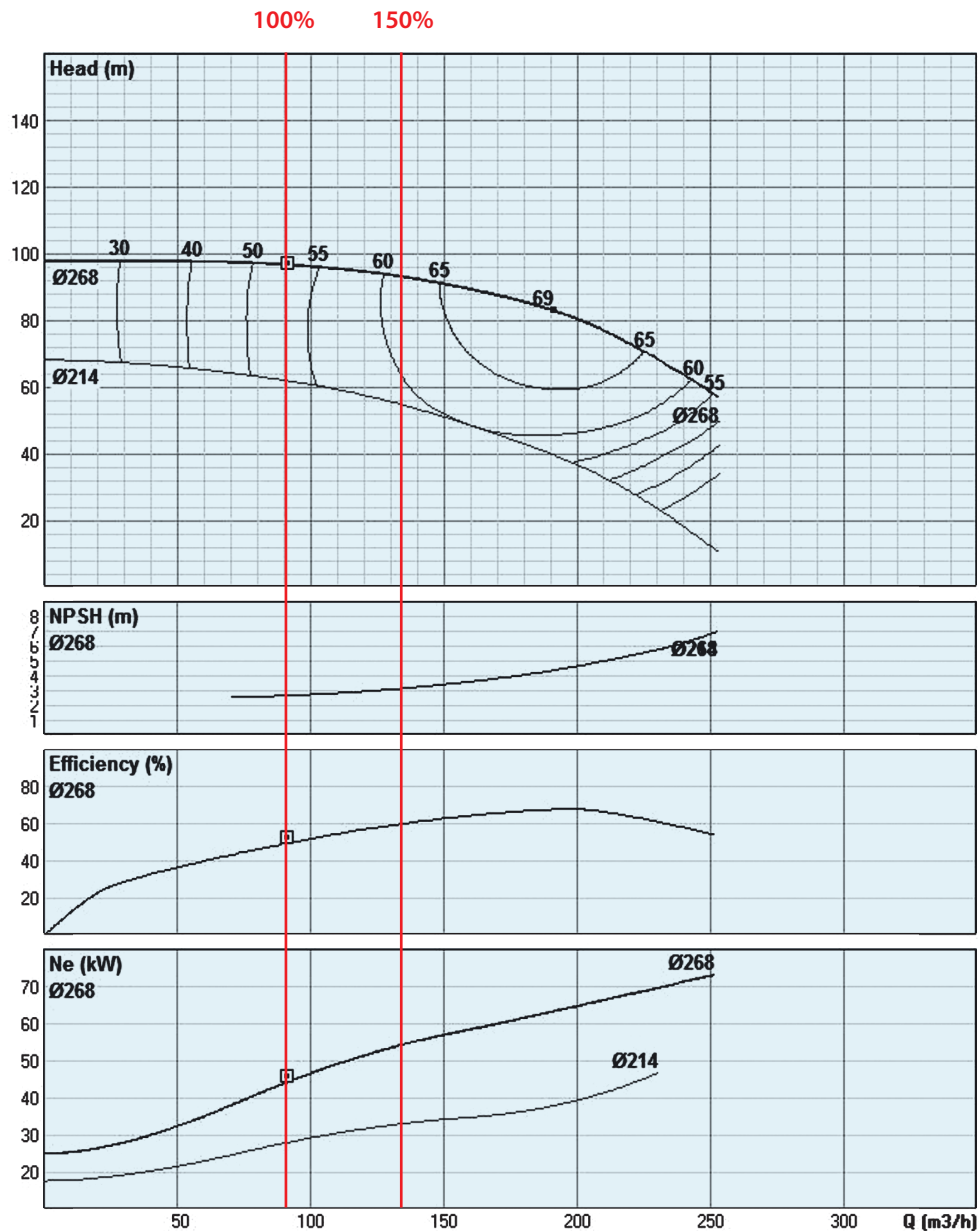


100% 150%



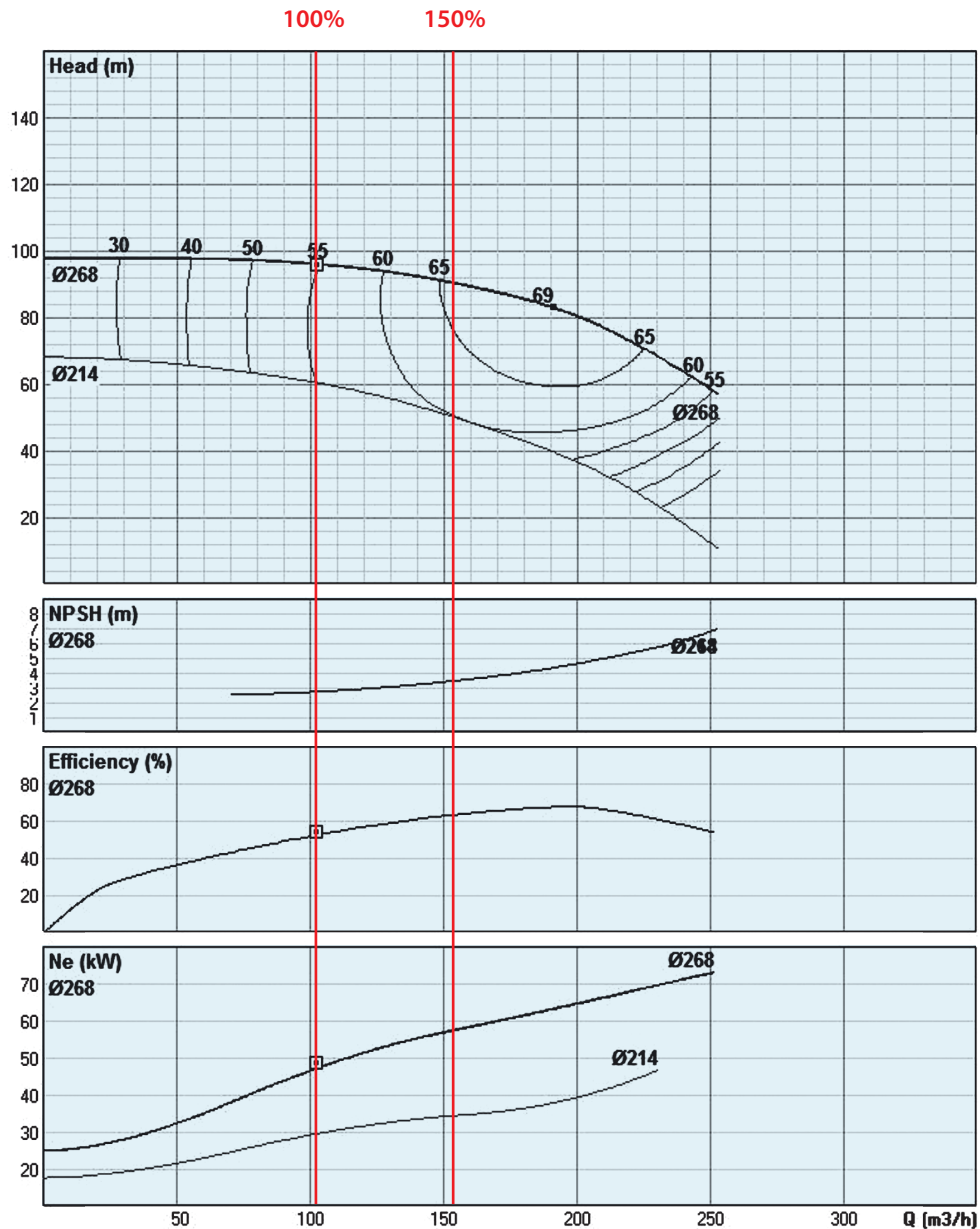
Approved Fire Pump Sets

N 65 / 260 - 400 GPM



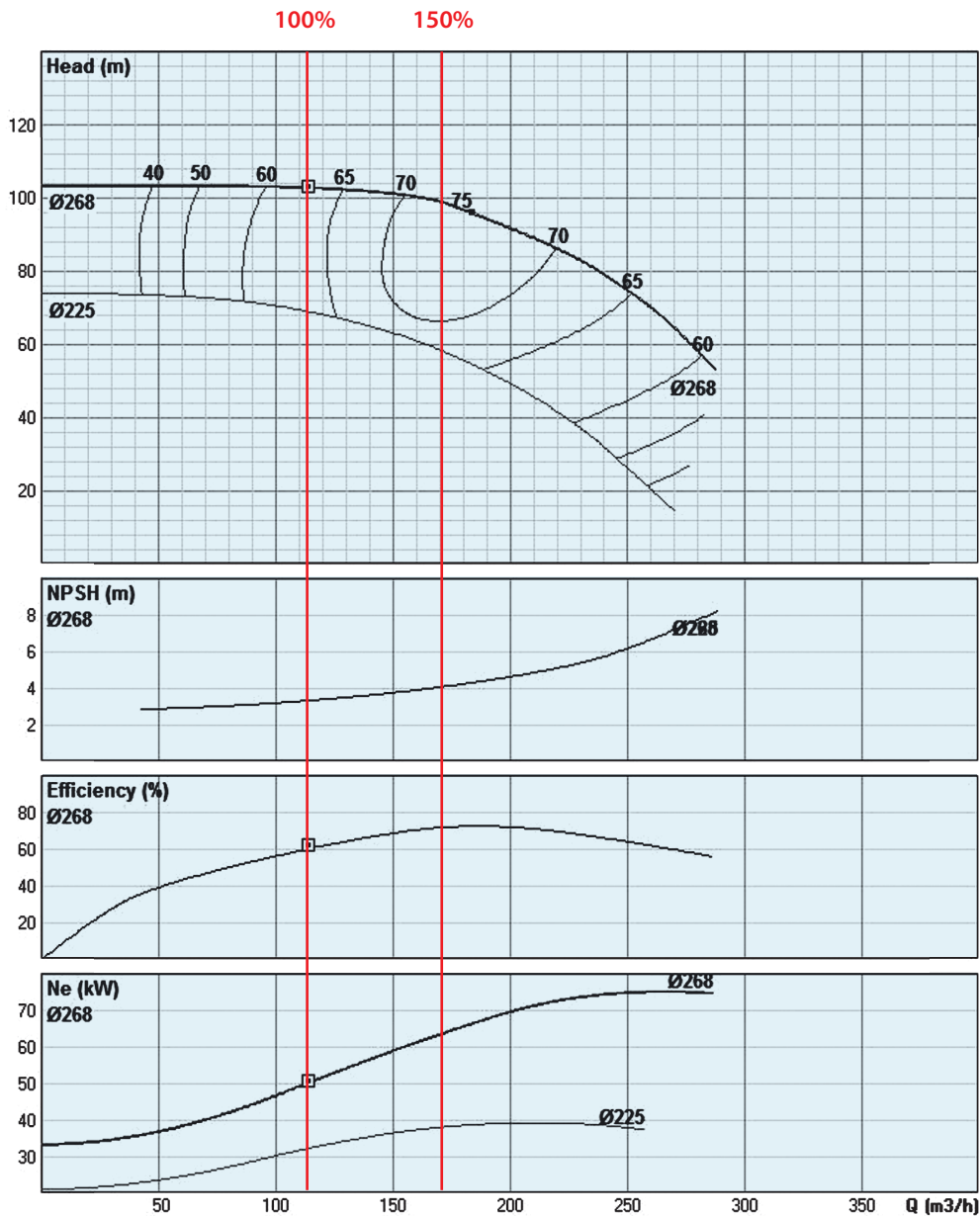
Approved Fire Pump Sets

N 65 / 260 - 450 GPM



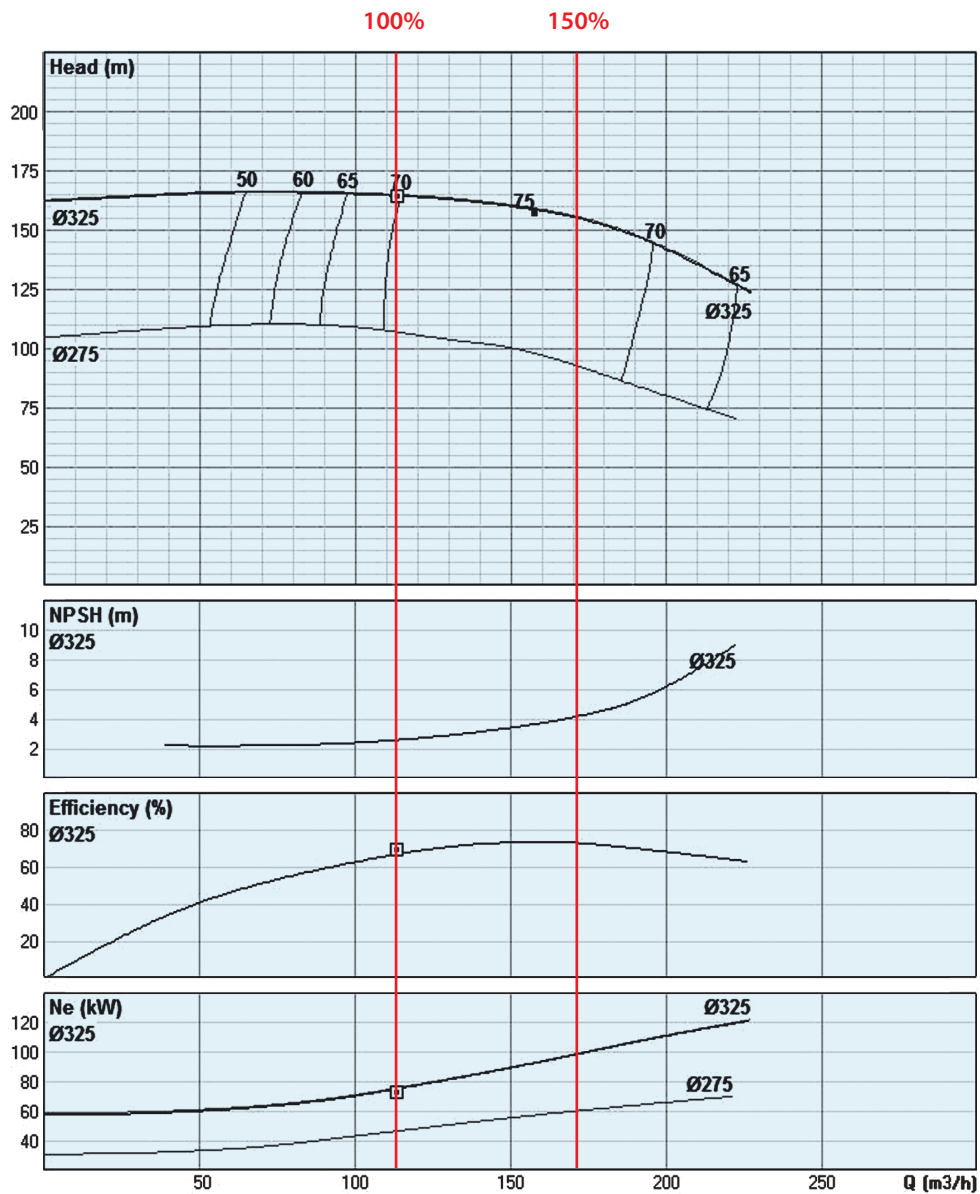
Approved Fire Pump Sets

N 80 / 250 - 500 GPM



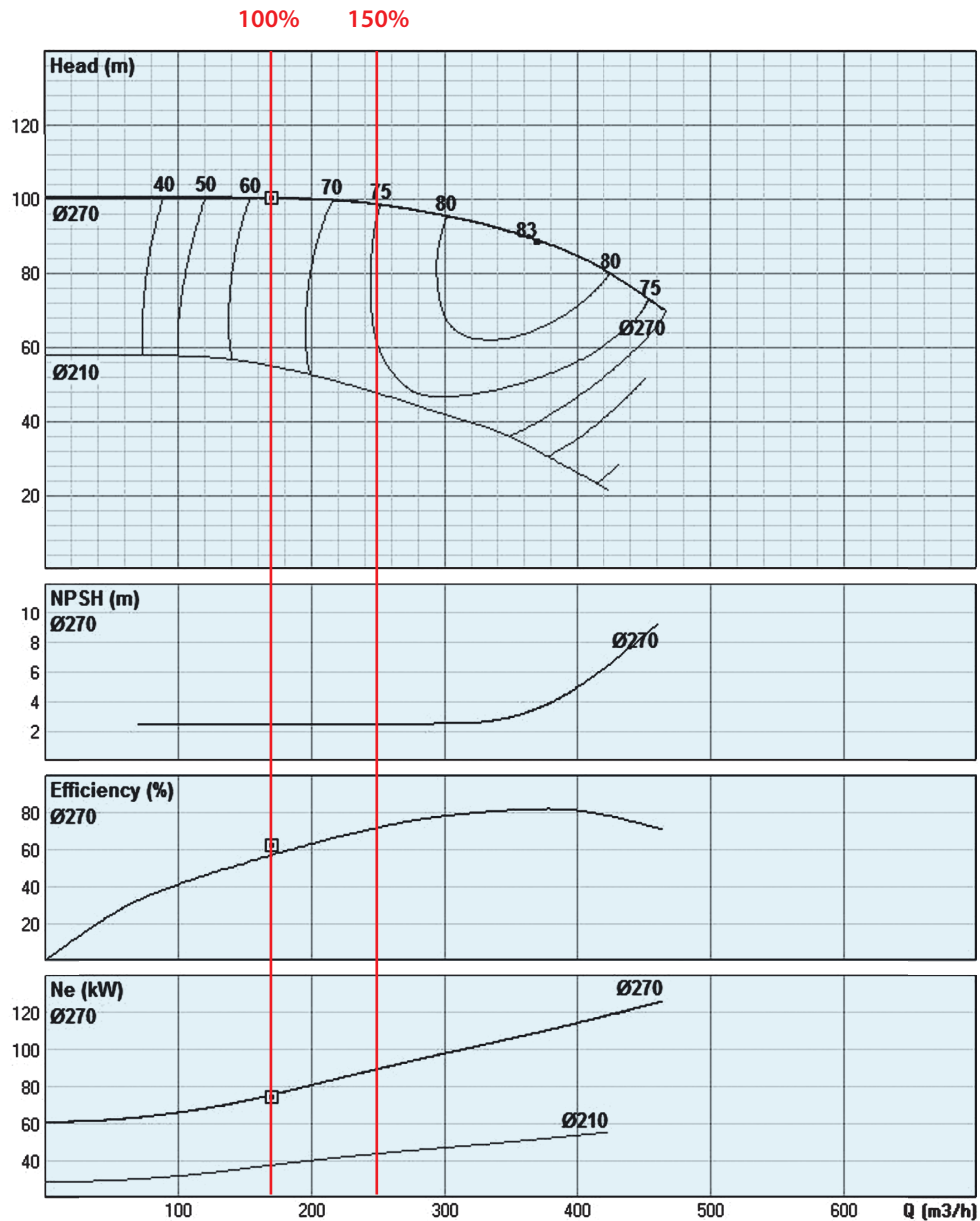
Approved Fire Pump Sets

N 80 / 315 - 500 GPM



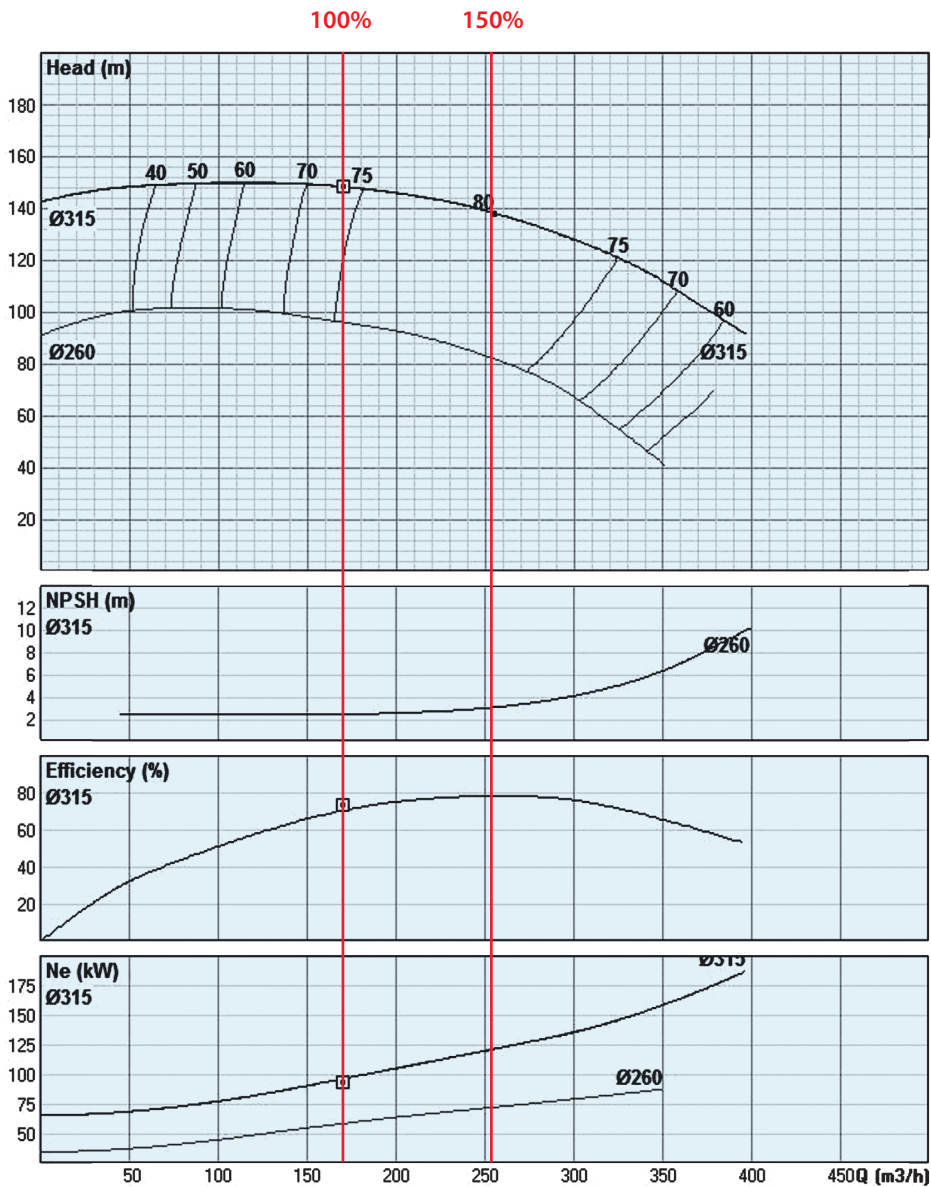
Approved Fire Pump Sets

N 100 / 250 - 750 GPM



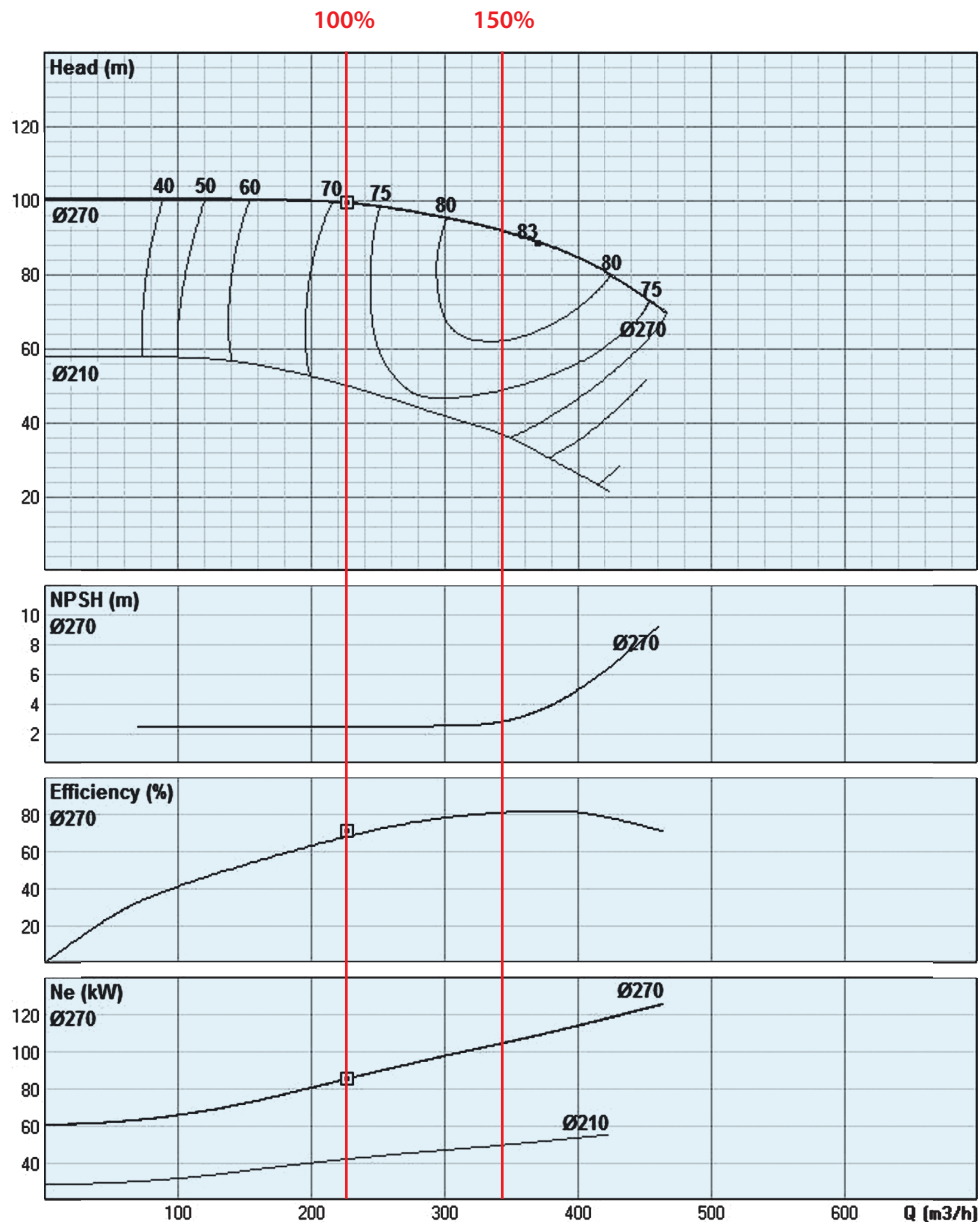
Approved Fire Pump Sets

N 100 / 315 - 750 GPM



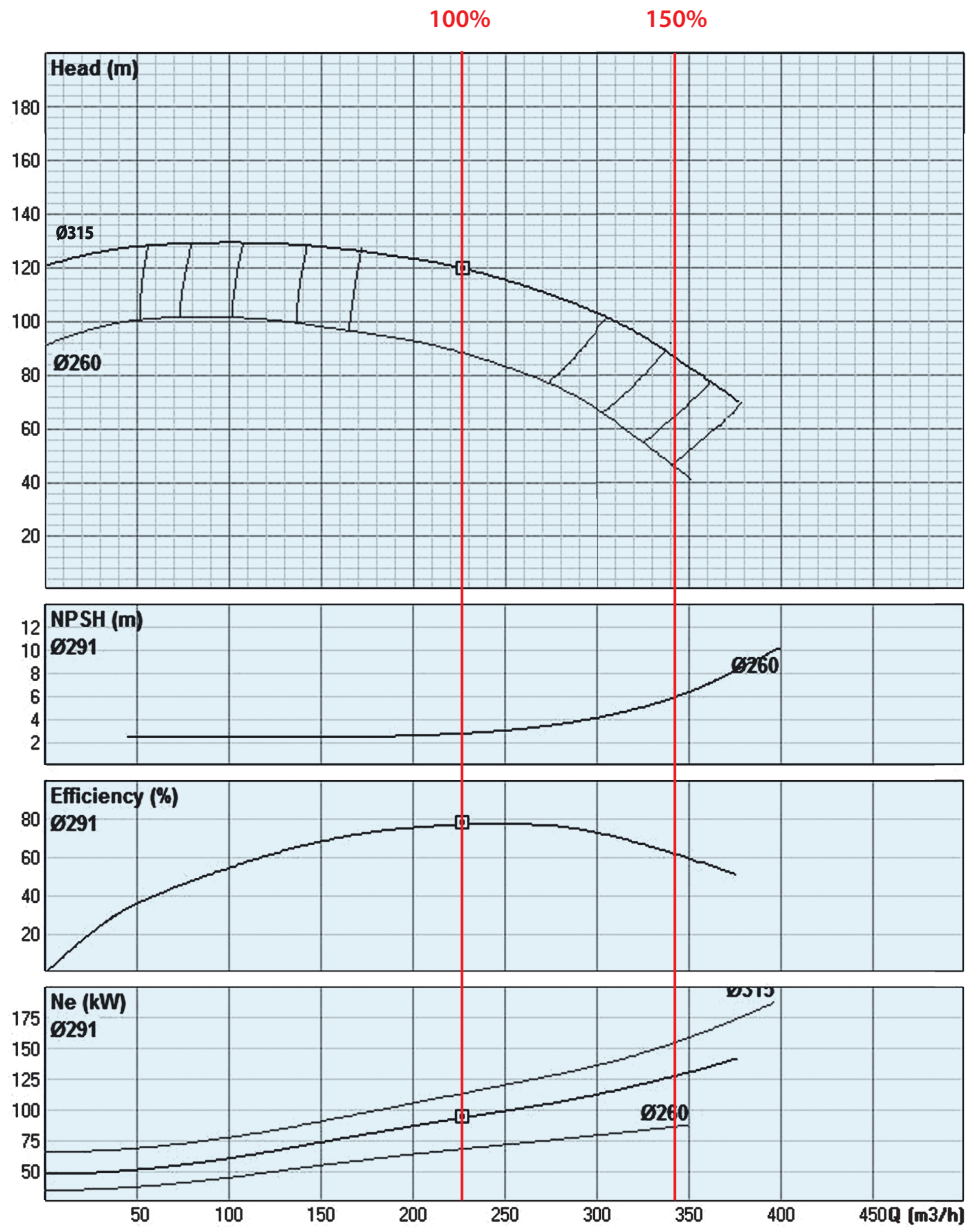
Approved Fire Pump Sets

N 100 / 250 - 1000 GPM



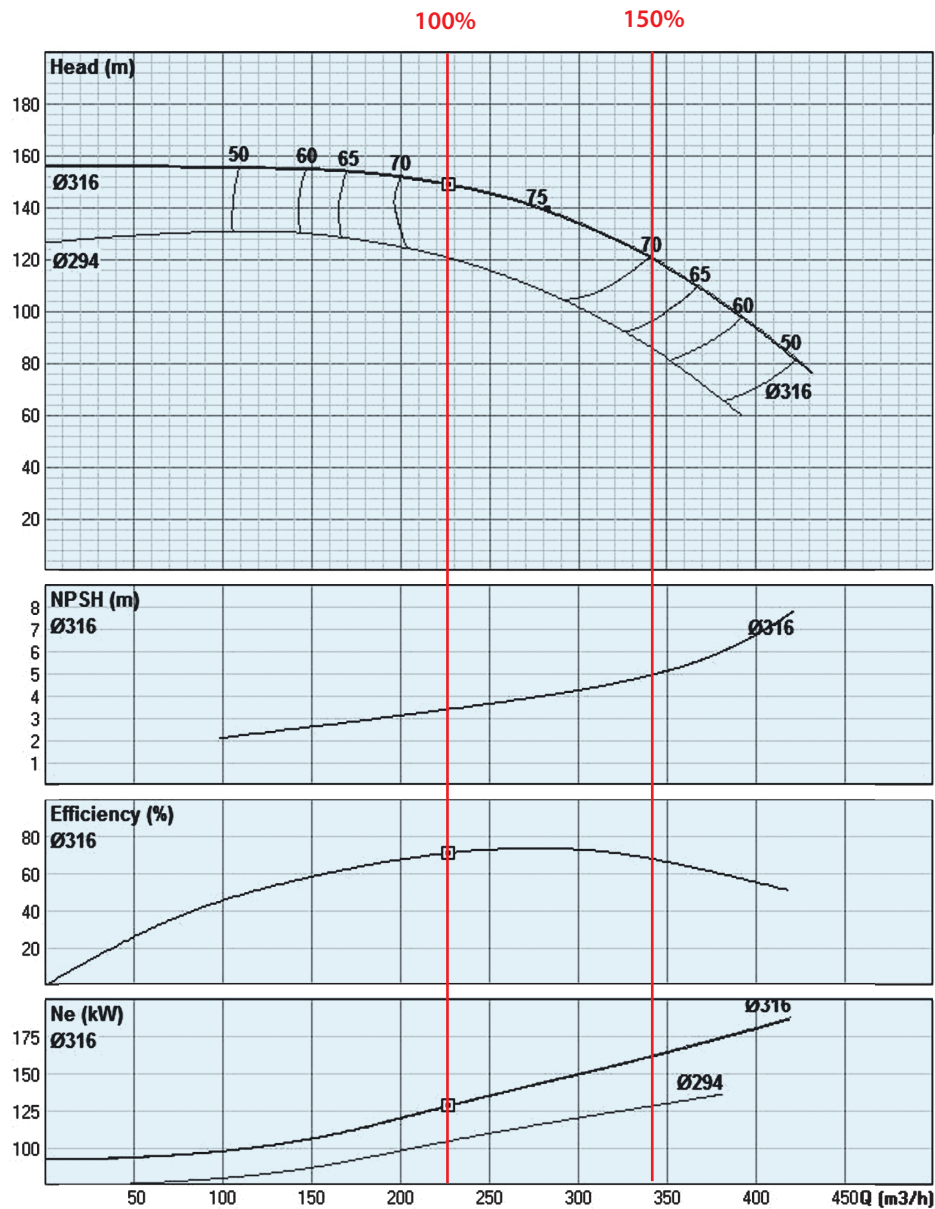
Approved Fire Pump Sets

N 100 / 315 - 1000 GPM



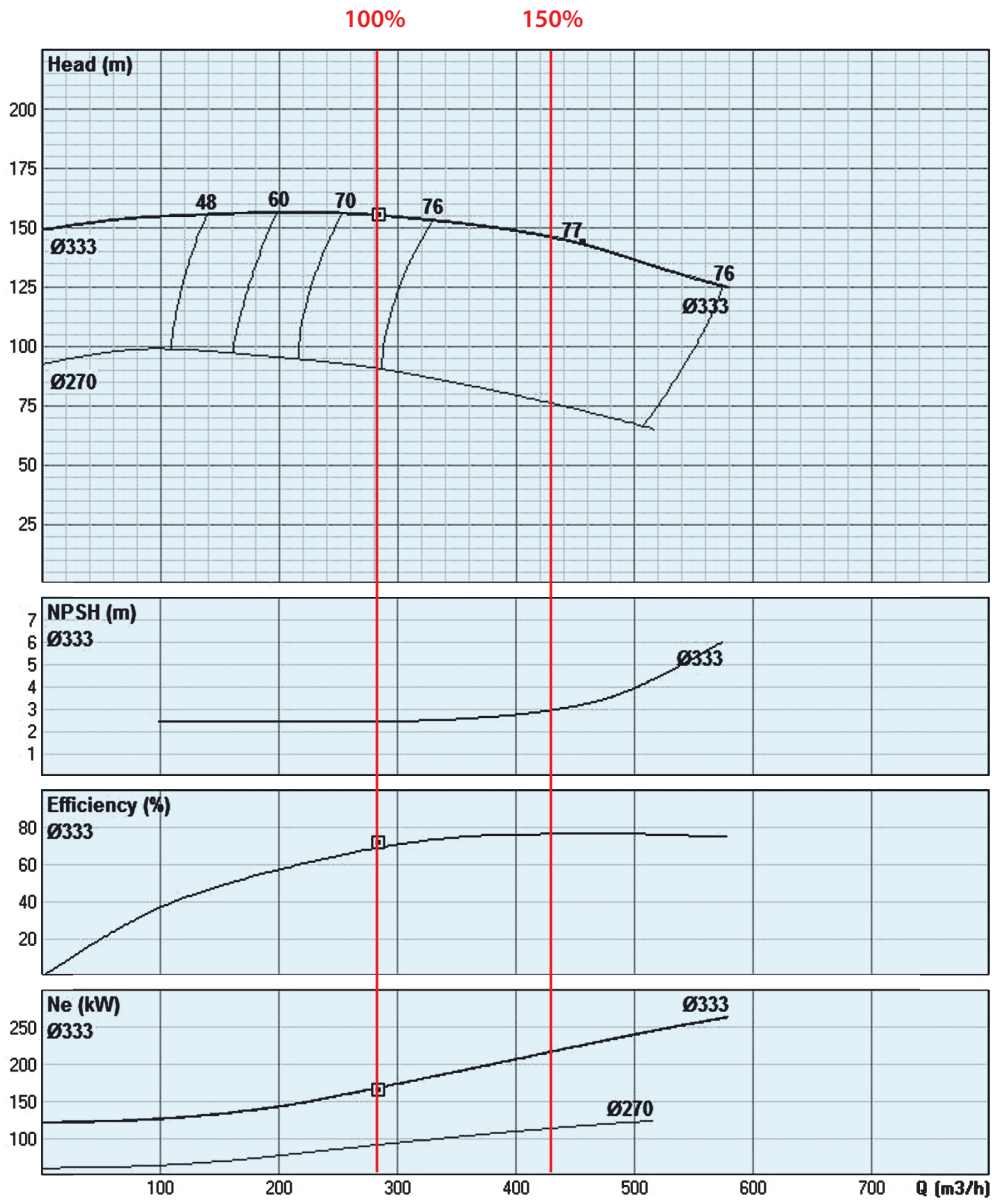
Approved Fire Pump Sets

N 100 / 330 - 1000 GPM



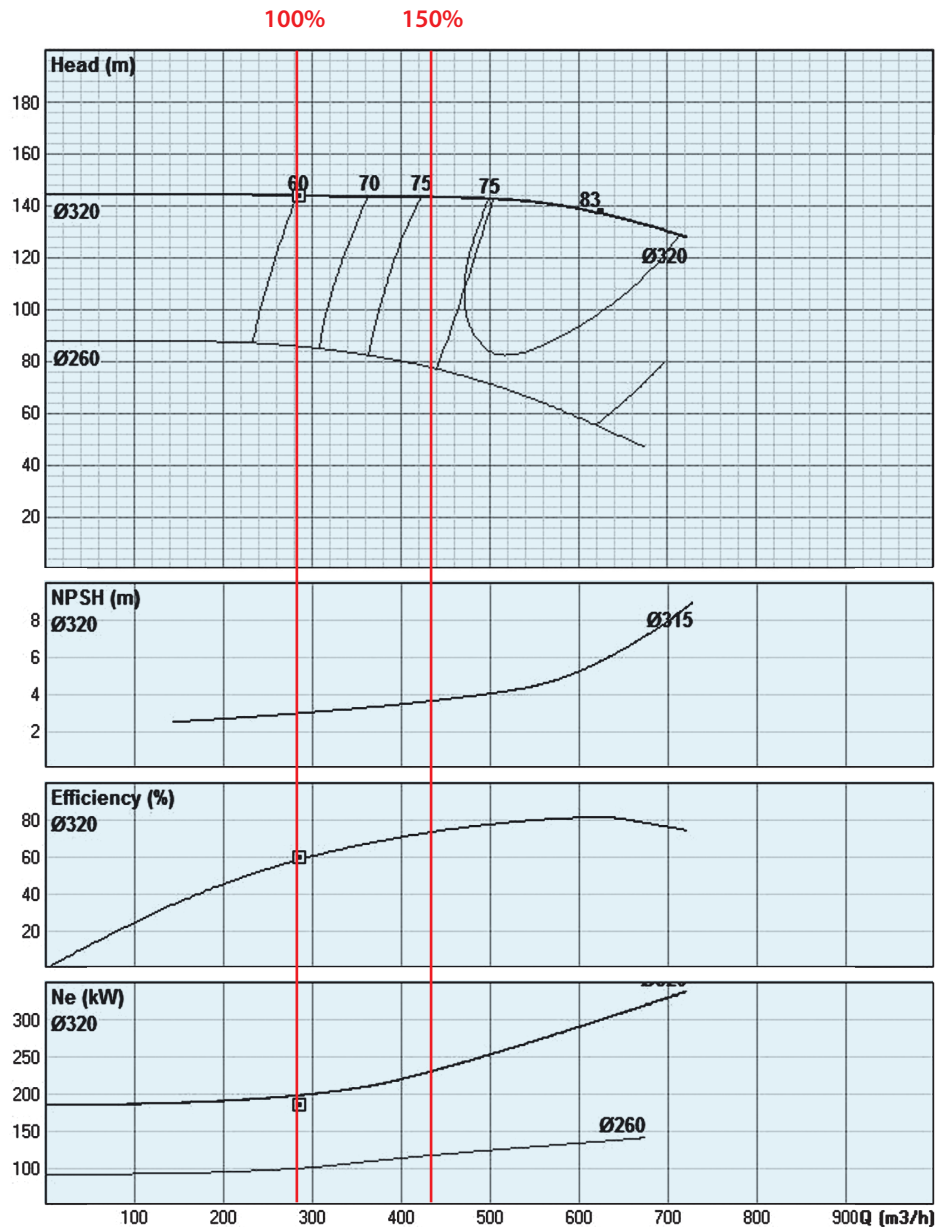
Approved Fire Pump Sets

N 125 / 315 - 1250 GPM



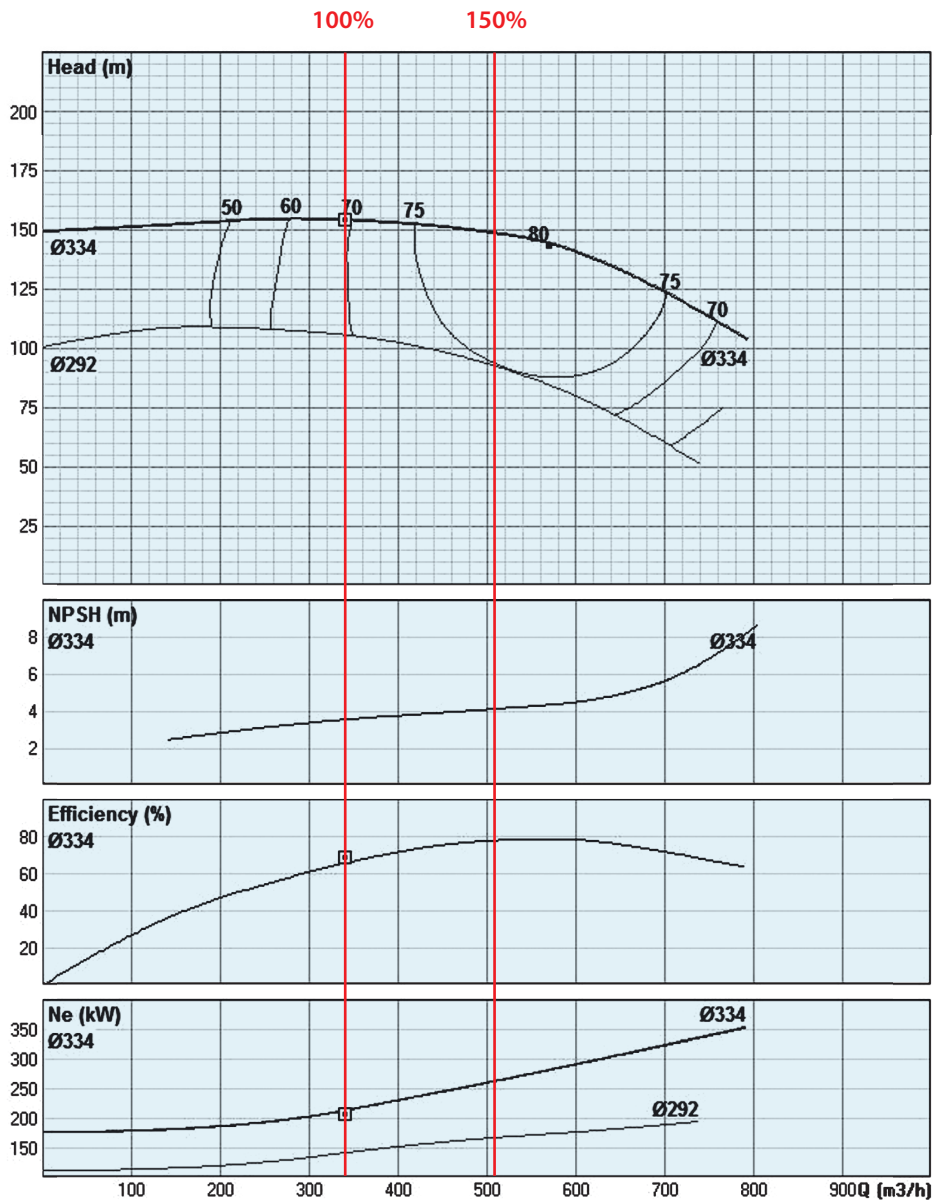
Approved Fire Pump Sets

N 150 / 315 - 1250 GPM



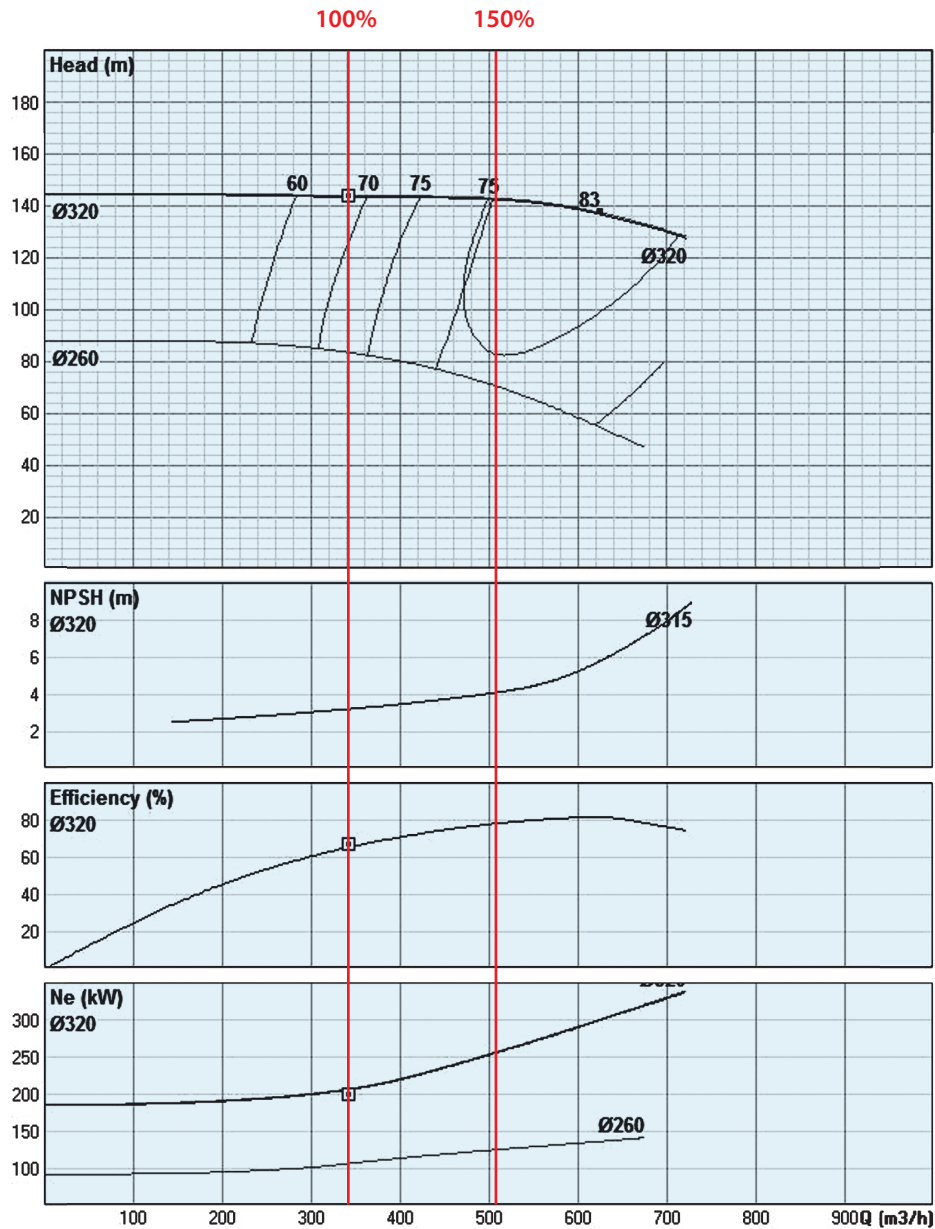
Approved Fire Pump Sets

N 125 / 330 - 1500 GPM



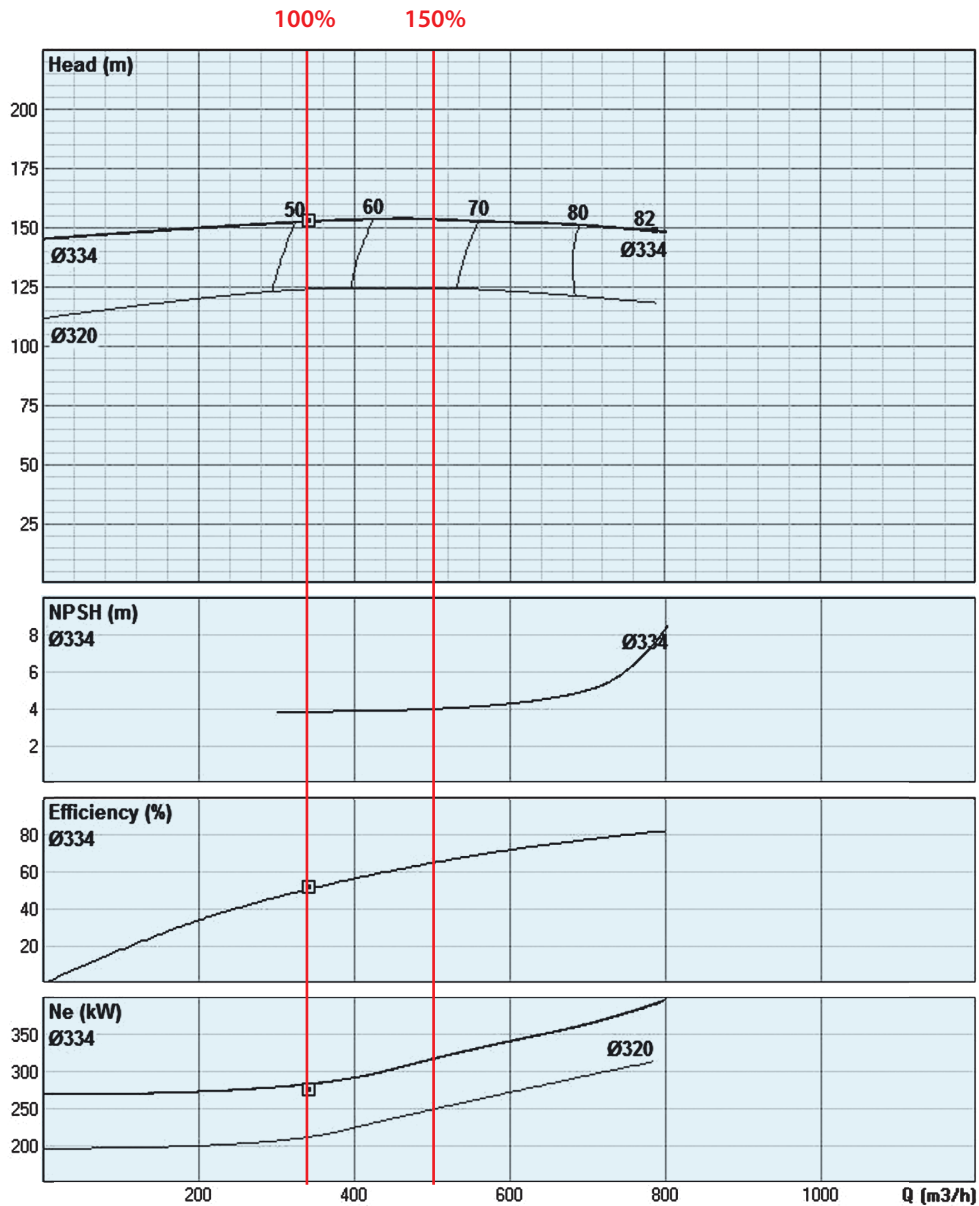
Approved Fire Pump Sets

N 150 / 315 - 1500 GPM



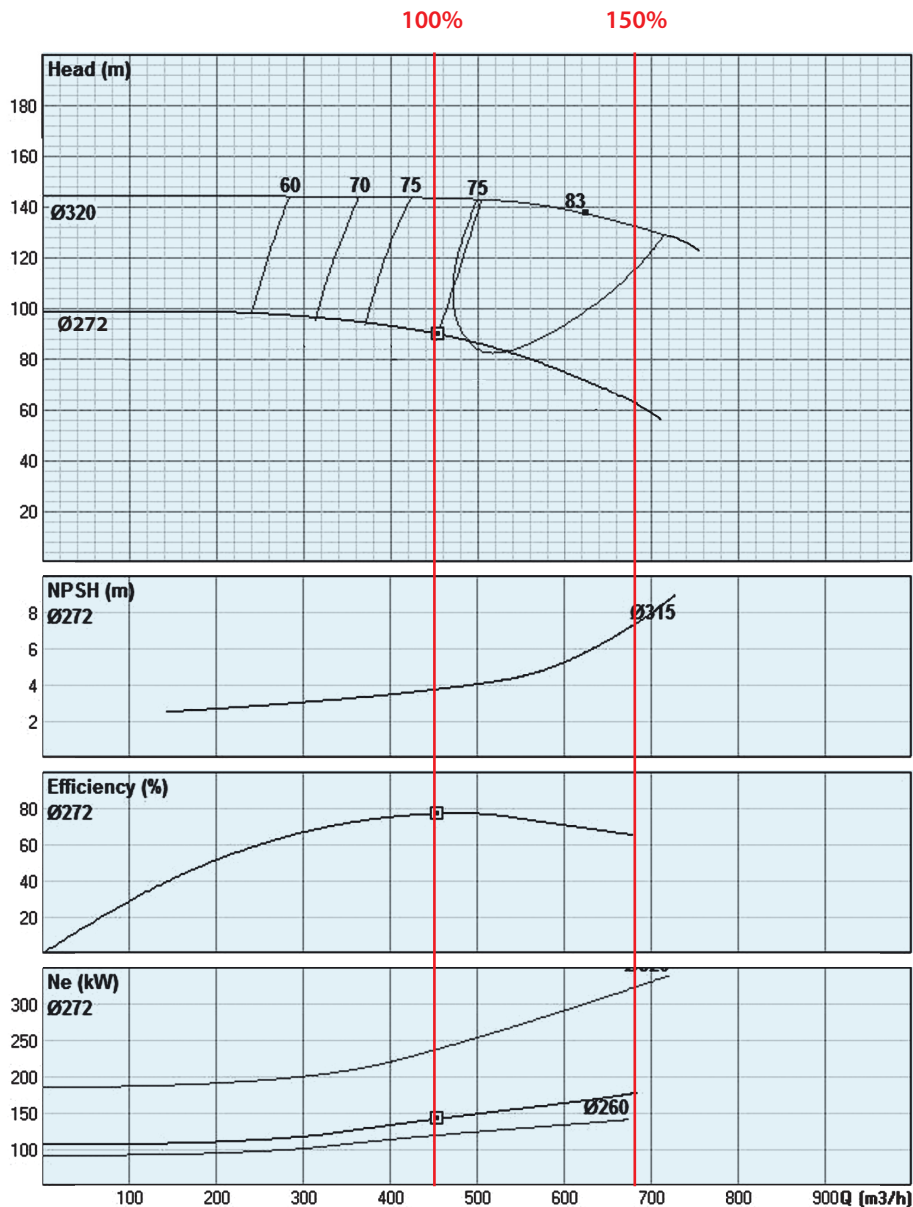
Approved Fire Pump Sets

N 150 / 330 - 1500 GPM



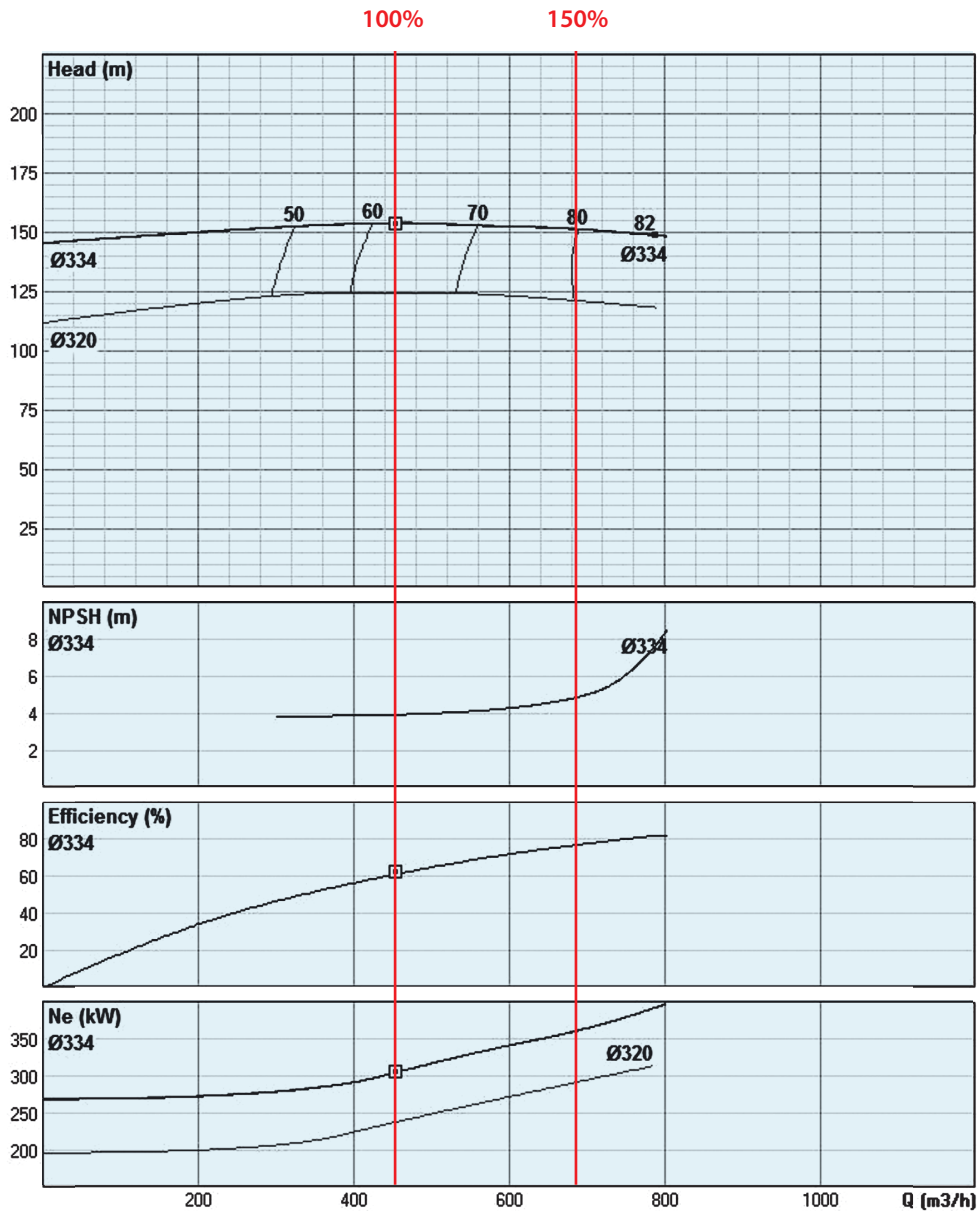
Approved Fire Pump Sets

N 150 / 315 - 2000 GPM



Approved Fire Pump Sets

N 150 / 330 - 2000 GPM



Pump Model	ABb	ABe	A	F	H1	H2	M1	M2	N1	N2	k1	ØS1	De1	De2	Dg1	Dg2	k2	ØS2	ØBD	ØBK	Hole Piece x Ø	Bb	ØED	ØEK	Hole Piece x Ø	Eb	Ød	k	g
N 32/250-UL	32	50	100	470	180	225	125	95	320	250	18	12	130	100	65	29	6	14	117	89	4 x Ø16	13	152,4	120	4 x Ø20	16	32	10	35
N 50/260-UL	80	50	125	360	180	225	125	95	320	250	18	14	110	80	50	24	6	14	152,4	120	4 x Ø20	16	190,5	152,4	4 x Ø20	20	24	8	27
N 65/260-UL	65	100	125	470	200	250	160	120	360	280	18	18	150	100	65	35	6	14	177,8	140	4 x Ø20	20	228,6	190,5	8 x Ø20	22	32	10	35
N 80/250-UL	80	125	125	500	225	280	160	120	400	315	17	18	150	100	65	35	6	14	190,5	152	4 x Ø20	22	254	215,9	8 x Ø20	24	32	10	35
N 80/315-UL	80	100	125	525	250	315	160	120	400	315	19	18	150	100	65	29	6	14	210	169	8 x Ø22	29	228,6	190,5	8 x Ø20	24	42	12	45
N 100/250-UL	100	125	140	530	225	280	160	120	400	31	20	18	150	100	65	29	6	14	228,6	191	8 x Ø20	24	254	215,9	8 x Ø22	24	38	10	41
N 100/315-UL	100	125	140	530	250	315	160	120	400	315	18	18	150	100	65	29	6	14	254	200	8 x Ø22	32	255	216	8 x Ø22	24	38	10	41
N 100/330-UL	100	150	140	530	250	315	160	120	400	315	18	18	150	100	65	29	6	14	254	200	8 x Ø22	32	279,4	241,3	8 x Ø22	25	38	10	51,5
N 125/315-UL	125	150	140	580	280	355	200	150	500	400	24	23	150	100	65	29	6	14	279,4	235	8 x Ø22	35	279	241,3	8 x Ø22	25	48	14	51,5
N 125/330-UL	125	200	160	580	280	355	200	150	500	400	24	23	150	100	65	29	6	14	279,4	235	8 x Ø22	35	343	298,5	8 x Ø22	26	48	14	51,5
N 150/315-UL	150	200	160	580	280	400	200	150	550	450	24	23	150	100	65	29	6	14	317,5	270	12 x Ø22	37	343	298,5	8 x Ø22	26	48	14	51,5
N 150/330-UL	150	215	160	595	315	400	200	150	550	450	24	23	200	150	85	42	8	23	317,5	270	12 x Ø22	37	343	298,5	8 x Ø22	26	48	14	51,5

Approved Fire Pump Sets

Material List

End-Suction Pumps

PARTS NO	COMPONENT DESCRIPTION	STANDARD MATERIAL	ALTERNATIVE MATERIAL-1	ALTERNATIVE MATERIAL-2
102	VOLUTE	GGG40	AISI316	DUPLEX
161	STUFFING BOX	GGG40	AISI316	DUPLEX
183	SUPOORT FOOT	SHEET METAL	SHEET METAL	SHEET METAL
210	SHATF	AISI420	AISI420	DUPLEX
230	IMPELLER	AISI316	GCuSn10	DUPLEX
330	BEARING FRAME	GG25	GG25	GG25
360	BEARING COVER	GG25	GG25	GG25
452	GLAND	AISI316	GCuSn10	DUPLEX
458	LANTERN RING	GCuSn10	GCuSn10	DUPLEX
502	WEAR RING	RG5	GCuSn10	DUPLEX
507	WATER THROWER	RUBBER	RUBBER	RUBBER
524.1	SHAFT SLEEVE	AISI316	AISI316	AISI316
591	GUARD PLATE	STEEL	STEEL	STEEL
922	IMPELLER NUT	AISI316	AISI316	AISI316

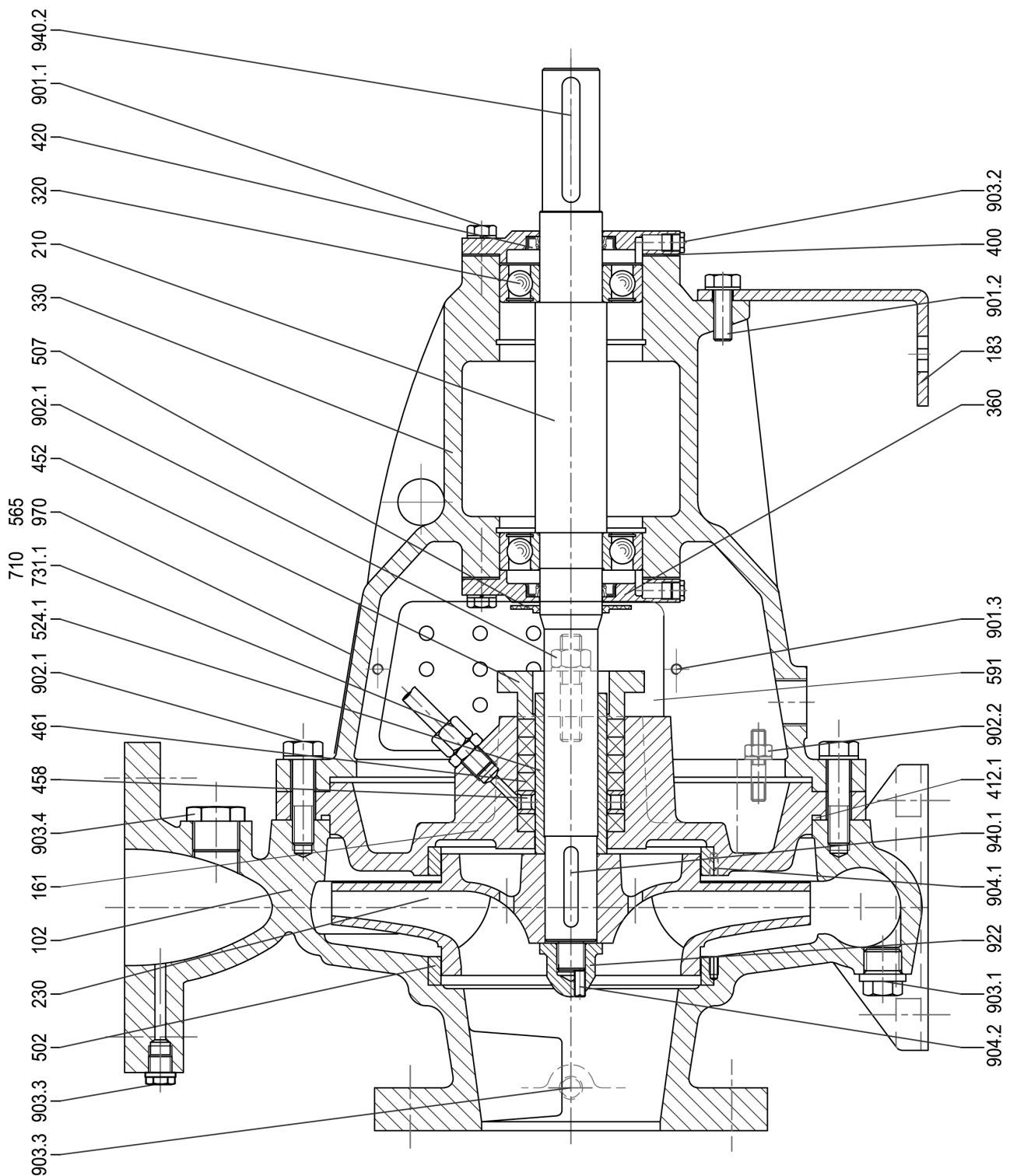
Explanation:

Standard Material: It is the list of standard materials.

Alternative Material-1 and Alternative Material-2: It is the optional material list.

Approved Fire Pump Sets

Sectional Drawing of End-Suction Pumps



Approved Fire Pump Sets

Sectional Drawing of End-Suction Pumps

Part No	Part Name
102	Volute
161	Stuffing Box
183	Support Foot
210	Shaft
230	Impeller
320	Bearing
330	Bearing Frame
360	Bearing Cover
400	Bearing Cover Gasket
412.1	O-Ring
420	Oil Seal
452	Gland
458	Lantern Ring
461	Packing Seal
502	Wear Ring
507	Water Thrower
524.1	Shaft Sleeve
565	Rivet
591	Guard Plate
636	Grease Nipple
710	Pipe
731.1	Nipple
731.2	Elbow
901.1	Bolt
901.2	Bolt
901.3	Bolt
901.4	Bolt
902.1	Stud
902.2	Stud
904.1	Plug
903.1	Plug
903.2	Plug
903.3	Plug
903.4	Plug
904.1	Setscrew
904.2	Setscrew
940.1	Key
940.2	Key
970	Pump Label

Approved Fire Pump Sets

SPLIT-CASE PUMPS - 3000 RPM

Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%) (kw)	P2 (150 %) (kw)	Shut-Off (m)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm						
SCP 100-250	6"	4"	500	113,5	7,7	112	78,6	51,15	54,67	79,88	55	JU4H-UF24	62
					8	116	81,6	52,74	57,33	82,74	75	JU4H-UF24	62
					8,5	123	86,7	55,67	61,33	87,37	75	JU4H-UF24	62
					9	131	91,8	58,82	65,33	92,50	75	JU4H-UF34	86
					9,5	138	96,9	62,13	69,33	97,23	75	JU4H-UF34	86
					10	145	102,0	65,68	74,67	102,49	75	JU4H-UF34	86
					10,5	152	107,1	69,49	78,67	107,34	90	JU4H-UF34	86
					11	160	112,2	73,82	84,00	112,22	90	JU4H-UF34	86
					11,5	167	117,3	78,72	89,30	117,03	90	JU4H-UF54	108
SCP 100-250	6"	4"	750	170	7,3	106	74,5	55,97	64,00	79,81	75	JU4H-UF34	86
					7,5	109	76,5	57,33	65,33	81,12	75	JU4H-UF34	86
					8	116	81,6	60,85	70,67	85,72	75	JU4H-UF34	86
					8,5	123	86,7	64,53	74,67	89,94	75	JU4H-UF34	86
					9	131	91,8	68,28	80,00	94,18	90	JU4H-UF34	86
					9,5	138	96,9	72,13	85,30	98,96	90	JU4H-UF34	86
					10	145	102,0	76,07	89,33	103,32	90	JU4H-UF54	108
					10,5	152	107,1	80,14	96,00	107,75	110	JU4H-UF54	108
					11	160	112,2	84,50	101,33	112,24	110	JU4H-UF54	108
SCP 100-250	6"	4"	1000	227	6,75	98	68,9	63,24	73,33	81,23	75	JU4H-UF34	86
					7	102	71,4	65,09	74,67	83,15	75	JU4H-UF34	86
					7,5	109	76,5	68,95	81,33	87,10	90	JU4H-UF34	86
					8	116	81,6	72,88	88,00	91,11	90	JU4H-UF54	108
					8,5	123	86,7	76,92	93,33	95,15	110	JU4H-UF54	108
					9	131	91,8	81,04	98,67	99,25	110	JU4H-UF54	108
					9,5	138	96,9	85,56	105,33	103,36	110	JU4H-UF54	108
					10	145	102,0	90,30	107,80	107,21	110	JU4H-UF54	108
					10,5	152	107,1	95,06	117,33	111,37	132	JU6H-UF34	131
SCP 125-300	8"	5"	1000	227	11	160	112,2	99,92	124,00	115,54	132	JU6H-UF34	131
					11,2	162	114,3	101,92	126,67	117,27	132	JU6H-UF34	131
					7,6	110	77,5	82,87	95,00	90,62	110	JU4H-UF54	108
					8	116	81,6	83,96	97,50	91,34	110	JU4H-UF54	108
					8,5	123	86,7	89,19	105,00	95,82	110	JU4H-UF54	108
					9	131	91,8	94,31	107,70	99,47	110	JU4H-UF54	108
					9,5	138	96,9	99,57	117,50	104,20	132	JU6H-UF34	131
					10	145	102,0	105,06	125,00	108,62	132	JU6H-UF34	131
					10,5	152	107,1	111,39	130,40	112,54	132	JU6H-UF34	131
					11	160	112,2	118,42	140,00	117,73	160	JU6H-UF54	161
					11,5	167	117,3	125,94	147,50	121,27	160	JU6H-UF54	161
					12	174	122,4	134,35	157,50	126,14	160	JU6H-UF54	161
					12,5	181	127,5	143,04	165,00	131,36	185	JU6H-UF84	205
					13	189	132,6	152,51	175,00	135,69	185	JU6H-UF84	205
					13,1	190	133,6	154,48	177,50	136,06	185	JU6H-UF84	205

Approved Fire Pump Sets

SPLIT-CASE PUMPS - 1500 RPM

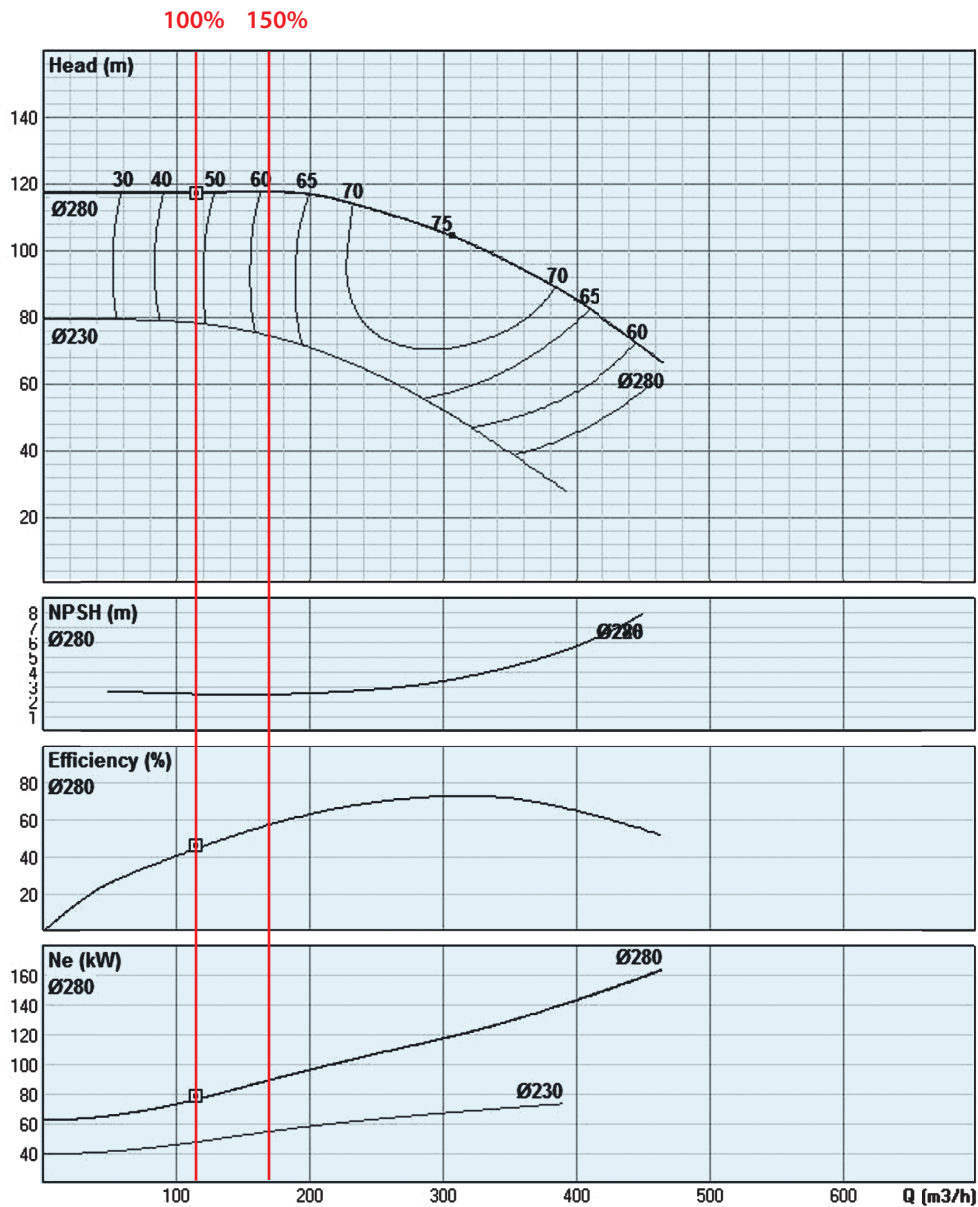
Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%) (kw)	P2 (150 %) (kw)	Shut-Off (m)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm						
SCP 125-300	8"	5"	1250	284	7,4	107	75,5	92,30	100,00	90,50	110	JU4H-UF54	108
					7,5	109	76,5	92,35	101,00	90,82	110	JU4H-UF54	108
					8	116	81,6	97,96	109,70	94,71	110	JU6H-UF34	131
					8,5	123	86,7	103,73	117,50	98,61	132	JU6H-UF34	131
					9	131	91,8	109,63	125,00	102,41	132	JU6H-UF34	131
					9,5	138	96,9	115,61	130,20	106,62	132	JU6H-UF34	131
					10	145	102,0	121,75	140,00	110,62	160	JU6H-UF54	161
					10,5	152	107,1	128,12	147,50	115,00	160	JU6H-UF54	161
					11	160	112,2	134,76	155,00	119,00	160	JU6H-UF54	161
					11,5	167	117,3	141,79	165,00	123,33	185	JU6H-UF84	205
					12	174	122,4	149,59	175,00	128,02	185	JU6H-UF84	205
					12,5	181	127,5	157,84	184,00	132,09	185	JU6H-UF84	205
SCP 125-300	8"	5"	1500	341	13	189	132,6	166,69	195,00	136,39	200	JU6H-UF84	205
					6,95	101	70,9	98,29	102,50	90,84	110	JU4H-UF54	108
					7	102	71,4	98,77	103,00	91,15	110	JU4H-UF54	108
					7,5	109	76,5	104,61	115,00	94,54	132	JU6H-UF34	131
					8	116	81,6	110,40	122,50	98,01	132	JU6H-UF34	131
					8,5	123	86,7	116,26	130,50	101,91	132	JU6H-UF34	131
					9	131	91,8	122,30	140,00	105,40	160	JU6H-UF54	161
					9,5	138	96,9	128,68	150,00	109,25	160	JU6H-UF54	161
					10	145	102,0	135,55	157,50	113,52	160	JU6H-UF54	161
					10,5	152	107,1	142,78	167,50	117,64	185	JU6H-UF84	205
					11	160	112,2	150,15	175,00	121,50	185	JU6H-UF84	205
					11,5	167	117,3	157,66	183,50	125,70	185	JU6H-UF84	205
					12	174	122,4	165,55	197,50	130,25	200	JU6H-UF84	205
					12,5	181	127,5	174,44	210,00	134,38	225	contact us	
					12,75	185	130,1	179,28	217,50	136,56	225	contact us	
SCP4 150/630	10"	6"	2000	454	8,55	124	87,2	142,21	173,33	84,81	185	DP6H-UFKAX8	179
					9	131	91,8	149,46	178,40	87,44	185	DP6H-UFKAX8	179
					9,5	138	96,9	157,60	193,33	92,17	200	DQ6H-UFKA98	224
					10	145	102,0	165,91	199,30	95,96	200	DQ6H-UFKA98	224
					10,5	152	107,1	174,34	213,33	99,83	250	DQ6H-UFKA98	224
					11	160	112,2	182,89	223,33	103,82	250	DQ6H-UFKA98	224
					11,5	167	117,3	191,49	233,33	106,82	250	DR8H-UFKA40	287
					12	174	122,4	200,16	246,67	111,07	250	DR8H-UFKA40	287
					12,5	181	127,5	209,01	256,67	115,51	315	DR8H-UFKA40	287
					13	189	132,6	217,79	270,00	118,90	315	DR8H-UFKA40	287
					13,5	196	137,7	226,92	280,00	122,42	315	DR8H-UFKA40	287
					14	203	142,8	236,32	293,33	127,48	315	DR8H-UFKA5G	336
					14,5	210	147,9	245,73	306,67	131,29	315	DR8H-UFKA5G	336
					15	218	153,0	255,54	317,40	135,17	355	DR8H-UFKA5G	336
					15,3	222	156,1	261,53	326,67	137,27	355	DR8H-UFKA5G	336

Approved Fire Pump Sets

Pump	Suction	Discharge	Rated Flow		Rated Pressure			P2 (100%) (kw)	P2 (150 %) (kw)	Shut-Off (m)	Electric Motor (kw)	Diesel Engine Model	Diesel Engine (kw)
			GPM	m³/h	BAR	PSI	Hm						
SCP4 150/630F	10"	6"	2000	454	13,45	195	137,2	267,45	333,10	138,53	355	DR8H-UFKA5G	336
					13,5	196	137,7	268,44	333,30	138,58	355	DR8H-UFKA5G	336
					14	203	142,8	278,76	343,36	143,25	355	DS0H-UFKA68	389,5
					14,5	210	147,9	289,93	354,70	148,19	355	DS0H-UFKA68	389,5
					14,7	213	150,0	294,85	360,00	149,95	400	DS0H-UFKA68	389,5
SCP4 150/630F	10"	6"	2500	568	12,95	188	132,1	289,96	363,34	133,87	400	DS0H-UFKA68	389,5
					13	189	132,6	291,00	366,67	135,37	400	DS0H-UFKA68	389,5
					13,5	196	137,7	301,82	380,00	139,24	400	DS0H-UFKA68	389,5
					14	203	142,8	313,00	388,40	144,95	400	DS0H-UFKA68	389,5
					14,5	210	147,9	324,56	399,40	149,53	400	DT2H-UFKA58	522
SCP4 150/630F	10"	6"	3000	681	14,55	211	148,4	325,72	410,00	151,29	450	DT2H-UFKA58	522
					12,55	182	128,0	315,89	399,20	132,75	400	DT2H-UFKA58	522
					13	189	132,6	326,92	413,33	136,78	450	DT2H-UFKA58	522
					13,5	196	137,7	339,48	430,00	142,88	450	DT2H-UFKA58	522
					14	203	142,8	352,35	446,67	147,58	450	DT2H-UFKA58	522
					14,5	210	147,9	365,37	460,00	152,42	500	DT2H-UFKA58	522
					14,7	213	150,0	370,72	466,67	153,46	500	DT2H-UFKA58	522

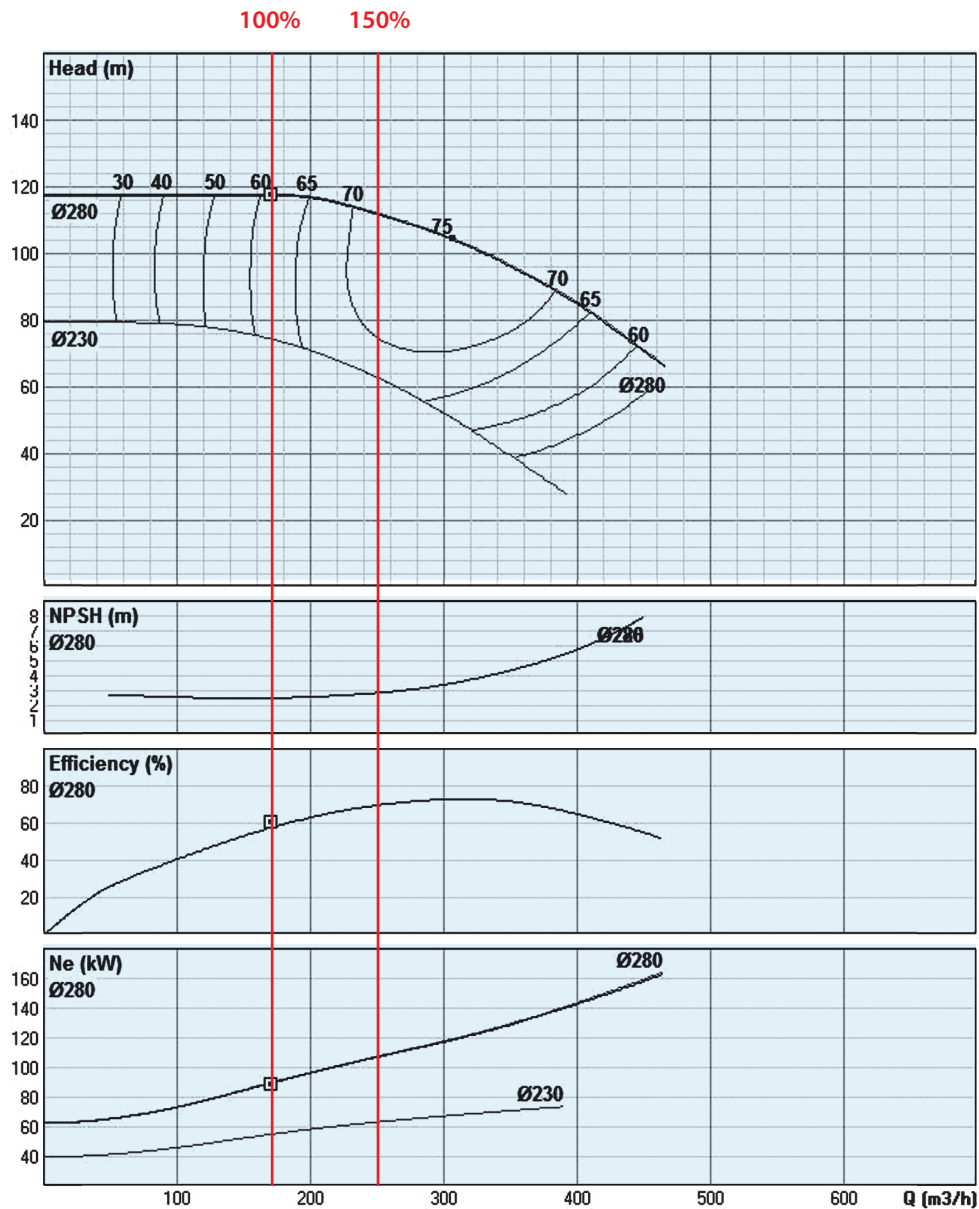
Approved Fire Pump Sets

SCP 100 / 250 - 500 GPM



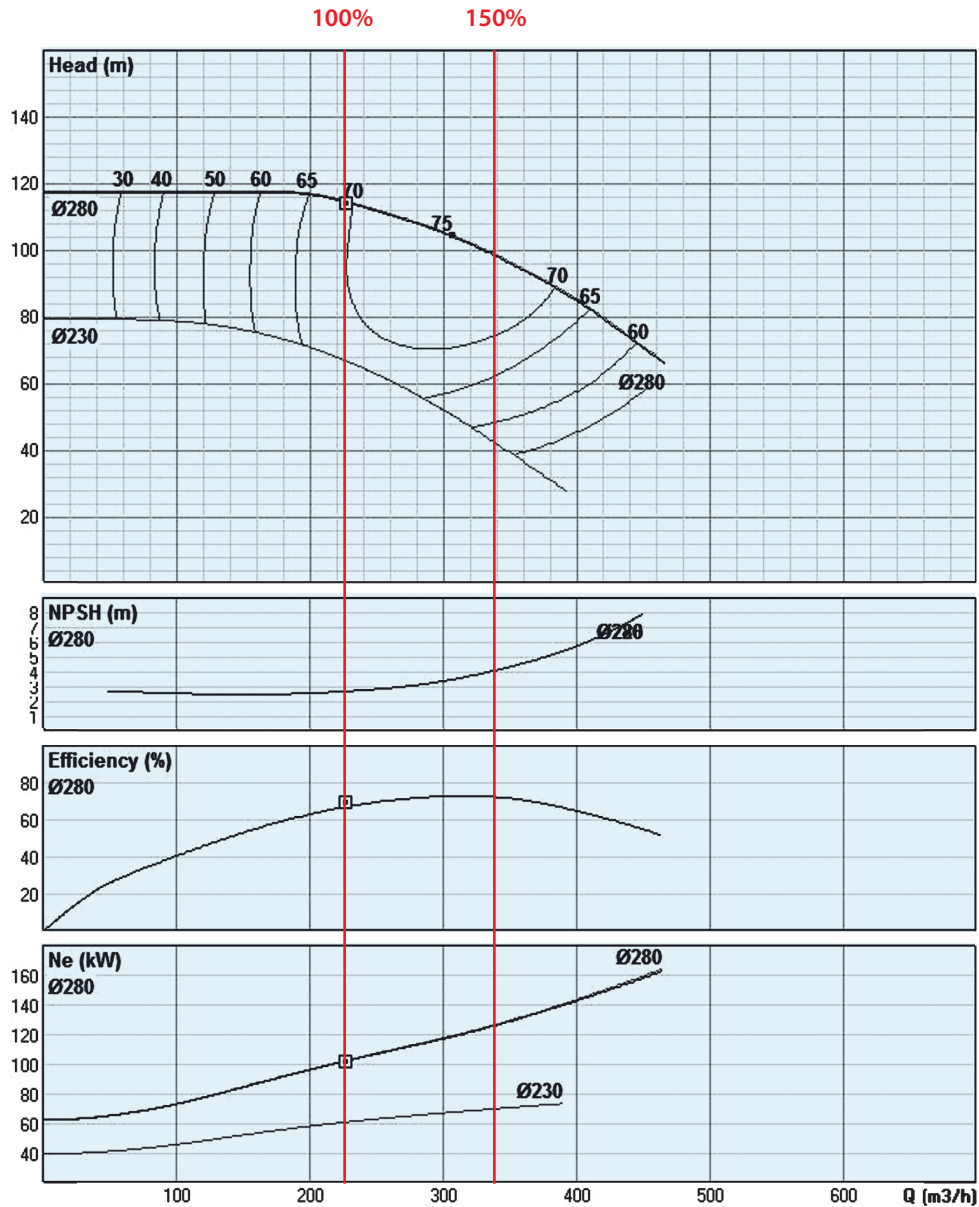
Approved Fire Pump Sets

SCP 100 / 250 - 750 GPM



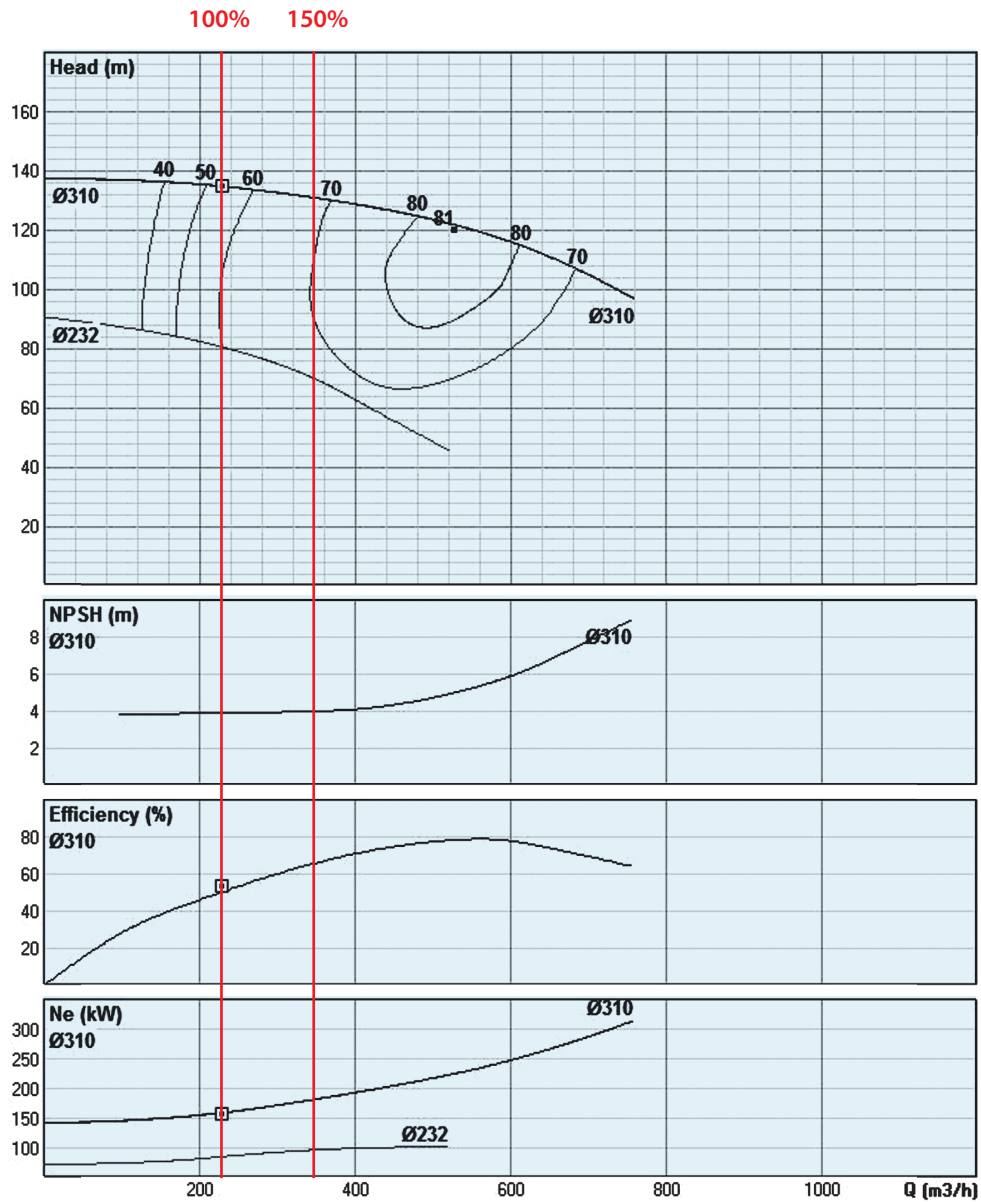
Approved Fire Pump Sets

SCP 100 / 250 - 1000 GPM



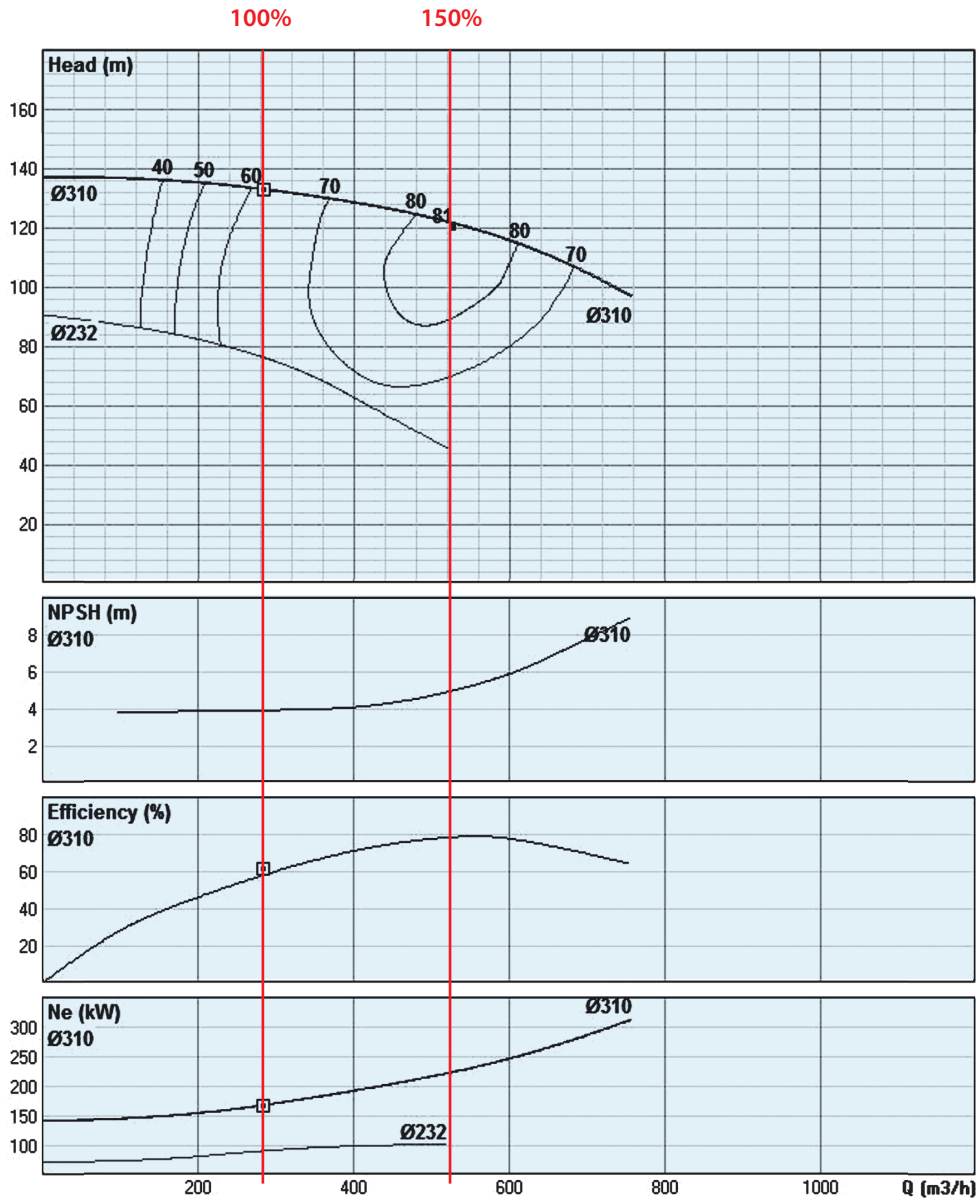
Approved Fire Pump Sets

SCP 125 / 300 - 1000 GPM



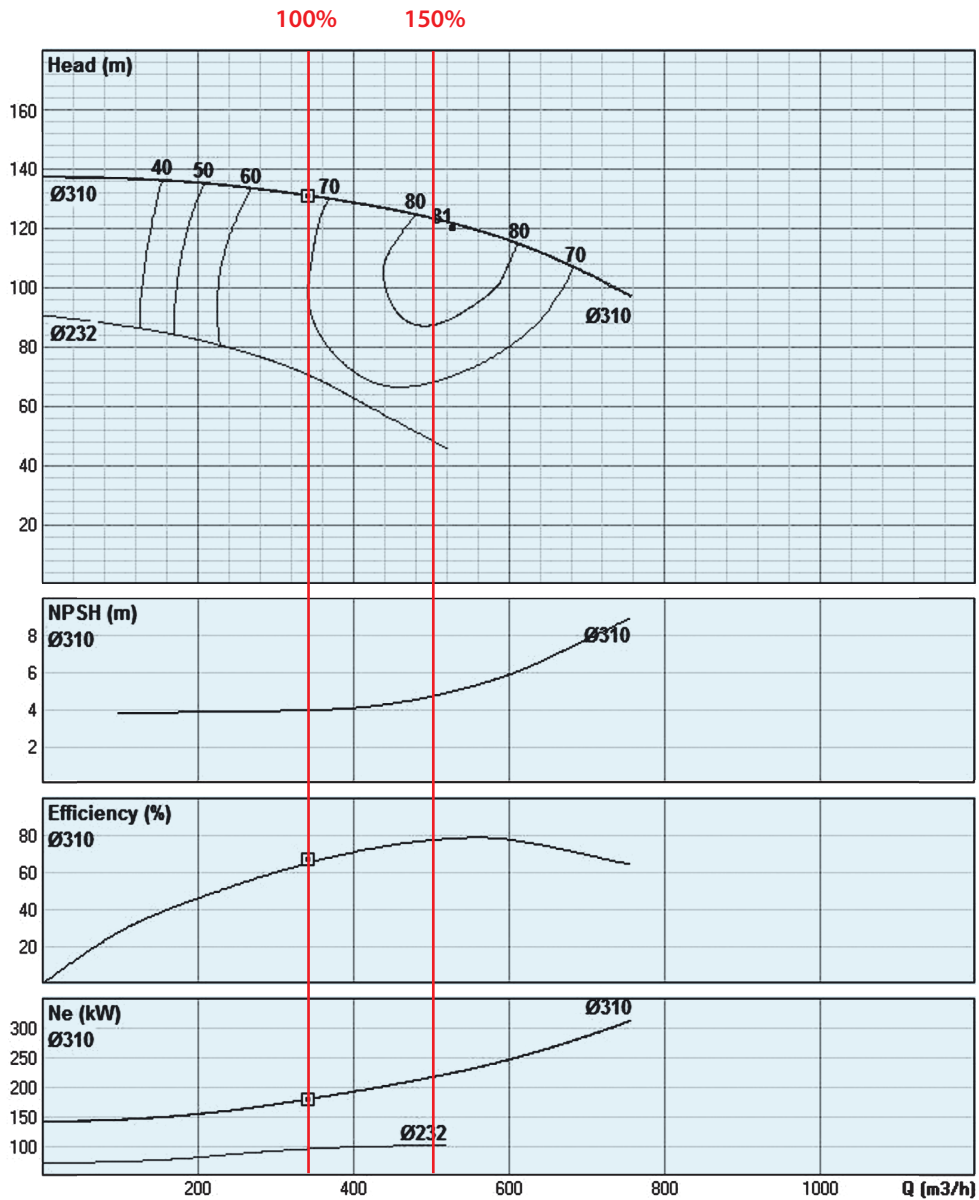
Approved Fire Pump Sets

SCP 125 / 300 - 1250 GPM



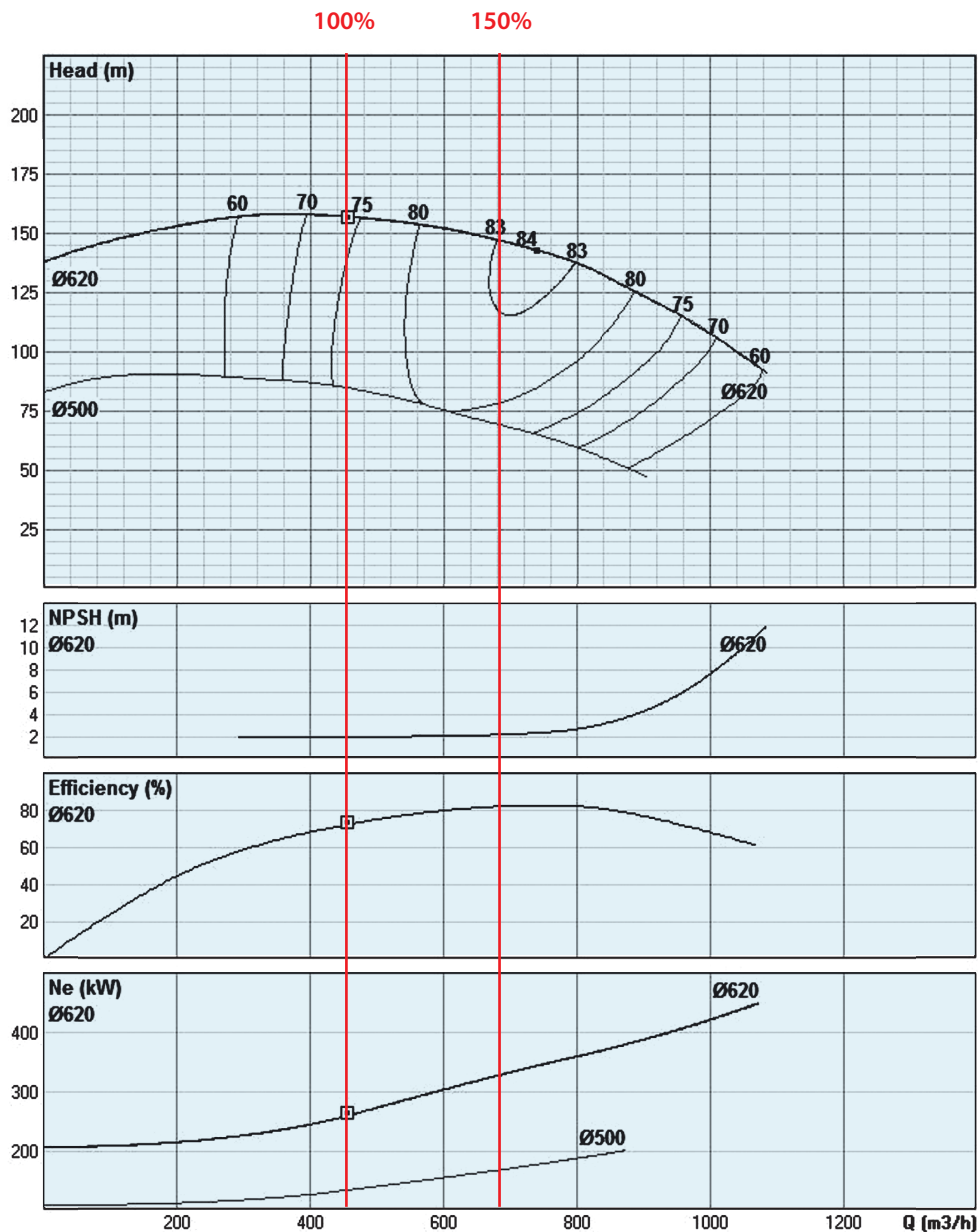
Approved Fire Pump Sets

SCP 125 / 300 - 1500 GPM



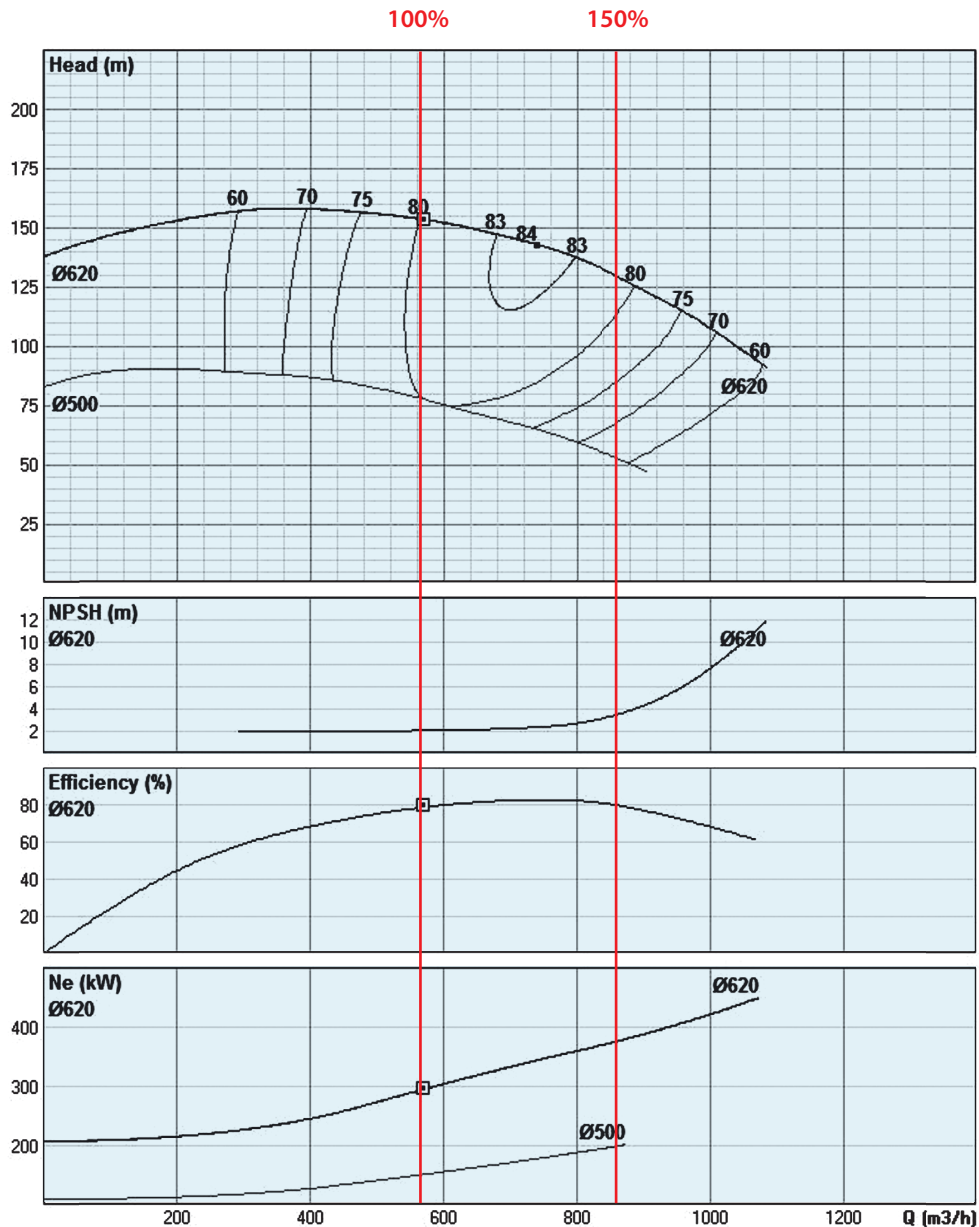
Approved Fire Pump Sets

SCP4 150/ 630 - 2000 GPM



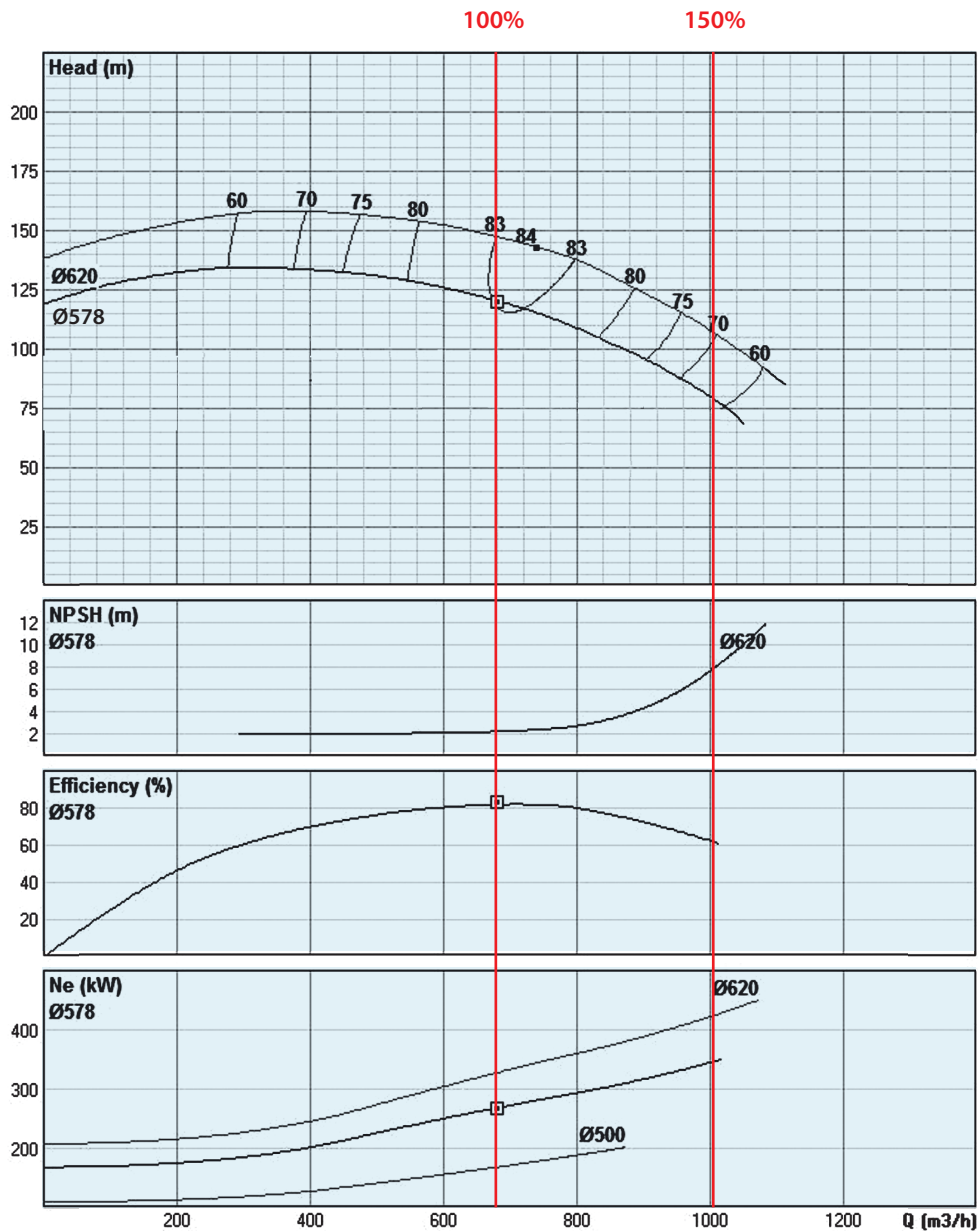
Approved Fire Pump Sets

SCP4 150/ 630 - 2500 GPM



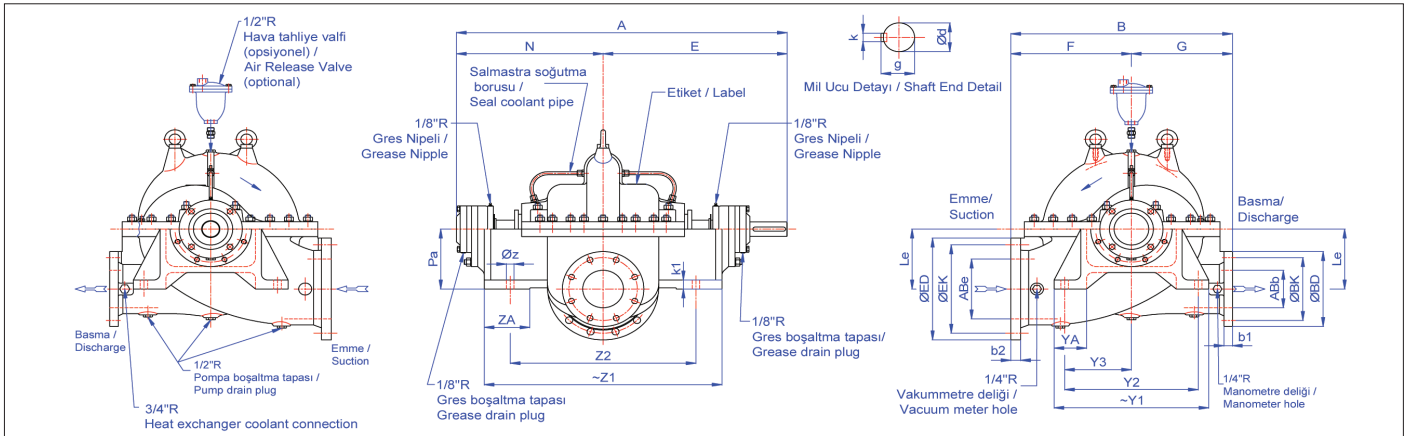
Approved Fire Pump Sets

SCP4 150/ 630F - 3000 GPM



Approved Fire Pump Sets

UL Listed Split-Case Pumps Dimensions Table



Pump Model	ABb	ABe	N	E	A	F	G	B	Pa	Le	Z1	Z2	ZA	Y1	Y2	Y3	YA	k1	Øz	ØBD	ØBK	Hole Piece x Ø	b1	ØED	ØEK	Hole Piece x Ø	b2	Ød	k	g
SCP 100/250-UL	100	150	370	485	855	330	218	548	285	190	325	285	-	325	225	150	95	16	23	279.4	234.95	8 x Ø22	26	342.9	298.45	8 x Ø22	30	42	12	45
SCP 125/300-UL	125	200	450	565	1015	370	310	680	200	200	730	570	140	475	410	205	100	30	23	279.4	234.95	8 x Ø22	26	342.9	294.45	8 x Ø22	30	48	14	51.5
SCP4 150/630-UL	150	250	555	705	1260	600	450	1050	245	350	864	710	170	500	420	210	115	35	28	318	270	12 x Ø22	37	406.4	362	12 x Ø26	30	62	18	66
SCP4 150/630F-UL	150	250	555	705	1260	600	450	1050	245	350	864	710	170	500	420	210	115	35	28	318	270	12 x Ø22	37	406.4	362	12 x Ø26	30	65	18	69

Material List

Split-Case Pumps

PARTS NO	COMPONENT DESCRIPTION	STANDARD MATERIAL	ALTERNATIVE MATERIAL-1	ALTERNATIVE MATERIAL-2
102.1	CASING	GGG40	GGG40	DUPLEX
102.2	COVER	GGG40	GGG40	DUPLEX
210	SHAFT	AISI420	AISI420	DUPLEX
225.1	BEARING RING INTERNAL	GG25	GG25	GG25
225.2	BEARING RING EXTERNAL	GG25	GG25	GG25
234	IMPELLER	AISI316	GCuSn10	DUPLEX
340.1	BEARING HOUSING	GGG40	GGG40	GG25
360.1	BEARING COVER-MOTOR SIDE	GG25	GG25	GG25
360.2	BEARING COVER-CLOSED SIDE	GG25	GG25	GG25
360.3	BEARING COVER-INSIDE	GG25	GG25	GG25
452	GLAND	AISI316	GCuSn10	DUPLEX
458	LANTERN RING	GCuSn10	GCuSn10	DUPLEX
502	WEAR RING	RG5	GCuSn10	DUPLEX
507	WATER THROWER	RUBBER	RUBBER	RUBBER
526	SHAFT SLEEVE	AISI316	AISI316	AISI316
542	STUFFING BOX BUSHING	GGG40	GGG40	DUPLEX
260	CENTERING TAPER PIN	AISI304	AISI304	AISI304
591	GUARD PLATE	STEEL	STEEL	STEEL

Explanation:

Standard Material : It is the standart materials.

Alternative Material-1 and Alternative Material-2: It is the optional material list.

Approved Fire Pump Sets

Sectional Drawing of Split-Case Pumps

Part No	Part Name
102.1	Casing
102.2	Cover
210	Shaft
225.1	Bearing Ring-Inner
225.2	Bearing Ring-External
234	Impeller
320	Bearing
340.1	Bearing Housing
360.1	Bearing Cover-Motor side
360.2	Bearing Cover-Closed side
360.3	Bearing Cover-Inside
400	O-Ring
412.1	Liquid Gasket
412.2	O-Ring
420.1	Oil Seal
420.2	Oil Seal
452	Gland
458	Lantern Ring
461	Packing Seal
502	Wear Ring
507	Water Thrower
526	Shaft Sleeve
542	Stuffing Box Bushing
560	Centering taper pin
565	Rivet
591	Guard Plate
636	Grease Nipple
703	Pipe
730.1	Nipple
743	Globe Valve
900	Lifting Eye
901.1	Bolt
901.2	Bolt
901.3	Bolt
902.1	Stud
902.2	Stud
902.3	Stud
903.1	Plug
903.2	Plug
903.3	Plug
903.4	Plug
921.1	Nut KM
921.2	Nut KM
930.4	Washer MB
940.1	Key
940.2	Key
970	Pump Label

Approved Fire Pump Sets

EBITT, Jockey Pump System



DJ-XVM

EBITT, JOCKEY PUMP SYSTEM

Construction

EBITT-DJ is a DOL starting controlled jockey pump system in EBITT UL fire pump stations.

The jockey pump system is being factory assembled and mounted on a common base plate with vibration isolators complete with pump, motor, DOL starter, pump inlet-outlet valves and check valve, pressure switch, pressure gauge and absorber type of expansion tank with replaceable membrane.

PUMPS

EBITT-XVM Series, vertical, in-line, complete stainless steel centrifugal pumps are equipped with TEFC type of motor with IP55 protection 380V/415V, 50 Hz, IEC standardized type.

- Pump wet ends are completely in AISI304 Stainless steel. Sealing of pump is mechanical type, bi-directional.
- Connections are threaded type.

JOCKEY PUMP CONTROLLER

EBITT Jockey Pumps' controller is listed to UL508 Standard for industrial Controls. The controller contains an externally operable horsepower rated motor circuit protection device, a motor contactor and a door mounted hand-off-auto switch.

Our jockey pump controller includes a pressure switch with independent high and low set points for automatic starting and stopping and has the following features;

- Externally operable motor starter protector
- Motor contactor
- Hand-off-auto selector switch
- Pressure switch
- Control Power transformer
- Minimum run period timer.

Approved Fire Pump Sets

DJ-XVM Jockey Pump Systems for 3000 RPM

Rated Capacity (m ³ /h)	Rated Net Pressure Range (Hm)	System Model	Motor Power (kW)
2,5	65/80	DJ-XVM 3-13/1,1	1,1
2,5	70/85	DJ-XVM 3-15/1,1	1,1
2,5	75/90	DJ-XVM 3-15/1,1	1,1
2,5	80/95	DJ-XVM 3-17/1,5	1,5
2,5	85/100	DJ-XVM 3-17/1,5	1,5
2,5	90/105	DJ-XVM 3-19/1,5	1,5
2,5	95/110	DJ-XVM 3-19/1,5	1,5
2,5	100/115	DJ-XVM 3-21/2,2	2,2
2,5	105/120	DJ-XVM 3-21/2,2	2,2
2,5	110/125	DJ-XVM 3-23/2,2	2,2
2,5	115/130	DJ-XVM 3-23/2,2	2,2
2,5	120/135	DJ-XVM 3-25/2,2	2,2
2,5	125/140	DJ-XVM 3-25/2,2	2,2
2,5	130/145	DJ-XVM 3-27/2,2	2,2
2,5	135/150	DJ-XVM 3-27/2,2	2,2
2,5	140/155	DJ-XVM 3-29/2,2	2,2
2,5	145/160	DJ-XVM 3-29/2,2	2,2
2,5	150/165	DJ-XVM 3-31/3	3
2,5	155/170	DJ-XVM 3-31/3	3
2,5	160/175	DJ-XVM 3-33/3	3
5	65/80	DJ-XVM 5-13/2,2	2,2
5	70/85	DJ-XVM 5-14/2,2	2,2
5	75/90	DJ-XVM 5-15/2,2	2,2
5	80/95	DJ-XVM 5-15/2,2	2,2
5	85/100	DJ-XVM 5-16/2,2	2,2
5	90/105	DJ-XVM 5-18/3	3
5	95/110	DJ-XVM 5-18/3	3
5	100/115	DJ-XVM 5-20/3	3
5	105/120	DJ-XVM 5-20/3	3
5	110/125	DJ-XVM 5-22/4	4
5	115/130	DJ-XVM 5-22/4	4
5	120/135	DJ-XVM 5-24/4	4
5	125/140	DJ-XVM 5-24/4	4
5	130/145	DJ-XVM 5-26/4	4
5	135/150	DJ-XVM 5-26/4	4
5	140/155	DJ-XVM 5-29/4	4
5	145/160	DJ-XVM 5-29/4	4
5	150/165	DJ-XVM 5-29/4	4
5	155/170	DJ-XVM 5-29/4	4
5	160/175	DJ-XVM 5-32/5,5	5,5

Approved Fire Pump Sets

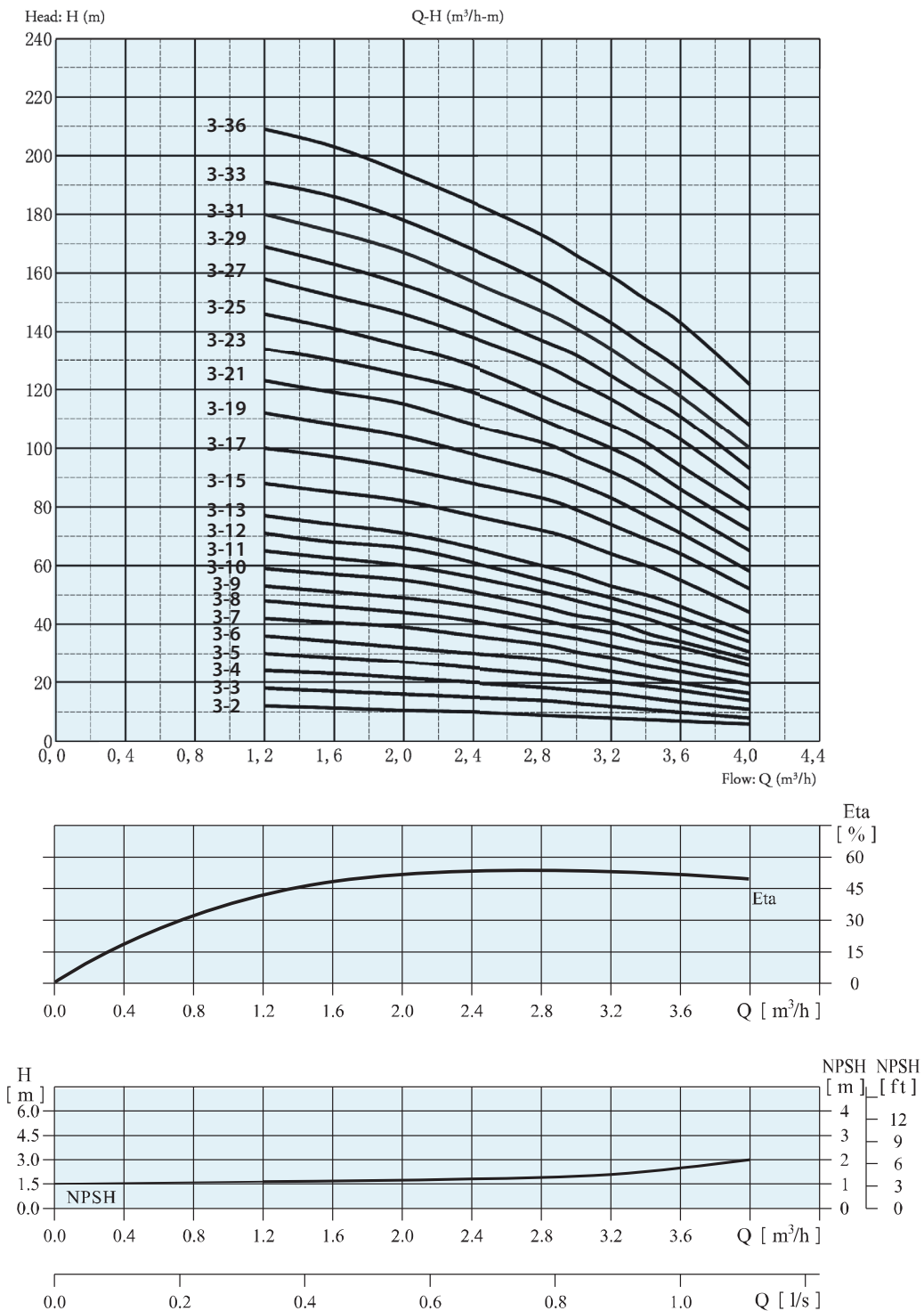
DJ-XVM Jockey Pump Systems for 3000 RPM

10	65/80	DJ-XVM 10-9/3	3
10	70/85	DJ-XVM 10-9/3	3
10	75/90	DJ-XVM 10-10/4	4
10	80/95	DJ-XVM 10-10/4	4
10	85/100	DJ-XVM 10-12/4	4
10	90/105	DJ-XVM 10-12/4	4
10	95/110	DJ-XVM 10-12/4	4
10	100/115	DJ-XVM 10-14/5,5	5,5
10	105/120	DJ-XVM 10-14/5,5	5,5
10	110/125	DJ-XVM 10-14/5,5	5,5
10	115/130	DJ-XVM 10-16/5,5	5,5
10	120/135	DJ-XVM 10-16/5,5	5,5
10	125/140	DJ-XVM 10-16/5,5	5,5
10	130/145	DJ-XVM 10-18/7,5	7,5
10	135/150	DJ-XVM 10-18/7,5	7,5
10	140/155	DJ-XVM 10-18/7,5	7,5
10	145/160	DJ-XVM 10-20/7,5	7,5
10	150/165	DJ-XVM 10-20/7,5	7,5
10	155/170	DJ-XVM 10-20/7,5	7,5
10	160/175	DJ-XVM 10-20/7,5	7,5

Approved Fire Pump Sets

XVM 3

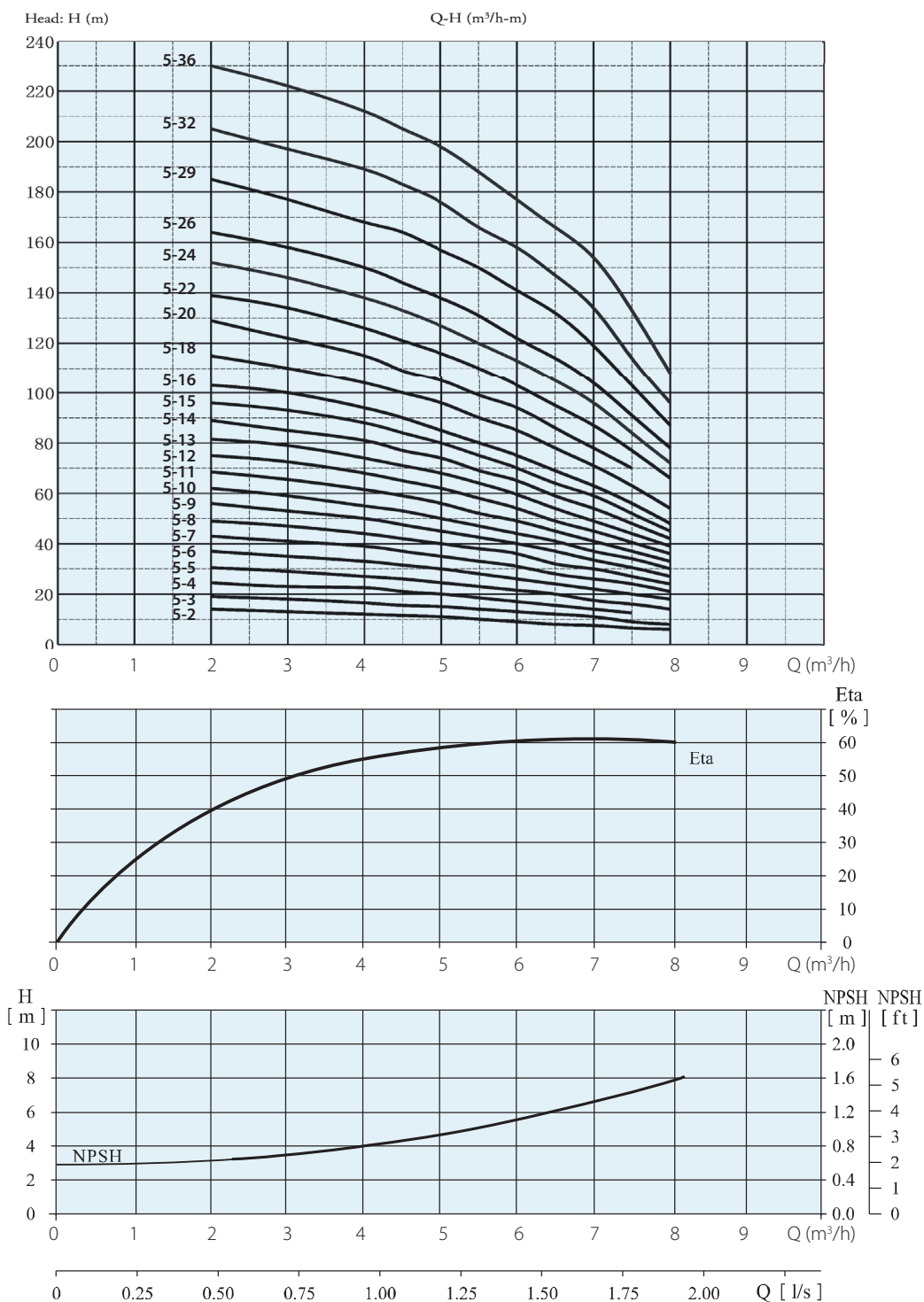
ISO9906 Annex A 2900 rpm



Approved Fire Pump Sets

XVM 5

ISO9906 Annex A 2900rpm



Approved Fire Pump Sets

General Arrangement Drawings for End-Suction Pumps & Split-Case Pumps

