



BOILER FEED PUMPS

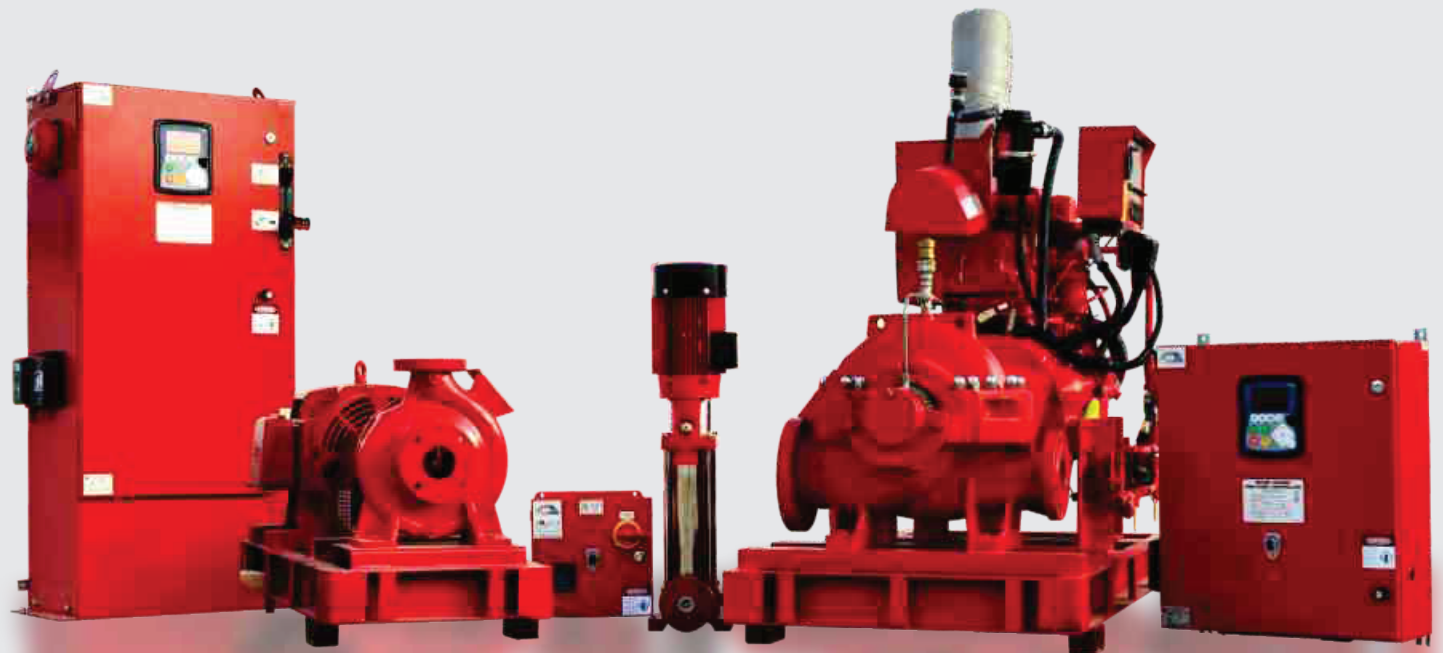


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Shandong Facility

ABOUT FIRE PUMP SINGAPORE (FPS)

FPS, with its 20 years of experience has always been a progressive organization that has remained in the forefront of the Fire Fighting Industry with innovative, unconventional, environmental friendly, re-engineered and unique products.

FPS in its state-of-the-art manufacturing plants in **China** works in close connections with renowned governmental and certification bodies to provide key answers to the challenges faced by the society.

FPS brings together over 2-Decades of expertise and experience in form of **Design, Consultancy, Manufacturing, Supply, Installation, Testing, Commissioning, Maintenance & Refurbishment** of fire protection and fire fighting systems.



FPS CERTIFIED FACILITY FOR FIRE PUMP SYSTEMS

TESTING FACILITY AND ASSEMBLY LINE

FPS has established a fully equipped AS2941 Pump Testing facility with advance testing and calibration devices that enable to accurately inspect and test the operation of each Centrifugal Stationery Fire Pump to the required level of compliance standard as per AS2941.

The Fire Pumps then undergo various processes in our modern well organized manufacturing and assembly line.

Before delivering to our customers, each pump undergoes necessary inspection, tests and production control, during the Assembly process, for which all records are maintained.

PERFORMANCE TESTS

Performance curves are plotted within the FPS AS2941 **Approved Pump Testing Facility** showing the Efficiency, Break-Horsepower(kw), and Total Head developed at shutoff, at rated capacity, at 150%of rated capacity, and at selected intermediate capacities between shutoff and maximum capacities exceeding 150% of rated capacity.



FPS CERTIFIED FACILITY FOR FIRE PUMP SYSTEMS

HYDROSTATIC TEST

Each pump is to be tested hydro-statically for not less than 5 minutes. The test pressure is to be up to 2 times the maximum working pressure of the pump, but in no case less than 250psi (1724 kPa) to ensure no rupture or leakage through the castings at the test pressure.

IMPELLER BALANCING

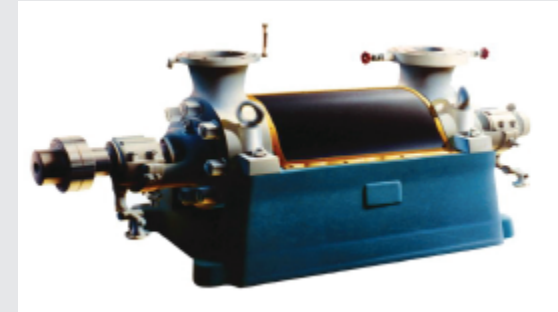
The impellers of each pump shall be dynamically balanced to the G6.3 balance quality grade in accordance with the requirements for pump impellers in the Standard for Mechanical Vibration -Balance Quality.



BOILER FEED PUMPS

DESIGN & OPERATION FEATURES

STARLONE Type FPDG Horizontal Multi-Stage Boiler Feed Pump delivers clear water without solid particles or other liquid which the physical and chemical feature is similar with clear water. It is suitable for boiler feed water or feed water of highpressure boiler. Its flow capacity ranges from 6 to 346 m³/s and head from 102 to 1056 meters. The temperature range of the liquid is from 20 to 150 Degrees Celcius and the inlet pressure of pump is less than 0.6Mpa.



Type FPDG pump is single casing segmental multi-stage centrifugal pump; the main parts of it are stator, rotor, bearing and shaft seal.

Stator parts: It mainly consists of suction stage, mid-stage, discharge stage and diffuser; they are strained through a lever and form a working chamber. The inlet and the outlet are vertical upward.

The combined surface between each stage is sealed through metal surface and also with sealing o-ring as auxiliary seal.

Rotator parts: It mainly consists of shaft, impeller, balance kettle and shaft sleeve. Shaft transfers power to impeller and make it work. The axial force is balanced by balance disc (kettle) and there is rechargeable shaft sleeve in shaft to protect shaft.

Bearing parts: It mainly consists of bearing body, shaft cover and sliding bearing. There are two single centripetal ball bearings in bearing body to prevent balance disc (kettle) from abrasion. The sliding bearing is lubricated by dilute oil, there is cooling chamber in bearing body and the bearing can be cooled with exterior water.

Shaft seal parts: Shaft seal uses soft packing seal. It mainly consists of seal box, packing, packing ring and packing cover. The shaft is sealed, cooled and lubricated by exterior water from seal chamber. The mechanical seal can also be used as requirement and it need be cooled, lubricated and washed by exterior water.

Drive: Pump is directly driven by motor through flexible coupling. View from motor end, the rotating direction of pump is clockwise



BOILER FEED PUMPS

NOMENCLATURE

FPDG 25 - 80 X 10

FP - made in Fire Pump Singapore Pte Ltd

DG - multi-stage boiler feed pump

25 - the capacity is 25m³/h at design point

80 - the single stage head is 80m at design point

10 - the stage number is 10 stages



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG10-40×8	6	1.7	328		15.52			34.5	2.6				
	10	2.8	320	2980	18.96	22	Y180M-2	46	3.3	170	40	40	225
	12	3.3	308		20.56			49	2.9				
FPDG10-40×9	6	1.7	369		17.46			34.5	2.6				
	10	2.8	360	2980	21.33	30	Y200L ₁ -2	46	3.3	170	40	40	245
	12	3.3	346.5		23.13			49	2.9				
FPDG10-40×10	6	1.7	410		19.4			34.5	2.6				
	10	2.8	400	2980	23.7	30	Y200L ₁ -2	46	3.3	170	40	40	265
	12	3.3	385		25.7			49	2.9				
FPDG25-50×3	15	4.1	154.5		14.3			44	2.4				
	25	6.9	150	2980	18.9	30	Y200L ₁ -2	54	2.7	196	80	80	270
	28	7.8	144		20.3			54	2.8				



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

Para. Type	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG25-50×4	15	4.1	206		19.1			44	2.4				
	25	6.9	200	2980	25.2	37	Y200L ₂ -2	54	2.7	196	80	80	295
	28	7.8	192		27.1			54	2.8				
FPDG25-50×5	15	4.1	257.5		23.9			44	2.4				
	25	6.9	250	2980	31.5	37	Y200L ₂ -2	54	2.7	196	80	80	315
	28	7.8	240		33.9			54	2.8				
FPDG25-50×6	15	4.1	309		28.6			44	2.4				
	25	6.9	300	2980	37.8	45	Y225M-2	54	2.7	196	80	80	340
	28	7.8	288		40.7			54	2.8				
FPDG25-50×7	15	4.1	360.5		33.4			44	2.4				
	25	6.9	350	2980	44.1	55	Y250M-2	54	2.7	196	80	80	360
	28	7.8	336		47.5			54	2.8				
FPDG25-50×8	15	4.1	412		38.2			44	2.4				
	25	6.9	400	2980	50.4	75	Y280S-2	54	2.7	196	80	80	385
	28	7.8	384		54.2			54	2.8				



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

Para. Type	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG25-50×9	15	4.1	463.5		43			44	2.4				
	25	6.9	450	2980	56.7	75	Y280S-2	54	2.7	196	80	80	405
	28	7.8	432		61			54	2.8				
FPDG25-50×10	15	4.1	515		47.7			44	2.4				
	25	6.9	500	2980	63	75	Y280S-2	54	2.7	196	80	80	430
	28	7.8	480		67.8			54	2.8				
FPDG25-50×11	15	4.1	566		52.5			44	2.4				
	25	6.9	550	2980	69.3	90	Y280M-2	54	2.7	196	80	80	450
	28	7.8	528		74.6			54	2.8				
FPDG25-50×12	15	4.1	618		57.3			44	2.4				
	25	6.9	600	2980	75.6	110	Y315S-2	54	2.7	196	80	80	475
	28	7.8	576		81.4			54	2.8				
FPDG43-30×3	26	7.2	102		12.0			60	3.0				
	43	11.9	90	2950	15.1	18.5	Y160L—2	70	3.9	160	80	80	150
	48	13.3	83		15.7			69	4.3				



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<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG43-30×4	26	7.2	136	2950	16.0	22	Y180M—2	60	3.0	160	80	80	165
	43	11.9	120		20.1			70	3.9				
	48	13.3	111		21.0			69	4.3				
FPDG43-30×5	26	7.2	170	2950	20.1	30	Y200L ₁ —2	60	3.0	160	80	80	180
	43	11.9	150		25.2			70	3.9				
	48	13.3	139		26.2			69	4.3				
FPDG43-30×6	26	7.2	204	2950	24.1	37	Y200L ₂ —2	60	3.0	160	80	80	195
	43	11.9	180		30.2			70	3.9				
	48	13.3	167		31.4			69	4.3				



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MODELS & SPECIFICATIONS

<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG43-30×7	26	7.2	238		28.1			60	3.0				
	43	11.9	210	2950	35.2	45	Y225M—2	70	3.9	160	80	80	210
	48	13.3	195		36.7			69	4.3				
FPDG43-30×8	26	7.2	272		32.1			60	3.0				
	43	11.9	240	2950	40.2	55	Y250M—2	70	3.9	160	80	80	225
	48	13.3	222		42.0			69	4.3				
FPDG43-30×9	26	7.2	306		36.1			60	3.0				
	43	11.9	270	2950	45.3	55	Y250M—2	70	3.9	160	80	80	240
	48	13.3	250		47.2			69	4.3				
FPDG43-30×10	26	7.2	340		40.1			60	3.0				
	43	11.9	300	2950	50.3	55	Y250M—2	70	3.9	160	80	80	255
	48	13.3	278		53.0			69	4.3				
FPDG45-80×6	36	10	502		98.4			50	3.9				
	45	12.5	480	2980	107	132	Y315M ₁ -2	55	4.0	260	80	80	915
	62	17.2	409		123.3			56	5.5				
FPDG45-80×7	36	10	585.6		114.8			50	3.9				
	45	12.5	560	2980	124.8	160	Y315L ₁ -2	55	4.0	260	80	80	983
	62	17.2	477.2		143.9			56	5.5				



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Para. Type	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG45-80×7	36	10	585.6		114.8			50	3.9				
	45	12.5	560	2980	124.8	160	Y315L1-2	55	4.0	260	80	80	983
	62	17.2	477.2		143.9			56	5.5				
FPDG45-80×8	36	10	669.2		131.2			50	3.9				
	45	12.5	640	2980	142.6	185	Y315M1-2	55	4.0	260	80	80	1051
	62	17.2	545.4		164.4			56	5.5				
FPDG45-80×9	36	10	752.8		147.6			50	3.9				
	45	12.5	720	2980	160.4	200	Y315L2-2	55	4.0	260	80	80	1119
	62	17.2	613.6		186			56	5.5				
FPDG45-80×10	36	10	836.4		164			50	3.9				
	45	12.5	800	2980	178.3	220	Y355M1-2	55	4.0	260	80	80	1187
	62	17.2	681.8		205.3			56	5.5				
FPDG45-80×11	36	10	920		180.4			50	3.9				
	45	12.5	880	2980	196.1	250	Y355M2-2	55	4.0	260	80	80	1255
	62	17.2	750		225.9			56	5.5				
FPDG45-80×12	36	10	1003.6		196.8			50	3.9				
	45	12.5	960	2980	213.9	280	Y355L1-2	55	4.0	260	80	80	1323
	62	17.2	818.2		246.7			56	5.5				
FPDG46-50×3	28	7.8	172.5		24.8			53	2.5				
	46	12.8	150	2980	29.9	37	Y200L2-2	63	2.8	208	80	80	270
	50	13.9	144		31			63.2	3				



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<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG46-50×4	28	7.8	230		33.1			53	2.5				
	46	12.8	200	2980	39.8	55	Y250M-2	63	2.8	208	80	80	295
	50	13.9	192		41.3			63.2	3				
FPDG46-50×5	28	7.8	287.2		41.4			53	2.5				
	46	12.8	250	2980	49.8	75	Y280S-2	63	2.8	208	80	80	315
	50	13.9	240		51.6			63.2	3				
FPDG46-50×6	28	7.8	345		49.6			53	2.5				
	46	12.8	300	2980	56.7	75	Y280S-2	63	2.8	208	80	80	340
	50	13.9	288		61.9			63.2	3				
FPDG46-50×7	28	7.8	402.5		57.9			53	2.5				
	46	12.8	350	2980	69.7	90	Y280M-2	63	2.8	208	80	80	360
	50	13.9	336		72.2			63.2	3				
FPDG46-50×8	28	7.8	460		66.2			53	2.5				
	46	12.8	400	2980	79.6	90	Y280M-2	63	2.8	208	80	80	385
	50	13.9	384		82.6			63.2	3				
FPDG46-50×9	28	7.8	517.5		74.4			53	2.5				
	46	12.8	450	2980	89.6	110	Y315S-2	63	2.8	208	80	80	405
	50	13.9	430		92.9			63.2	3				



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MODELS & SPECIFICATIONS

<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG46-50×10	28	7.8	575		82.7			53	2.5				
	46	12.8	500	2980	99.5	132	Y315M1-2	63	2.8	208	80	80	430
	50	13.9	480		103.5			63.2	3				
FPDG46-50×11	28	7.8	632.5		91			53	2.5				
	46	12.8	550	2980	109	132	Y315M1-2	63	2.8	208	80	80	450
	50	13.9	528		113.5			63.2	3				
FPDG46-50×12	28	7.8	680		99.3			53	2.5				
	46	12.8	600	2980	119.4	160	Y315L1-2	63	2.8	208	80	80	475
	50	13.9	576		123.9			63.2	3				
FPDG78-45×3	46.8	13	145.5		34.7			53.5					
	78	21.67	135	2980	41.58	55	Y250M-2	69	4	195	100	100	242.6
	93.6	26	125.4		45.03			71					
FPDG78-45×4	46.8	13	194		46.2			53.5					
	78	21.67	180	2980	55.44	75	Y280S-2	69	4	195	100	100	267.8
	93.6	26	167.2		60.04			71					
FPDG78-45×5	46.8	13	242.5		57.8			53.5					
	78	21.67	225	2980	69.3	90	Y280M-2	69	4	195	100	100	293
	93.6	26	209		75.05			71					



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH)r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG78-45×6	46.8	13	291		69.3			53.5					
	78	21.67	270	2980	83.16	90	Y280M-2	69	4	195	100	100	318.2
	93.6	26	250.8		90.06			71					
FPDG78-45×7	46.8	13	339.5		80.9			53.5					
	78	21.67	315	2980	97.02	110	Y315S-2	69	4	195	100	100	343.4
	93.6	26	292.5		105.07			71					
FPDG78-45×8	46.8	13	388		92.4			53.5					
	78	21.67	360	2980	110.9	132	Y315M1-2	69	4	195	100	100	368.6
	93.6	26	334.4		120.08			71					
FPDG78-45×9	46.8	13	436.5		103.9			53.5					
	78	21.67	405	2980	124.8	160	Y315M2-2	69	4	195	100	100	393.8
	93.6	26	376.2		135.09			71					
FPDG78-45×10	46.8	13	485		115.5			53.5					
	78	21.67	450	2980	138.6	160	Y315M2-2	69	4	195	100	100	419
	93.6	26	418		150.1			71					
FPDG85-67×3	55	15.3	222		61.5			54	3.3				
	85	23.6	201	2980	71.5	90	Y280M-2	65	4	235	150	150	846
	100	27.8	183		76.6			65	4.4				



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MODELS & SPECIFICATIONS

Para. Type	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG85-67×4	55	15.3	296		82.1			54	3.3				
	85	23.6	268	2980	95.4	110	Y315S-2	65	4	235	150	150	964
	100	27.8	244		102.2			65	4.4				
FPDG85-67×5	55	15.3	370		102.5			54	3.3				
	85	23.6	335	2980	119.3	160	Y315L ₁ -2	65	4	235	150	150	1126
	100	27.8	305		127.7			65	4.4				
FPDG85-67×6	55	15.3	444		123.1			54	3.3				
	85	23.6	402	2980	143.1	160	Y315L ₁ -2	65	4	235	150	150	1434
	100	27.8	365		152.8			65	4.4				
FPDG85-67×7	55	15.3	518		143.6			54	3.3				
	85	23.6	469	2980	166.9	185	Y315M ₁ -2	65	4	235	150	150	1556
	100	27.8	427		178.8			65	4.4				
FPDG85-67×8	55	15.3	592		164.1			54	3.3				
	85	23.6	536	2980	190.8	220	Y355M ₁ -2	65	4	235	150	150	1624
	100	27.8	488		204.3			65	4.4				
FPDG85-67×9	55	15.3	666		184.6			54	3.3				
	85	23.6	603	2980	214.6	250	Y355M ₂ -2	65	4	235	150	150	1840
	100	27.8	549		229.9			65	4.4				



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<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG85-80×5	54	15	440		122			53	4.5				
	85	23.6	400	2980	142	185	Y315M1-2	65	4.4	235	150	150	1420
	108	30	350		156			66	5.3				
FPDG85-80×6	54	15	528		147			53	4.5				
	85	23.6	480	2980	171	200	Y315L2-2	65	4.4	235	150	150	1490
	108	30	420		187			66	5.3				
FPDG85-80×7	54	15	616		171			53	4.5				
	85	23.6	560	2980	199	250	Y355M2-2	65	4.4	235	150	150	1570
	108	30	490		218			66	5.3				
FPDG85-80×8	54	15	704		195			53	4.5				
	85	23.6	640	2980	228	280	Y355L1-2	65	4.4	235	150	150	1640
	108	30	560		250			66	5.3				
FPDG85-80×9	54	15	792		220			53	4.5				
	85	23.6	720	2980	256	315	Y355L2-2	65	4.4	235	150	150	1710
	108	30	630		281			66	5.3				
FPDG85-80×10	54	15	880		244			53	4.5				
	85	23.6	800	2980	285	355	Y355-2	65	4.4	235	150	150	1790
	108	30	700		312			66	5.3				



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MODELS & SPECIFICATIONS

Para. Type	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG85-80×11	54	15	968		269			53	4.5				
	85	23.6	880	2980	313	400	Y355-2	65	4.4	235	150	150	1860
	108	30	770		343			66	5.3				
FPDG85-80×12	54	15	968		293			53	4.5				
	85	23.6	880	2980	342	450	Y400-2	65	4.4	235	150	150	1930
	108	30	770		374			66	5.3				
FPDG155-30×3	119	33	98.1		43			74	2.8				
	155	43	92.1	1480	50.5	75	Y280S-4	77	3.5	305	150	150	570
	190	52.7	84		58			75	4.7				
FPDG155-30×4	119	33	130.8		57.4			74	2.8				
	155	43	122.8	1480	67.3	90	Y280M-4	77	3.5	305	150	150	640
	190	52.7	112		77.3			75	4.7				
FPDG155-30×5	119	33	163.5		71.6			74	2.8				
	155	43	152.5	1480	83.6	110	Y315S-4	77	3.5	305	150	150	700
	190	52.7	140		96.6			75	4.7				
FPDG155-30×6	119	33	196.2		85.9			74	2.8				
	155	43	184.2	1480	101	132	Y315M-4	77	3.5	305	150	150	780
	190	52.7	168		116			75	4.7				



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG155-30×7	119	33	228.9		100.3			74	2.8				
	155	43	214.9	1480	118	160	Y315L ₁ -4	77	3.5	305	150	150	850
	190	52.7	252		135.2			75	4.7				
FPDG155-30×8	119	33	261.6		114.6			74	2.8				
	155	43	245.6	1480	134.7	200	Y315L ₂ -4	77	3.5	305	150	150	920
	190	52.7	224		154.6			75	4.7				
FPDG155-30×9	119	33	294.3		128.9			74	2.8				
	155	43	276.3	1480	151.5	200	Y315L ₂ -4	77	3.5	305	150	150	990
	190	52.7	252		173.9			75	4.7				
FPDG155-30×10	119	33	327		143.2			74	2.8				
	155	43	307	1480	168.3	220	Y355M ₁ -4	77	3.5	305	150	150	1060
	190	52.7	280		193.2			75	4.7				
FPDG155-67×3	95	26.3	228		93.6			63	2.6				
	155	43	201	2980	114.7	132	Y315M-2	74	4.5	235	150	150	952
	185	51.3	177		122.1			73	5.7				
FPDG155-67×4	95	26.3	304		124.8			63	2.6				
	155	43	268	2980	152.9	185	Y315M ₁ -2	74	4.5	235	150	150	1024
	185	51.3	236		162.8			73	5.7				



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG155-67×5	95	26.3	380		156			63	2.6				
	155	43	335	2980	191.1	220	Y355M1-2	74	4.5	235	150	150	1145
	185	51.3	295		203.6			73	5.7				
FPDG155-67×6	95	26.3	456		187.2			63	2.6				
	155	43	402	2980	229.3	280	Y355L1-2	74	4.5	235	150	150	1435
	185	51.3	354		244.3			73	5.7				
FPDG155-67×7	95	26.3	532		218.4			63	2.6				
	155	43	469	2980	267.6	315	Y355M3-2	74	4.5	235	150	150	1558
	185	51.3	413		285			73	5.7				
FPDG155-67×8	95	26.3	608		249.6			63	2.6				
	155	43	536	2980	305.8	355	Y355-2	74	4.5	235	150	150	1700
	185	51.3	472		325.7			73	5.7				
FPDG155-67×9	95	26.3	684		280.8			63	2.6				
	155	43	603	2980	344	450	Y400-2	74	4.5	235	150	150	1860
	185	51.3	531		366.4			73	5.7				
FPDG280-43×3	190	52.8	135.9		96.9			73	3				
	288	80	122.4	1480	120	160	Y315L1-4	80	4.7	360	200	200	865
	346	96.1	111		132.9			78	6				



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

<div> <div>Para.</div> <div>Type</div> </div>	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG280-43×4	190	52.8	181.2		129.2			73	3				
	288	80	163.2	1480	160	200	Y315L ₂ -4	80	4.7	360	200	200	977
	346	96.1	148		177.2			78	6				
FPDG280-43×5	190	52.8	226.5		161.5			73	3				
	288	80	204	1480	200	250	Y355M ₂ -4	80	4.7	360	200	200	1097
	346	96.1	185		221.5			78	6				
FPDG280-43×6	190	52.8	271.8		193.8			73	3				
	288	80	244.8	1480	240	315	Y355L ₂ -4	80	4.7	360	200	200	1218
	346	96.1	222		265.8			78	6				
FPDG280-43×7	190	52.8	317.1		226.1			73	3				
	288	80	285.6	1480	280	355	Y355L ₁ -4	80	4.7	360	200	200	1339
	346	96.1	259		310.1			78	6				
FPDG280-43×8	190	52.8	362.4		258.4			73	3				
	288	80	326.4	1480	320	400	Y400-4	80	4.7	360	200	200	1459
	346	96.1	296		354.4			78	6				
FPDG280-43×9	190	52.8	407.7		290.7			73	3				
	288	80	367.2	1480	360	450	Y400-4	80	4.7	360	200	200	1580
	346	96.1	333		398.7			78	6				



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

Para. Type	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
	Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
FPDG150-100×6	120	33.3	630		307			67	3.4				
	150	41.7	591	2980	345	400	Y400-2	70	4.8	275	200	200	2735
	180	50	540		368			72	5.5				
FPDG150-100×7	120	33.3	735		358.5			67	3.4				
	150	41.7	698.5	2980	402.5	450	Y400-2	70	4.8	275	200	200	2885
	180	50	630		429			72	5.5				
FPDG150-100×8	120	33.3	840		410			67	3.4				
	150	41.7	788	2980	460	560	Y450-2	70	4.8	275	200	200	3035
	180	50	720		490			72	5.5				
FPDG150-100×9	120	33.3	945		461			67	3.4				
	150	41.7	886.5	2980	517.5	630	Y450-2	70	4.8	275	200	200	3185
	180	50	810		551.5			72	5.5				
FPDG150-100×10	120	33.3	1050		512			67	3.4				
	150	41.7	985	2980	575	710	Y450-2	70	4.8	275	200	200	3335
	180	50	900		613			72	5.5				
1FPDG-12	120	33.3	1560		750			68	3.4				
	140	38.9	1540	2980	816	1000	Y450-2	72	4.1	300	150	100	3580
	170	47.2	1450		946			71	4.7				



BOILER FEED PUMPS

MODELS & SPECIFICATIONS

Type	Para.	Flow		Head	Speed	Shaft Power	Motor		Eff.	(NPSH) r	Impeller Dia	Pump dia		Weight
		Q		H	n	Pa	Power	Type	η			Inlet Dia	Outlet Dia	
		m ³ /h	L/s	m	r/min	kW	kW		%			mm	mm	
2FPDG-10		200	55.6	1680		1280			71.5					
		270	75	1515	2980	1480	1600	Y500-2	72.6	6.5	348	250	175	4800
		280	77.8	1480		1495			75.6					