

FIRE PUMPS



GENERAL PUMPS

ESPAÑA



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General Pumps S.L.U., was established more than 25 years ago in Valencia, Spain.

We are a major manufacturer in Spain of a wide variety of water pumps for various applications. We have two factories in Spain with the total space of more than 2600 Sq. M.

Today we have one of the most comprehensive ranges of pumps for Fire, HVAC, Water Treatment and Plumbing Industry. The product line ranges from small domestic pumps to large Industrial application pumps. The pumps can be offered in various Metallurgies such as Cast Iron, Stainless Steel, Bronze, etc.

We have our product distribution channels in North and South America, Europe, Middle East and Far East. More than 75% of our sales revenue is generated through exports across the world.

We have a comprehensive range of Fire Pumps which are UL Listed and FM Approved.

The Quality Management System at our manufacturing facility is certified to the latest International Standard of ISO 9001.

We believe in providing our customers with a complete solution for all their Fire Pumping needs. Our Engineers can assist you in making the right choice of product for your Fire Pumping



Jockey Pump



Introduction

Jockey Pump are small, motor driven pumps used in conjunction with main fire pumps to compensate for minor leaks in the fire protection system and automatically maintain stand-by pressure. This reduces wear on the main pump and controller caused by unnecessary, frequent operation. Jockey Pump controllers are available for across-the-line starting.

Occasionally in a Fire Pump system, water leakage will occur at flanged or threaded pipe connections, valve stems, stuffing boxes, etc. This normal loss of water will lower the system pressure gradually until the main Fire pump is required to start. To minimize wear on the Fire Pump resulting from unnecessary operation, a Jockey Pump is recommended for the system. In a Jockey Pump system a small pump, motor and Controller / pressure switch unit is installed in the piping system.

When the water pressure drops below the pre-set level, the pressure switch energizes a starter which activates the Jockey Pump. Correct water pressure is therefore maintained at all times. An optional minimum run timer will prevent the Jockey Pump from being started too frequently. This timer will ensure operation for a minimum of 2 minutes. If a fire should start, the pressure will continue to drop and the main Fire Pump will start. Automatic controllers also include a "Hand-off Automatic" selector switch for manual operation.

Jockey Pumps Summary Table for Horizontal Split Case Fire Pumps

Rated Capacity in GPM / (LPM)	Pressure in PSI(Bar)	Electric & Diesel Engine Pump Model	Rated Pressure in Bar	Jockey Flow in USgpm	Jockey Pump Model	Jockey Pump HP	RPM
400(1514)	245-336 (16.89-23.16)	FGHC 125-100-400	17	20	GCR10-18	10HP	2900
			18	20	GCR10-18	10HP	2900
			19	20	GCR 10-20	10HP	2900
			20	20	GCR 10-20	10HP	2900
			21	20	GCR 10-22	10HP	2900
			22	20	GCR 10-22	10HP	2900
			23	22.5	GCR15-17	20HP	2900
450 (1703)	71-131 (4.89-9)	FGHC 125-100-250	5	22.5	GCR 4-8	2HP	2900
			6	22.5	GCR 4-10	3HP	2900
			7	22.5	GCR 4-10	3HP	2900
			8	22.5	GCR 4-12	3HP	2900
			9	22.5	GCR 4-14	4HP	2900
450 (1703)	244-335 (16.82-23.09)	FGHC 125-100-400	17	22.5	GCR 10-18	10HP	2900
			18	22.5	GCR 10-20	10HP	2900
			19	22.5	GCR 10-20	10HP	2900
			20	22.5	GCR 10-22	10HP	2900
			21	22.5	GCR 10-22	10HP	2900
			22	22	GCR 10-22	10HP	2900
500 (1892)	71-131 (4.89-9)	FGHC 125-100-250	5	25	GCR 4-8	2HP	2900
			6	25	GCR 4-10	3HP	2900
			7	25	GCR 4-12	3HP	2900
			8	25	GCR 4-14	4HP	2900
			9	25	GCR 4-14	4HP	2900
500 (1892)	131-214 (9-14.75)	FGHC 150-125-315	9	25	GCR 4-14	4HP	2900
			10	22.3	GCR 10-10	5.5HP	2900
			11	25	GCR 10-12	5.5HP	2900
			12	25	GCR 10-14	7.5HP	2900
			13	25	GCR 10-14	7.5HP	2900
			14	22.3	GCR 10-14	7.5HP	2900
			14.75	25	GCR 10-16	7.5HP	2900
500 (1892)	243-334 (16.75-23.02)	FGHC 125-100-400	17	25	GCR10-18	10HP	2900
			18	25	GCR 10-20	10HP	2900
			19	25	GCR 10-20	10HP	2900
			20	25	GCR 10-22	10HP	2900
			21	25	GCR 10-22	10HP	2900
			22	25	GCR15-17	20HP	2900

Jockey Pumps Summary Table for Horizontal Split Case Fire Pumps

Rated Capacity in GPM / (LPM)	Pressure in PSI(Bar)	Electric & Diesel Engine Pump Model	Rated Pressure in Bar	Jockey Flow in USgpm	Jockey Pump Model	Jockey Pump HP	RPM
750(2838)	65-130 (4.4-8.96)	FGHC 125-100-250	5	37.5	GCR 10-6	3HP	2900
			6	37.5	GCR 10-7	4HP	2900
			7	37.5	GCR 10-8	4HP	2900
			8	37.5	GCR 10-10	5.5HP	2900
			8.96	37.5	GCR 10-12	5.5HP	2900
750(2838)	129-213 (8.8-14.68)	FGHC 150-125-315	9	37.5	GCR 10-12	5.5HP	2900
			10	37.5	GCR 10-12	5.5HP	2900
			11	37.5	GCR 10-14	7.5HP	2900
			12	37.5	GCR 10-14	7.5HP	2900
			13	37.5	GCR 10-16	7.5HP	2900
			14	37.5	GCR 10-16	7.5HP	2900
			14.68	37.5	GCR 10-18	10 HP	2900
750(2838)	236-323 (16.27-22.27)	FGHC 125-100-400	16.5	37.5	GCR 10-20	10HP	2900
			17	37.5	GCR 10-20	10HP	2900
			18	37.5	GCR10-22	10HP	2900
			19	37.5	GCR10-22	10HP	2900
			20	37.5	GCR15-17	20HP	2900
1000(3785)	80-142 (5.51- 9.7)	FGHC 200-150-250	6	50	GCR 15-5	5.5 HP	2900
			7	50	GCR 15-6	7.5 HP	2900
			8	50	GCR 15-7	7.5 HP	2900
1000(3785)	127-210 (8.75-14.4)	FGHC 150-125-315	9	50	GCR 15-8	10 HP	2900
			10	50	GCR 15-8	10 HP	2900
			11	50	GCR 15-9	10 HP	2900
			12	50	GCR 15-10	15 HP	2900
			13	50	GCR 15-12	15 HP	2900
			14	50	GCR 15-12	15 HP	2900
1250(4732)	78-140 (5.3- 9.6)	FGHC 200-150-250	5.5	60	GCR 15-5	5.5 HP	2900
			6	60	GCR 15-5	5.5 HP	2900
			7	60	GCR 15-6	7.5 HP	2900
			8	60	GCR 15-7	7.5 HP	2900
1250(4732)	121-205 (8.34-14.13)	FGHC 150-125-315	9	60	GCR 15-8	10 HP	2900
			10	60	GCR 15-9	10 HP	2900
			11	60	GCR 15-9	10 HP	2900
			12	60	GCR 15-10	15 HP	2900
			13	60	GCR 15-12	15 HP	2900

Jockey Pumps Summary Table for Horizontal Split Case Fire Pumps

Rated Capacity in GPM / (LPM)	Pressure in PSI(Bar)	Electric & Diesel Engine Pump Model	Rated Pressure in Bar	Jockey Flow in USgpm	Jockey Pump Model	Jockey Pump HP	RPM
1500(5678)	75-139 (8.34-14.13)	FGHC 200-150-250	5.5	75	GCR 15-5	5.5 HP	2900
			6	75	GCR 15-6	7.5 HP	2900
			7	75	GCR 15-7	7.5 HP	2900
			8	75	GCR 15-8	10 HP	2900
			9	75	GCR 15-9	10 HP	2900
1500(5678)	113-210 (7.8-14.48)	FGHC 250-200-315 Motor Driven	10	75	GCR15-10	15HP	2900
			11	75	GCR15-10	15HP	2900
			12	75	GCR15-12	15HP	2900
	135-203 (7.79-13.99)	FGHC 250-200-400 (2350 RPM) Engine Driven	13	75	GCR15-12	15HP	2900
			13.99	75	GCR15-14	15HP	2900
1500(5678)	184-245 (12.68-16.89)	FGHC 250-200-650 (1470 RPM)	15	75	GCR15-14	15HP	2900
			16	75	GCR15-17	20HP	2900
2000(7571)	80-133 (5.5-9.17)	FGHC 250-200-250 Motor driven	6	100	GCR20-06	10HP	2900
			7	100	GCR20-07	10HP	2900
	131-202 (4.96-9.17)	FGHC 250-200-315 (2350 RPM) Engine Driven	8	100	GCR20-08	15HP	2900
			9	100	GCR20-10	15HP	2900
2000(7571)	109-209 (7.5 - 14.41)	FGHC 250-200-315 Motor Driven	10	100	GCR20-10	15HP	2900
			11	100	GCR20-12	20HP	2900
	131-202 (9.0 - 13.92)	FGHC 250-200-400 (2350 RPM) Engine Driven	12	100	GCR20-12	20HP	2900
			13	100	GCR20-12	20HP	2900
2000(7571)	180-242 (12.41-16.68)	FGHC 250-200-650 (Motor Driven) (1470 RPM)	13.9	100	GCR20-14	20HP	2900
	131-202 (9.0 - 13.92)	FGHC 250-200-400 (Engine Driven) (2350 RPM)					
2000(7571)	180-242 (12.41-16.68)	FGHC 250-200-650 (1470 RPM)	15	100	GCR20-14	20HP	2900
2500(5678)	93-152 (6.41-10.48)	FGHC 300-250-500 (1470 RPM)	6.5	125	GCR32-05-2	15HP	2900
			7	125	GCR32-05-2	15HP	2900
			8	125	GCR32-06-2	15HP	2900

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2500(5678)	93-152 (6.41-10.48)	FGHC 300-250-500 (Motor Driven) (1470 RPM)	9	125	GCR32-06	15HP	2900
	126-199 (8.68-13.72)	FGHC 250-200-400 (Engine Driven) (2350 RPM)	10	125	GCR32-07-2	20HP	2900
2500(5678)	152-224 (10.48-15.44)	FGHC 300-250-650 (Motor Driven) (1470 RPM)	11	125	GCR32-08-2	20HP	2900
	126-199 (8.68-13.72)	FGHC 250-200-400 (Engine Driven) (2350 RPM)	12	125	GCR32-08	20HP	2900
3000(11356)	90-151 (6.2-10.41)	FGHC 300-250-500 (1470 RPM)	6.5	150	GCR 32-05	15HP	2900
			7	150	GCR 32-06-2	15HP	2900
			8	150	GCR32-07-2	20HP	2900
			9	150	GCR32-07	20HP	2900
			10	150	GCR32-08	20HP	2900



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