

PUMPS

LOWARA

**GAZZAOUI**

RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description													
		عدد الأحصنة HP	مأسورة دفع	سحب	Head أمتار			الأداء Flow ليترات/بالدقيقة							
PM SERIES															
					L/min 0	8	10	15	20	35	37	40	45	62	
					m ³ /hr 0	0.48	0.6	0.9	1.2	2.1	2.22	2.4	2.7	3.72	
	PM16	0.40HP	1"	1"	43.4		33	27.8	22.6	7.1	5				
	PM30	0.75HP	1"	1"	56.2		44	38.5	33.3	18.7	16.8	13.9	9		
	PM40	1.00HP	1"	1"	64.3			47.4	42.2	27.3	25.4	22.6	18		
	PM60	1.50HP	1"	1"	76.9				60	43.8	41.6	38.2	32.8	16	
	PM70	1.00HP	3/4"	3/4"	102.6	82	76.8	64	51.5	18					
CEA SERIES														توربين عدد 1	
					L/min 0	40	80	120	160	200	300	400	480	520	
					m ³ /hr 0	2.4	4.8	7.2	9.6	12	18	24	29	31	
	CEAM70/3	0.50HP 220V	1"	1.1/4"	22	19.1	12.8								
	CEAM70/5	0.75HP 220V	1"	1.1/4"	31.1	27.7	20.2								
	CEAM80/5	1.00HP 220V	1"	1.1/4"	32	29.3	24.7								
	CEAM120/5	1.20HP 220V	1"	1.1/4"	31.8		26.5	22.4	17.3						
	CEA80/5	1.00HP/380V	1"	1.1/4"	32	29.3	24.7								
	CEA210/3	1.50HP/380V	1.1/4"	1.1/2"	20.8			19.7	19	18	14.4				
	CEA210/4	2.00HP/380V	1.1/4"	1.1/2"	25.5			24.8	24	23	19				
	CEA210/5	2.50HP/380V	1.1/4"	1.1/2"	29			28.2	27.5	26.6	23.1				
	CEA370/2	2.00HP/380V	1.1/4"	2"	20.4					19.1	17.2	14.1			
	CEA370/3	2.50HP/380V	1.1/4"	2"	24.4					22.9	21.1	18.2			
	CEA370/5	4.00HP/380V	1.1/4"	2"	30.3					28.3	26.5	23.8	21	19	

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		عدد الأحصنة HP	مأسورة دفع	سحب	Head أمتار	الأداء Flow ليترات/بالدقيقة								
CEA/N SERIES		ST ST 316											توربين عدد 1	
					L/min 0	40	80	120	160	200	300	400	480	520
					m ³ /hr 0	2.4	4.8	7.2	9.6	12	18	24	29	31
	CEAM70/5N	0.75HP 220V	1"	1.1/4"	31.1	27.7	20.2							
	CEAM80/5N	1.00HP 220V	1"	1.1/4"	32	29.3	24.7							
	CEAM120/5N	1.20HP 220V	1"	1.1/4"	31.8		26.5	22.4	17.3					
CO SERIES OPEN IMPELLER		ST ST 316											فراش مفتوح عدد 1	
					L/min 0	120	200	300	400	500	600	700	800	900
					m ³ /hr 0	7.2	12	18	24	30	36	42	48	54
	CO 350/03	0.50HP 380 V	1 1/4"	1 1/2"	9.5	6.3	4.8	3.0						
	CO 350/05	0.75HP 380 V	1 1/4"	1 1/2"	12.0	8.8	7.1	5.1						
	CO 350/07	1.00 HP 380 V	1 1/4"	1 1/2"	13.7	10.8	9.1	6.9						
	CO 350/09	1.20 HP 380 V	1 1/4"	1 1/2"	15.7	12.2	10.5	8.3	5.9					
	CO 350/11	1.50 HP 380 V	1 1/4"	1 1/2"	17.3	13.8	12.0	10.1	8.0					
	CO 350/15	2.00 HP 380 V	1 1/4"	1 1/2"	20.3	16.4	14.4	12.2	10.0	7.2				
	CO 500/15	2.00 HP 380 V	1 1/2"	2"	16.0		13.4	12.0	10.5	9.0	7.4	5.8		
	CO 500/22	3.00 HP 380 V	1 1/2"	2"	19.6		17.3	15.9	14.5	13.0	11.3	9.6	7.7	
	CO 500/30	4.00 HP 380 V	1 1/2"	2"	24.1		20.9	19.3	17.7	16.0	14.3	12.6	10.8	9.0
	COM 350/07	1.00HP 220 V	1 1/4"	1 1/2"	13.7	10.8	9.1	6.9						

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Item	Ref.No.	Description												
		عدد الأحصنة HP	مأسورة دفع	سحب	أمتار Head				الأداء ليترات/بالدقيقة Flow					
ST. ST 304 (CASING , SHAFT & TECHNOPOLYMER IMPELLER)													مضخة صامتة متعددة المراحل	
					L/min 0	11.7	16	21	26	31	36	40		
					m ³ /hr 0	0.7	1	1.3	1.6	1.9	2.2	2.4		
1HM03P05M	0.75 HP	1"	1"		33.6	30.3	28.8	26.7	24.3	21.5	18.5	15.9		
1HM05P05M	0.75 HP	1"	1"		54	47.8	45.1	41.4	37.2	32.4	27.3	23.1		
1HM06P07M	1 HP	1"	1"		67.1	60.1	50.7	52.8	48	42.4	36.3	31.1		
					L/min 0	20	28	36	44	52	60	70		
					m ³ /hr 0	1.2	1.7	2.2	2.6	3.1	3.6	4.2		
3HM02P05M (2HM3)	0.75 HP	1"	1"		23.6	21.5	20.4	18.9	17.1	15.1	12.9	9.9		
	0.75 HP	1"	1"		34.8	31.2	29.3	27	24.3	21.2	17.9	13.4		
3HM04P05M (2HM5)	0.75 HP	1"	1"		45.5	40.3	37.5	34.2	30.3	26.2	21.8	15.9		
3HM05P07M (2HM7)	1 HP	1"	1"		58.4	52.5	49.4	45.5	40.9	35.8	30.3	22.8		
3HM06P09M	1.25 HP	1"	1"		70.2	63	59.2	54.4	48.9	42.8	36.2	27.2		
					L/min 0	40	53	66	79	92	105	120		
					m ³ /hr 0	2.4	3.2	4	4.7	5.5	6.3	7.2		
5HM02P05M (4HM4)	0.75 HP	1"	1 1/4"		23.8	20.1	18.7	17.2	15.5	13.4	10.7	7		
5HM03P05M (4HM5)	0.75 HP	1"	1 1/4"		35	28.6	26.3	23.8	21.1	17.8	13.8	8.3		
5HM04P07M (4HM7)	1 HP	1"	1 1/4"		47.6	39.7	36.8	33.7	30.2	25.9	20.6	13.2		
5HM05P09M (4HM9)	1.25 HP	1"	1 1/4"		59.4	49.3	45.6	41.7	37.3	31.9	25.2	16		
5HM06P11M	1.5 HP	1"	1 1/4"		72	60.4	56.1	51.5	46.2	39.8	31.9	20.8		



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		عدد الأحصنة HP	مأسورة دفع	سحب	Head أمتار				الأداء Flow ليترات/بالدقيقة					
ST. ST 304 (CASING , SHAFT & TECHNOPOLYMER IMPELLER)													M:Monophase T:Threephase	
					L/min 0	83.3	108	133	158	183	208	233		
					m³/hr 0	5	6.5	8	9.5	11	12.5	14		
	10HM03P15T	2 HP	1 1/4"	1 1/2"	46.2	40.9	38.6	36.2	33.4	30.1	25.8	20.6		
	10HM04P22T	3 HP	1 1/4"	1 1/2"	61.2	55.7	52.7	49.6	46.2	42	36.7	30.3		
	10HM05P30T	4 HP	1 1/4"	1 1/2"	76.6	69.8	66.2	62.3	58	52.8	46.2	38.2		
	10HM06P30T	4 HP	1 1/4"	1 1/2"	91.7	83	78.5	73.8	68.5	62.2	54.3	44.6		
COMPLETE ST. ST 304 (CASING, IMPELLER & SHAFT)														
					L/min 0	11.7	16	21	26	31	36	40		
					m³/hr 0	0.7	1	1.3	1.6	1.9	2.2	2.4		
	1HM12S05M	0.75 HP	1"	1"	70.8	69	67.1	63.1	57.2	49.4	39.8	30.8		
	1HM16S07M	1 HP	1"	1"	93.4	90.4	87.6	82.1	74	63.4	50.5	38.5		
	1HM22S09M	1.25 HP	1"	1"	127.6	122.5	118.2	110.2	98.7	83.9	66	49.5		
	1HM25S11M	1.5 HP	1"	1"	147	142.5	138.1	129.5	116.9	100	80.2	61.5		
COMPLETE ST. ST 304 (CASING, IMPELLER & SHAFT)														
					L/min 0	20	29	38	47	56	65	73.3		
					m³/hr 0	1.2	1.7	2.3	2.8	3.4	3.9	4.4		
	3HM10S07M	1 HP	1"	1"	73	69.8	66.1	60.9	54.4	46.4	36.7	25.8		
	3HM12S09M	1.25 HP	1"	1"	87.8	83.7	79.1	72.9	65.1	55.5	43.8	30.7		
	3HM14S11M	1.5 HP	1"	1"	103.5	99.6	94.6	87.7	78.8	67.8	54.2	39		
	3HM19S22T	3 HP	1"	1"	144.2	142.2	136.8	128.7	118	104	86.7	65.6		
	3HM21S22T	3 HP	1"	1"	159.1	156.6	150.5	141.5	129.6	114	94.7	71.5		



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		عدد الأحصنة HP	مأسورة دفع	سحب	أمتار Head				الأداء Flow ليترات/بالدقيقة					
COMPLETE ST. ST 304 (CASING, IMPELLER & SHAFT)													M:Monophase	T:Threephase
					L/min 0	40	57	74	91	108	125	142		
					m³/hr 0	2.4	3.4	4.4	5.5	6.5	7.5	8.5		
	5HM06S07M	1 HP	1"	1 1/4"	44.2	41.5	39.1	36.3	32.7	28.1	22.4	15.7		
	5HM09S11M	1.5 HP	1"	1 1/4"	66.9	63.1	59.5	55.3	50	43.2	34.7	24.6		
	5HM10S15M	2 HP	1"	1 1/4"	74.7	71.5	67.9	63.6	58	50.7	41.3	30		
	5HM11S15M	2 HP	1"	1 1/4"	82	78.2	74.1	69.1	62.9	54.7	44.3	32		
	5HM10S15T	2 HP	1"	1 1/4"	75.5	72.9	69.6	65.4	60	52.9	43.9	32.7		
	5HM13S22T	3 HP	1"	1 1/4"	98.4	95.3	91.1	85.7	78.8	69.7	58	43.5		
	5HM15S22T	3 HP	1"	1 1/4"	113.3	109.3	104.3	97.9	89.8	79.2	65.7	48.9		
	5HM21S30T	4 HP	1"	1 1/4"	158.6	152.7	145.6	136.6	125.2	110	91.3	67.8		
					L/min 0	83.3	108	133	158	183	208	233		
					m³/hr 0	5	6.5	8	9.5	11	12.5	14		
	10HM04S15T	2 HP	1 1/4"	1 1/2"	48.3	44.8	43	40.6	37.5	33.7	29.2	23.9		
	10HM05S22T	3 HP	1 1/4"	1 1/2"	60.6	56.4	54.3	51.4	47.6	42.8	37.1	30.5		
10HM06S22T	3 HP	1 1/4"	1 1/2"	72.4	67.1	64.4	60.8	56.2	50.5	43.6	35.6			
10HM08S30T	4 HP	1 1/4"	1 1/2"	96.6	89.4	85.9	81.1	74.9	67.3	58.1	47.5			
10HM11S40T	5.5 HP	1 1/4"	1 1/2"	133	123.6	118.9	112.4	103.9	93.5	81	66.4			
10HM13S55T	7.5 HP	1 1/4"	1 1/2"	157.7	147.1	141.7	134.1	124.3	112	97.3	80			
COMPLETE ST. ST 304 (CASING, IMPELLER & SHAFT)														
					L/min 0	133	178	223	268	313	358	400		
					m³/hr 0	8	10.7	13.4	16.1	18.8	21.5	24		
	15HM05S40T	5.5 HP	1 1/2"	2"	72.9	66.7	63.9	60.5	56.1	50.5	43.3	35.3		
	15HM07S55T	7.5 HP	1 1/2"	2"	102.1	93.3	89.4	84.6	78.4	70.5	60.6	49.4		
					L/min 0	183	233	283	333	383	433	483		
					m³/hr 0	11	14	17	20	23	26	29		
22HM05S55T	7.5 HP	1 1/2"	2"	76.4	70.7	67.9	64.3	59.6	53.3	45.2	35.3			



Item	Ref.No.	Description												
		عدد الأحصنة HP	مأسورة دفع	سحب	Head أمتار	الأداء Flow ليترات/بالدقيقة								
COMPLETE ST. ST 316 (CASING, IMPELLER & SHAFT)												M: Monophase T: Threephase		
 					L/min 0	20	29	38	47	56	65	73.3		
					m³/hr 0	1.2	1.7	2.3	2.8	3.4	3.9	4.4		
	3HM04N05M (2HMS4)	0.75 HP	1"	1"	29.5	28.7	27.3	25.5	23	20	16.1	11.8		
	3HM07N05M (2HMS7)	0.75 HP	1"	1"	51.7	50.1	47.6	44.3	40	34.5	27.7	20.1		
	3HM09N07M	1 HP	1"	1"	66	63.5	60.2	55.8	50.1	42.9	34.2	24.4		
					L/min 0	40	57	74	91	108	125	142		
					m³/hr 0	2.4	3.4	4.4	5.5	6.5	7.5	8.5		
	5HM06N07M (4HMS7)	1 HP	1"	1 1/4"	44.2	41.5	39.1	36.3	32.7	28.1	22.4	15.7		
	5HM09N15T	2 HP	1"	1 1/4"	68.1	65.9	63	59.2	54.4	48.2	40.1	30		
	5HM11N15T	2 HP	1"	1 1/4"	83	79.9	76.1	71.4	65.4	57.6	47.7	35.4		
5HM13N22T	3 HP	1"	1 1/4"	97.7	94	89.5	84	77	67.6	55.5	40.8			
5HM17N30T	4 HP	1"	1 1/4"	127	120.9	114.5	106.8	97.2	84.6	68.5	49.4			
PUMP PRESSURE CONTROLLER												جهاز ضغط إلكتروني		
	GENYO 1.2	(1.2 BAR Starting Pressure)												
	GENYO 1.5	(1.5 BAR Starting Pressure)												
	GENYO 2.2	(2.2 BAR Starting Pressure)												
PUMP PRESSURE SWITCH ITALTECNICA												مفتاح ضغط		
	PM/5 SG	PRESSURE SWITCH WITH SCALE-RANGE 1 TO 5 BAR 16 AMPS												
	PM/6 SG	PRESSURE SWITCH WITH SCALE-RANGE 1 TO 6 BAR 16 AMPS												
	PM/12 SG	PRESSURE SWITCH WITH SCALE-RANGE 3 TO 12 BAR 16 AMPS												
FAR(MADE IN ITALY) BRASS PRESSURE REDUCING VALVE WITH PRESSURE GAUGE CONNECTION														
	PRESSURE REDUCING VALVE													
	2868 12	1/2" FEMALE CONNECTION	FROM 1- 6 BAR MAX TEMP 75 C											
	2868 34	3/4"	FROM 1- 6 BAR MAX TEMP 75 C											
	284 01	1"	FROM 1- 6 BAR MAX TEMP 75 C											
N.B.	PRESSURE GAUGE NOT INCLUDED													

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		عدد الأحصنة HP	مأسورة دفع	سحب	Head أمتار				الأداء ليترات/بالدقيقة Flow					
NSCE SERIES		THREE PHASE												
					L/S 0	1.8	2.6	3.5	4.4	5.3	6.1	7	7.9	8.8
					m³/hr 0	6	9	13	16	19	22	25	28	32
	NSCE32-160/22	3.00HP 380V	1.1/4"	2"	24.2		23.9	23.6	23	22.1	20.7	18.7		
	NSCE32-160/30	4.00HP 380V	1.1/4"	2"	29.3		29.5	29.2	28.7	27.9	26.6	25	22.9	20.2
	NSCE32-200/30	4.00HP 380V	1.1/4"	2"	33.1		32.6	31.9	30.7	28.8	26.1			
	NSCE32-200/40	5.50HP 380V	1.1/4"	2"	40.2		39.8	39.4	38.6	37.3	35.4	32.6		
	NSC2 32-250/55	7.5HP 380V	1.1/4"	2"	70.3		64.7	61.3	56.5	50.6	44			
	NSC2 32-250/75	10.00HP 380V	1.1/4"	2"	88.3		82	79.1	74.6	68.6	61.6	54.2		
NSCE SERIES		THREE PHASE												
					L/S 0	2.7	4.1	5.5	6.9	8.4	9.8	11.2	12.6	14.1
					m³/hr 0	10	15	20	25	30	35	40	45	51
	NSCE40-160/30	4.00HP 380V	1.1/2"	2 1/2"	21.8		22.8	22.5	21.8	20.7	19.3	17.4		
	NSCE40-160/40	5.50HP 380V	1.1/2"	2 1/2"	26.4		27.8	27.7	27.2	26.4	25.2	23.6	21.6	
	NSCE40-200/55	7.50HP 380V	1.1/2"	2 1/2"	36.2		36.6	36.4	35.7	34.4	32.4	29.5		
	NSCE40-200/75	10.00HP 380V	1.1/2"	2 1/2"	44.2		45	44.8	44.2	43.3	41.7	39.4	36.1	31.6
NSCE SERIES		THREE PHASE												
					L/S 0	4.6	7.5	10.4	13.4	16.3	19.2	22.1	25	27.9
					m³/hr 0	17	27	38	48	59	69	80	90	101
	NSCE50-160/55	7.50HP 380V	2"	2 1/2"	27.1		26.2	25.3	23.8	21.7	18.9	15.7		
	NSCE50-160/75	10.00HP 380V	2"	2 1/2"	33.8		32.7	31.8	30.2	28	25.2	21.9	18.1	
NSCE50-200/110	15.00HP 380V	2"	2 1/2"	42.5		43.5	43.5	42.6	40.6	37.3	32.9			



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		عدد الأحصنة HP	مأسورة دفع	سحب	Head أمتار	الأداء Flow ليترات/بالدقيقة								
ESHE SERIES ST ST 316		THREE PHASE												
					L/S 0	1.9	2.5	3.1	3.6	4.2	4.7	5.3	6.1	6.7
					m ³ /hr 0	7	9	11	13	15	17	19	22	24
	ESHE32-160/15	2.00HP 380V	1.1/4"	2"	24.6		23.3	22.4	21.2	19.7	18.1	16.3	13.3	11.1
	ESHE32-160/22	3.00HP 380V	1.1/4"	2"	30.8		29.7	28.9	27.9	26.6	25.1	23.5	20.8	18.8
	ESHE32-200/30	4.00HP 380V	1.1/4"	2"	39.4		36.7	35.7	34.5	33.2	31.7	30	27.2	25.1
					L/S 0	4.7	5.8	6.7	7.5	8.6	9.4	10.6	11.4	12.2
					m ³ /hr 0	17	21	24	27	31	34	38	41	44
	ESHE40-160/30	4.00HP 380V	1.1/2"	2 1/2"	30.9		27.7	26.4	24.9	22.7	20.9	18.6	16.8	15
	ESHE40-160/40	5.50HP 380V	1.1/2"	2 1/2"	37.9		34.4	33.2	31.8	29.7	27.9	25.4	23.4	21.4
	ESHE40-200/55	7.50HP 380V	1.1/2"	2 1/2"	49.1		45.2	43.8	42.2	39.7	37.6	34.5	31.9	29.1
ESHE40-200/75	10.0HP 380V	1.1/2"	ESHE S+D178:D18 2ERIES ST ST 316	58.2		53.9	52.4	50.8	48.4	46.3	43.3	40.9	38.2	
ESHE SERIES ST ST 316		THREE PHASE												
					L/S 0	9.2	10.8	12.2	13.9	15.6	17.2	18.6	20.3	21.9
					m ³ /hr 0	33	39	44	50	56	62	67	73	79
	ESHE50-125/30	4.00HP 380V	2"	2 1/2"	20.6	18.5	17.4	16.3	14.9	13.4	11.7	10.3	8.6	
	ESHE50-125/40	5.50HP 380V	2"	2 1/2"	24.8		22.1	21	19.7	18.2	16.6	15.2	13.5	11.7
	ESHE50-160/55	7.50HP 380V	2"	2 1/2"	33.8		30.5	29.3	27.7	25.9	24	22.3	20.2	18
ESHE50-160/75	10.00HP 380V	2"	2 1/2"	40.7		36.8	35.6	34.1	32.4	30.6	28.8	26.5	24	
ESHE SERIES ST ST 316		THREE PHASE												
					L/S 0	10.6	13.3	15.8	18.3	21.1	23.6	26.4	28.9	31.4
					m ³ /hr 0	38	48	57	66	76	85	95	104	113
	ESHE65 - 160/55	7.50HP 380V	2 1/2"	3"	24.6	23.4	22.2	20.8	19.1	17.2	15.1	12.7	10.1	7.4
ESHE65 - 160/75	10.00HP 380V	2 1/2"	3"	30.7		28.4	26.7	24.9	22.9	20.8	18.5	16	13.2	
COUNTER FLANGES FOR NSCE - ESHE		FHE - SHE فلانجات لوزوم مضخات												
	109390461	DN32 Zinc Coated Threaded Flange Kit 2" - 1 1/4" + Gasket for FHE/SHE 32												
	109390471	DN40 Zinc Coated Threaded Flange Kit 2 1/2"- 1 1/2"+ Gasket for FHE/SHE 40												
	109390481	DN50 Zinc Coated Threaded Flange Kit 2 1/2" - 2"+ Gasket for FHE/SHE 50												
	109390491	DN65 Zinc Coated Threaded Flange Kit 3" - 2 1/2" + Gasket for FHE/SHE 65												



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Item	Ref.No.	Description													
		عدد الأحصنة مأسورة HP سحب دفع				الأداء أمتار Head ليترات/بالدقيقة Flow									
STAINLESS STEEL 304											مضخات عمودية متعددة المراحل ستانلس ستيل بدون فلانجات				
		M: Monophase					T: Three phase								
		L/min	12	20	25	30	35	40	45	50	60	73	100	120	141
		m ³ /hr	0.7	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.4	6	7.2	8.5
	1SV15F007M	1HP-220V	1	1	90.9	90.5	85.6	79.3	70.1	58.1	43.1				
	1SV17F011M	1.5HP-220V	1	1	105.2	105	100	93.1	82.6	68.6	51.2				
	1SV19F011M	1.5HP-220V	1	1	117	117	111	103.2	91.5	75.8	56.3				
	1SV19F011T	1.5HP-380V	1	1	117	117	111	103.2	91.5	75.8	56.3				
	1SV25F015M	2HP-220V	1	1	152.6	152	145.5	135.4	120	99.1	72.7				
	1SV25F015T	2HP-380V	1	1	152.6	152	145.5	135.4	120	99.1	72.7				
	1SV27F015M	2HP-220V	1	1	164.3	164	156.4	145.4	128.8	106.1	77.5				
	1SV27F015T	2HP-380V	1	1	164.3	164	156.4	145.4	128.8	106.1	77.5				
	1SV30F015M	2HP-220V	1	1	181.7	181	172.6	160.1	141.2	115.7	83.9				
	1SV30F015T	2HP-380V	1	1	181.7	181	172.6	160.1	141.2	115.7	83.9				
	1SV37F022T	3HP-380V	1	1	225.9	225	216.1	201.9	179.3	148.1	108.7				
	3SV12F011M	1.5HP-220V	1	1	89.6		87.8	86.4	84.5	82.1	79.1	75.5	71.1	59.9	40.1
	3SV12F011T	1.5HP-380V	1	1	89.6		87.8	86.4	84.5	82.1	79.1	75.5	71.1	59.9	40.1
	3SV16F015M	2HP-220V	1	1	119.9		117.8	116.1	113.6	110.5	106.5	101.6	95.8	80.9	54.2
	3SV16F015T	2HP-380V	1	1	119.9		117.8	116.1	113.6	110.5	106.5	101.6	95.8	80.9	54.2
	3SV21F022T	3HP-380V	1	1	159.3		156.9	154.6	151.4	147.3	142.1	135.7	128	108.5	73.6
	3SV25F022T	3HP-380V	1	1	188.5		186.1	183.3	179.3	174.1	167.6	159.7	150.3	126.6	84.8
	3SV27F030T	4HP-380V	1	1	204.4		201.7	198.8	194.7	189.4	182.7	174.4	164.5	139.4	94.4
	3SV33F030T	4HP-380V	1	1	248.5		245.3	241.5	236.2	229.3	220.7	210.2	197.7	166.3	111



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Item	Ref.No.	Description										الأداء									
		عدد الأحصنة		مأسورة												ليترات/بالدقيقة Flow					
		HP		سحب دفع		أمتار Head															
STAINLESS STEEL 304										مضخات عمودية متعددة المراحل ستانلس ستيل بدون فلانجات											
5SV11F015T	2HP-380V	1.25	1.25	82.8								79.3	78.4	77.5	75.2	720	60.7	49.9	35.6		
5SV16F022T	3HP-380V	1.25	1.25	120.5								115.9	114.6	113.1	109.6	103.9	87.8	72.1	51.8		
5SV21F030T	4HP-380V	1.25	1.25	157.9								152	150.3	148.3	143.6	136.1	114.9	94.2	67.6		
5SV28F040T	5.5HP-380V	1.25	1.25	211.5								204.2	201.9	199.4	193.3	183.4	155.5	128	92.7		
5SV33F055T	7.5HP-380V	1.25	1.25	249.2								241	238.4	235.5	228.4	216.9	184.2	151.9	110		
					L/min	83.3	100	133	170	183.3	233	270	330	350	400	430	460	483			
					m ³ /hr	5	6	8	10.2	11	14	16.2	19.8	21	24	25.8	27.6	29			
10SV06F022T	3HP-380V	1.1/2	1.1/2	71.8	66.8	65	60.4	53.1	49.8	33.9											
10SV08F030T	4HP-380V	1.1/2	1.1/2	95.3	88.9	86.5	80.1	70.2	65.7	44.5											
10SV10F040T	5.5HP-380V	1.1/2	1.1/2	118	111	107.9	100.3	88.2	82.8	57.2											
10SV11F40T	5.5HP-380V	1.1/2	1.1/2	129.6	121	118.1	109.6	96.3	90.3	62.1											
10SV15F055T	7.5HP-380V	1.1/2	1.1/2	179.5	168	163.4	151.6	132.8	124.3	83.9											
10SV18F075T	10HP-380V	1.1/2	1.1/2	216.9	204	199.1	185.5	163.2	153.1	104											
10SV21F110T	15HP-380V	1.1/2	1.1/2	253.6	241	235.5	220.2	195	183.5	127.5											
15SV03F030T	4HP-380V	2"	2"	43.3			40.4	39.1	38.6	36.2	33.8	28.7	26.5	20.1							
15SV05F040T	5.5HP-380V	2"	2"	72.7			67.8	65.8	65	61	57.1	48.7	45.2	34.9							
15SV07F055T	7.5HP-380V	2"	2"	101.9			94.5	91.9	90.8	85.7	80.6	69.4	64.7	50.5							
15SV09F075T	10HP-380V	2"	2"	131.9			124.4	121	119.6	112.8	106.1	91.5	85.5	67.4							
15SV13F110T	15HP-380V	2"	2"	191.3			179.2	174.5	172.5	163.1	153.7	133.1	124.5	98.6							
15SV17F150T	20HP-380V	2"	2"	251.6			237.3	231.4	228.9	216.9	205	178.4	167.3	133.6							





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Item	Ref.No.	Description																
		عدد الأحصنة HP				مأسورة سحب دفع				الأداء Head أمتار				Flow ليترات/بالدقيقة				
		STAINLESS STEEL 316 مضخات عمودية متعددة المراحل ستانلس ستيل 316 بالكامل (Passivated) بدون فلانجات																
				L/min	12	20	25	30	35	40	45	50	60	73	100	120	141	
				m ³ /hr	0.7	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.4	6	7.2	8.5	
1SV25N015M	2HP-220V	1	1	152.6	152	145.5	135.4	120	99.1	72.7								
1SV30N015M	2HP-220V	1	1	181.7	181	172.6	160.1	141.2	115.7	83.9								
1SV25N015T	2HP-380V	1	1	152.6	152	145.5	135.4	120	99.1	72.7								
1SV27N015T	2HP-380V	1	1	164.3	164	156.4	145.4	128.8	106.1	77.5								
1SV30N015T	2HP-380V	1	1	181.7	181	172.6	160.1	141.2	115.7	83.9								
1SV37N022T	3HP-380V	1	1	225.9	225	216.1	201.9	179.3	148.1	108.7								
3SV16N015T	2HP-380V	1	1	119.9		117.8	116.1	113.6	110.5	106.5	101.6	95.8	80.9	54.2				
3SV21N022T	3HP-380V	1	1	159.3		156.9	154.6	151.4	147.3	142.1	135.7	128	108.5	73.6				
3SV25N022T	3HP-380V	1	1	188.5		186.1	183.3	179.3	174.1	167.6	159.7	150.3	126.6	84.8				
3SV29N030T	4HP-380V	1	1	219.3		216	212.8	208.3	202.6	195.3	186.4	175.7	148.6	100.2				
3SV33N030T	4HP-380V	1	1	248.5		245.3	241.5	236.2	229.3	220.7	210.2	197.7	166.3	111.2				
5SV16N022T	3HP-380V	1.25	1.25	120.5						115.9	114.6	113.1	109.6	103.9	87.8	72.1	51.8	
5SV21N030T	4HP-380V	1.25	1.25	157.9						152	150.3	148.3	143.6	136.1	114.9	94.2	67.6	
5SV28N040T	5.5HP-380V	1.25	1.25	211.5						204.2	201.9	199.4	193.3	183.4	155.5	128	92.7	
5SV33N055T	7.5HP-380V	1.25	1.25	249.2						241	238.4	235.5	228.4	216.9	184.2	151.9	110	





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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description																
		عدد الأحصنة HP				مأسورة سحب دفع				الأداء أمتار Head				ليترت/بالدقيقة Flow				
STAINLESS STEEL 316		مضخات عمودية متعددة المراحل ستانلس ستيل 316 بالكامل (Passivated) بدون فلانجات																
						L/min 0 83.3 100 133 170 183.3 233				270 330 350 400 430 460 483								
						m³/hr 0 5 6 8 10.2 11 14				16.2 19.8 21 24 25.8 27.6 29								
	10SV13N055T	7.5HP-380V	1.5	1.5	156	147	142.7	132.6	116.4	109.2	74.3							
	10SV18N075T	10HP-380V	1.5	1.5	216.9	204	199.1	185.5	163.2	153.1	104							
	10SV21N110T	15HP-380V	1.5	1.5	253.6	241	235.5	220.2	195	183.5	127.5							
	15SV09N075T	10HP-380V	2"	2"	131.9			124.4	121	119.6	112.8	106.1	91.5	85.5	67.4			
	15SV13N110T	15HP-380V	2"	2"	191.3			179.2	174.5	172.5	163.1	153.7	133.1	124.5	98.6			
	15SV17N150T	20HP-380V	2"	2"	251.6			237.3	231.4	228.9	216.9	205	178.4	167.3	133.6			
	COUNTER FLANGES FOR ESV		فلانجات لوزوم مضخات ESV															
	109398000	FLANGE KIT FOR 1-3SV (DN25)																
	109398010	FLANGE KIT FOR 5SV (DN32)																
	109398020	FLANGE KIT FOR 10SV (DN40)																
	109398030	FLANGE KIT FOR 15-22SV (DN50)																
STAINLESS STEEL 316 (DOUBLE SLEEVE)		مضخات عمودية متعددة المراحل ستانلس ستيل 316 بالكامل (Passivated) بدون فلانجات																
						L/min 0 12 20 25 30 35 40 45 50 60 73 100 120 141												
						m³/hr 0 0.7 1.2 1.5 1.8 2.1 2.4 2.7 3 3.6 4.4 6 7.2 8.5												
	3SV25P022T	3HP-380V	1	1	188.5		186.1	183.3	179.3	174.1	167.6	159.7	150.3	126.6	84.8			
	3SV27P030T	4HP-380V	1	1	204.5		202	199	195	190	183	175	165	140	95			
	3SV33P030T	4HP-380V	1	1	248.5		245.3	241.5	236.2	229.3	220.7	210.2	197.7	166.3	111.2			
	5SV25P040T	5.5HP-380V	1.25	1.25	189.2						183.1	181.1	178.9	174	165	140	116	84
	5SV28P040T	5.5HP-380V	1.25	1.25	211.5						204.2	201.9	199.4	193.3	183.4	155.5	128	92.7
	5SV30P055T	7.5HP-380V	1.25	1.25	227						220	217.5	215	209	198	169	139	102
	5SV33P055T	7.5HP-380V	1.25	1.25	249.2						241	238.4	235.5	228.4	216.9	184.2	151.9	110
COUNTER FLANGES FOR ESV(VICTAULIC COUPLING)		(VICTAULIC COUPLING)ESV مضخات لوزوم																
	109398400	FLANGE KIT FOR 3-5SV																

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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description											
		مأسورة	الأداء										
		عدد الأحصنة	سحب دفع	Head أمتار	Flow ليترات/بالدقيقة مع فواشة								
		HP											
DOC SERIES		WITH FLOAT SWITCH			مضخات صغيرة غاطسة مع فواشة								
				L/min 0	25	50	75	100	125	135	175	225	
				m ³ /hr 0	1.5	3	4.5	6	7.5	8.1	10.5	13.5	
	DOC3	0.33HP 220V	1.1/4"	6.9	6.3	5.6	4.7	3.7	2.5	2			
	DOC7	0.75HP 220V	1.1/4"	11.1	10.8	10.4	9.9	9.3	8.5	8.1	6.5	3.7	
	DOC7VX	0.75HP 220V	1.1/4"	7.2	6.8	6.4	6	5.5	4.8	4.5	3.1		
DNM SERIES		WITH FLOAT SWITCH			مضخات غاطسة حديد صب - مياه الأمطار								
				L/min 0	50	75	100	125	150	175	210	250	280
				m ³ /hr 0	3	4.5	6	7.5	9	10.5	12.6	15	16.8
	DNM 120/CG	1 HP 220 V	1 1/4"	22.0	20.1	19.1	18.0	16.8	15.6	14.2	12.1	9.5	7.3
DIWA SERIES		WITH FLOAT SWITCH			مضخات غاطسة ستانلس ستيل - مياه وسخة								
				L/min 0	125	150	175	200	225	250	325	375.00	
				m ³ /hr 0	7.5	9	10.5	12	13.5	15	19.5		
	DIWA 05	0.75 HP 220 V	1 1/2"	10.9	7.9	7.1	6.3	5.5	4.7	3.8			
	DIWA 07	1.00 HP 220 V	1 1/2"	14.0	10.5	9.8	9.0	8.3	7.4	6.6	3.9		
	DIWA 11	1.50 HP 220 V	1 1/2"	16.1	12.7	11.9	11.1	10.2	9.4	8.5	5.8	4.0	
	DIWA 15T	2.00 HP 380 V	1 1/2"	20.6	16.4	15.6	14.8	14.0	13.1	12.2	9.4	7.3	5.3
DOMO-SERIES		WITH FLOAT SWITCH			مضخات غاطسة لزوم جورة صحية								
				L/min 0	100	150	200	250	300	320	400	500	
				m ³ /hr 0	6	9	12	15	18	19.2	24	30	
	DOMO 7	0.75HP 220V 1PH	1.1/ 2"	10.7	7.5	6.3	5.2	4.1	2.7	2.1			
	DOMO 10	1.00HP 220V 1PH	2"	10.1	8.5	7.8	7.2	6.6	6	5.8	4.7	3.2	
	DOMO 15	1.50HP 220V 1PH	2"	12.7	11	10.2	9.5	8.8	8	7.8	6.6	5.2	
DOMO WITH FLOAT SWITCH & GRINDER					مضخات غاطسة لزوم جورة صحية								
				L/min 0	40	65	103	128	142	155	180		
				m ³ /hr 0	2.4	3.9	6.2	7.7	8.5	9.3	10.8		
	DOMO GRI 11	1.5HP- 220V 1PH	1"	25	20.5	17.3	10.9						
	DOMO GRI 15	2HP-220V 1PH	1"	29	27.1	25.7	23.8	22	21				



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description											
		مأسورة عدد الأحصنة HP	سحب دفع	أمتار Head					الأداء ليترات/بالدقيقة Flow				
DL - SERIES		CG/WITH FLOAT SWITCH			مضخات غاطسة لزوم جورة صحية								
				L/min 0	100	200	300	350	400	450	500	600	700
				m ³ /hr 0	6	12	18	21	24	27	30	36	42
	DL105	1.50HP 380V 3PH	2"	14.1	11.6	9.7	8.1	7.4	6.7	5.9	5.2		
	DL109	1.50HP 380V 3PH	2"	18.3	15.4	13.1	11	10.1	9.2	8.2	7.3	5.4	
	DLM 109CG	1.50HP 220V 1PH	2"	18.3	15.4	13.1	11	10.1	9.2	8.2	7.3	5.4	
	DL125	2.00HP 380V 3PH	2"	21.9	19.2	16.7	14.4	13.4	12.3	11.3	10.3	8.4	6.5
	DS 2 (109 395 330/SDLD)	جهاز تعليق ذاتي " 2 لزوم DL 109 & DL 125											
BALL THREADED CHECK VALVE FOR SEWAGE APPLICATION													
	CHV1.5 (109790590)	1"1/2 Non return valve ball type for sewage										صناب عدم رجوع لزوم جورة صحية 1.5"	
	CHV2 (109790550)	2" Non return valve ball type for sewage										صناب عدم رجوع لزوم جورة صحية 2"	
FLOAT SWITCHES FOR SEWAGE AND DOMESTIC APPLICATION													
	SJE/5MT	FLOAT SWITCH DOUBLE CONTACT MICROSWITCH WITH COUNTER WEIGHT & 5M RUBBER CABLE											
	SJE/10MT	FLOAT SWITCH DOUBLE CONTACT MICROSWITCH WITH COUNTER WEIGHT & 10M RUBBER CABLE											
	SJE/15MT	FLOAT SWITCH DOUBLE CONTACT MICROSWITCH WITH COUNTER WEIGHT & 15M RUBBER CABLE											
LOWARA ELECTRICAL PANEL BOARD													
PLASTIC ENCLOSURE													
	Q-SMART 20/15	ELECTRICAL PANEL BOARD FOR 2 SURFACE AND SUBMERSIBLE PUMPS MONOPHASE 0.5HP-2HP 220V											
	METAL ENCLOSURE												
	QDRM2/07 4-6,3 A	ELECTRICAL PANEL BOARD FOR 2 SUBMERSIBLE PUMPS MONOPHASE 0.5HP-1HP 220V											
	QDRM215 6,3-10A	ELECTRICAL PANEL BOARD FOR 2 SUBMERSIBLE PUMPS MONOPHASE 1.5HP-2HP 220V											
	QDR2/15 2,5-4A	ELECTRICAL PANEL BOARD FOR 2 SUBMERSIBLE PUMPS THREE PHASE 1.5HP-2HP 380V											
	QDR2/22 4-6,3A	ELECTRICAL PANEL BOARD FOR 2 SUBMERSIBLE PUMPS THREE PHASE 3HP-2HP 380V											
	QDR2/40 6,3-10A	ELECTRICAL PANEL BOARD FOR 2 SUBMERSIBLE PUMPS THREE PHASE 4-5.5HP 380V											



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description														
		عدد الأحصنة	مأسورة	الأداء												
		HP	سحب دفع	Head أمتار				Flow ليترات/بالدقيقة								
SCUBA SERIES		CG/WITH FLOAT SWITCH														
		مضخات غاطسة للخزانات - مونوفاز مع مكثف داخلي														
				L/min 0	20	30	40	50	60	75	80	100	125			
				m ³ /hr 0	1.2	1.8	2.4	3	3.6	4.5	4.8	6	7.5			
	SC2 05 CG	0.75HP 220V	1.1/4"	47.7	43.4	40.5	36.8	32.3	26.7	15.9						
	SC2 07 CG	1.00HP 220V	1.1/4"	61.2	56.7	52.7	47.6	41.5	34.3	21.7						
	SC2 11 CG	1.50HP 220V	1.1/4"	84.5	77.6	72.6	66.3	58.6	49.2	31.7						
	SC4 07 CG	1.00HP 220V	1.1/4"	49.4			42.8	40.6	38.1	34	32.5	25.9	16.5			
	SC4 11 CG	1.50HP 220V	1.1/4"	75.5			63.4	60	56.4	50.6	48.5	39.3	25.4			
GS SERIES		مضخات ارتوازية 4 انش بدون محرك														
				L/min 0	20	25	30	40	50							
				m ³ /hr 0	1.2	1.5	1.8	2.4	3							
	2GS11	1.50HP	1. 1/4"	133	119	113	104	82	53							
	2GS15	2.00HP	1. 1/4"	187	167	158	146	115	74							
	2GS22	3.00HP	1. 1/4"	267	238	226	208	164	106							
					L/min 0	30	40	60	80	90						
					m ³ /hr 0	1.8	2.4	3.6	4.8	5.4						
	4GS07	1.00HP	1. 1/4"	60	54	51	42	28	19							
	4GS11	1.50HP	1. 1/4"	94	84	80	66	44	30							
	4GS15	2.00HP	1. 1/4"	127	114	108	89	60	40							
	4GS22	3.00HP	1. 1/4"	181	162	154	127	85	57							
	4GS30	4.00HP	1. 1/4"	228	204	194	160	107	72							
4GS40	5.50HP	1. 1/4"	321	288	274	226	151	102								
4GS41	7.50HP	1. 1/4"														



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description							
		عدد الأحصنة HP	مأسورة سحب دفع	أمتار Head				الأداء ليترات/بالدقيقة Flow	
GS SERIES									
مضخات ارتوازية 4 انش بدون محرك									
				L/min 0	50	70	90	110	133
				m ³ /hr 0	3	4.2	5.4	6.6	8
	6GS15	2.00HP	1. 1/4"	85.4	72.2	66	58	48	32.2
	6GS22	3.00HP	1. 1/4"	128	108	99	87	71	48.3
	6GS30	4.00HP	1. 1/4"	177	150	136	120	99	66.7
	6GS40	5.50HP	1. 1/4"	232	196	179	157	129	87.4
	6GS55	7.50HP	1. 1/4"	317	268	244	215	177	120
GS SERIES									
مضخات ارتوازية 4 انش بدون محرك									
				L/min 0	67	100	120	140	183
				m ³ /hr 0	4	6	7.2	8.4	11
	8GS15	2.00HP	2"	52	46	44	41	37	22
	8GS22	3.00HP	2"	85	75	71	67	60	36
	8GS30	4.00HP	2"	111	98	93	87	78	47
	8GS40	5.50HP	2"	150	133	126	118	106	63
	8GS55	7.50HP	2"	208	185	175	164	147	88
	8GS75	10.00HP	2"	280	249	235	220	198	118
				L/min 0	100	150	175	200	250
				m ³ /hr 0	6	9	10.5	12	15
	12GS40	5.50HP	2"	128.6	109.9	94	84	73	46
	12GS55	7.50HP	2"	173.6	148.3	127	113	98	62
	12GS75	10.00HP	2"	221.8	190.2	163	146	126	80
				L/min 0	133	200	250	300	367
				m ³ /hr 0	8	12	15	18	22
16GS40	5.50HP	2"	92.1	74.9	64	54	44	29	
16GS75	10.00HP	2"	161.2	131.5	112	96	78	52	



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description			
		عدد الأحصنة HP	مأسورة سحب دفع	الأداء ليترات/بالدقيقة Flow	أمتار Head
محركات لوارا غاطسة 4 انش 220 فولت مونوفاز تبريد زيت					
	4OS SERIES	SUB. 1PH 220V			
	4OS07M22	1.00HP			
	4OS11M22	1.50HP			
	4OS15M22	2.00HP			
محركات لوارا غاطسة 4 انش 380 فولت 3 فاز					
	4OS11T40	1.50HP			
	4OS15T40	2.00HP			
	4OS22T40	3.00HP			
	4OS30T40	4.00HP			
محركات لوارا غاطسة 4 انش 380 فولت 3 فاز					
	4OS40T40	5.50HP			
	4OS55T40	7.50HP			
	4OS75T40	10.0HP			
مفتاح تشغيل محركات ارتوازية مونوفاز					
	HP1.5	1.50HP 220V			
	HP2	2.00HP 220V			

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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description									
		عدد الأحصنة	مأسورة		الأداء						
		HP	سحب دفع	Head	أمطار					ليترات/بالدقيقة	Flow
304 ستانلس ستيل - ستانلس ستيل 6 انش بدون محرك - ستانلس ستيل 304											
				L/min 0	150	200	300	400	500		
				m ³ /hr 0	9	12	18	24	30		
	Z622/15	20HP	2.5"	214.4	202.7	198.1	182.7	153.3	103.1		
	Z622/18	25HP	2.5"	252.5	238.8	233.4	215	179.9	119.8		
	Z622/22	30HP	2.5"	312.2	294.8	287.6	264.1	220.8	148.2		
	Z622/26	35HP	2.5"	371.8	351.5	343.3	316.1	265.6	180.5		
	Z622/30	40HP	2.5"	428.5	405.3	396.5	366.4	307.9	206.6		
	Z622/37	50HP	3"	525.2	498.1	487	449.1	376.1	251.2		
	Z622/45	60HP	3"	637.2	603.6	590.3	544.6	456.3	304.1		
	Z622/50	75HP	3"	710.2	673.6	658.9	608.3	510.4	341.8		
304 ستانلس ستيل - ستانلس ستيل 6 انش بدون محرك - ستانلس ستيل 304											
				L/min 0	200	400	500	600	666.7		
				m ³ /hr 0	12	24	30	36	40		
	Z631/06	10HP	3"	93.9	87.2	75.9	66.6	53.7	42.9		
	Z631/09	15HP	3"	139.8	130.8	114	100	80.9	64.7		
	Z631/11	20HP	3"	171.8	161.1	141.2	124.4	101.2	81.6		
	Z631/14	25HP	3"	218	205.2	179.8	158.3	128.7	103.6		
	Z631/17	30HP	3"	262.4	246.9	215.9	189.7	153.7	123.2		
	Z631/23	40HP	3"	357.2	336.7	296	260.7	211.6	169.7		
	Z631/29	50HP	3"	449.1	423.1	370.7	325.6	263.1	210		
	Z631/35	60HP	3"	482.2	454.3	400.1	352.9	286.9	230.4		
	Z631/43	75HP	3"	667	628.4	552	485.9	393.9	315.4		



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description							
		عدد الأحصنة HP	مأسورة سحب دفع	أمتار Head					الأداء ليترات/بالدقيقة Flow
304 ستانلس ستيل - ستانلس ستيل 6 انش بدون محرك - مضخات ارتوازية Z6 Series									
				L/min 0	400	600	700	800	1000
				m ³ /hr 0	24	36	42	48	60
	Z646/07	15HP	3"	117.3	81.7	67.3	60.9	54	32.7
	Z646/10	20HP	3"	166.8	116.3	95.9	86.9	77.2	47
	Z646/12	25HP	3"	201.2	140.2	115.7	105	93.3	57.3
	Z646/14	30HP	3"	235.4	164.9	136.2	123.7	110.2	68.6
	Z646/17	35HP	3"	290.6	202.4	167.4	152.2	135.8	86
	Z646/20	40HP	3"	339.1	236.7	195.8	177.9	158.7	100
	Z646/25	50HP	3"	417.1	293.6	243	220.8	196.8	123.1
	Z646/31	60HP	4"	520.4	362.4	299.9	272.5	242.9	151.2
	Z646/37	75HP	4"	626.5	437.4	362.2	329.4	294	185.8
				L/min 0	500	700	900	1100	1300
				m ³ /hr 0	30	42	54	66	78
	Z660/04	10HP	3"	66	46.9	39.5	33	25.6	14.2
	Z660/06	15HP	3"	98.5	70.2	59.4	49.9	39.2	22.6
304 ستانلس ستيل - ستانلس ستيل 6 انش بدون محرك - مضخات ارتوازية Z6 Series									
	Z660/08	20HP	3"	132	94.2	79.8	67.3	53.4	31.5
	Z660/09	25HP	3"	150.1	107.1	90.9	76.8	61.3	37
	Z660/11	30HP	3"	183.6	131.3	111.6	94.6	75.7	46.3
	Z660/16	40HP	3"	267.6	191.7	163.1	138.6	111.6	69.4
	Z660/19	50HP	3"	317.2	227.6	193.8	164.8	132.8	82.8
	Z660/24	60HP	4"	398.7	285.4	243.1	206.7	166.4	103.1
	Z660/30	70HP	4"	491.7	353.5	301	255.8	205.7	126.4
	Z660/32	75HP	4"	529.3	379.8	323.6	275.3	221.9	137.8



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description												
		عدد الأحصنة	مأسورة									الأداء		
		HP	سحب دفع									ليترات/بالدقيقة	Flow	
L6W SERIES		محركات لوارا غاطسة 6 انش 380 فولت - تبريد ماء - قابل لللف												
	L6W 75 T405	10HP												
	L6W 93 T405	12.5 HP												
	L6W 110 T405	15HP												
	L6W 150 T405	20HP												
	L6W 185 T405	25HP												
	L6W 220 T405	30HP												
	L6W 300 T405	40HP												
	L6W 370 T405	50HP												



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	قوة POWER	ماسورة الدفع DISCHARGE	Description	الاداء PERFORMANCE										
CIRCULATORS TLC & FLC SERIES				مضخات لدوران المياه الساخنة											
STAINLESS STEEL HOT WATER RETURN CIRCULATOR															
				SPEED	L/sec	0.2	0.3	0.4	0.5	0.7	0.8	1	1.2		
					m ³ /hr	0	0.6	1.2	1.5	1.8	2.4	3	3.6		4.2
	TLCN 25-4L	40 - 70 Watt	1"	1	3	2.6	2.1	1.9	1.6	1					
				2	3.5	3.3	2.9	2.7	2.4	1.8	1.3				
				3	4	3.8	3.5	3.3	3	2.5	2	1.3			
	TLCN 25-6L	56 - 100 Watt	1"	1	3.1	1.9	1.2	0.9	0.6						
				2	4.7	3.6	2.7	2.3	1.9	1.2	0.7				
				3	5.6	5	4.4	4	3.7	3.1	2.4	1.8	1.2		
	TLCHN 25-7L	220 - 260 Watt	1"	1	5.8	5.1	4.2	3.1	1.9	1.1					
				2	6.7	6.2	5.4	4.4	3.3	2.2	1.2				
				3	7.1	6.7	6.1	5.2	4.2	3.2	2.3	1.4			
TLCHN 25-10L	283 - 357 Watt	1"	1	8.3	7.7	6.9	6.5	6	5	4	2.9	2			
			2	9.4	9.2	8.7	8.5	8.2	7.7	7	6.3	5.5			
			3	10.1	9.9	9.6	9.5	9.2	8.8	8.2	7.7	7			
TLCHN 25-12L	285 - 400 Watt	1"	1	7.8	6.5	4.5	2.2	0.7							
			2	10.4	9.6	8.5	6.9	5.2	3.4	1.9					
			3	11.9	11.2	10.3	9.2	7.7	6.2	4.7	3.3	2			
	UNION KIT FOR TLCN 25	105890200	1"												



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	قوة POWER	ماسورة الدفع DISHARGE	Description	الاداء PERFORMANCE									
CAST IRON HEATING WATER CIRCULATOR				مضخات شوفاج										
				SPEED	L/sec	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.1	
					m ³ /hr	0	0.6	1.2	1.7	2	2.4	2.8	3.2	
	TLC 32-4L	33 - 44 Watt	1" 1/4	1	3.5	2.7	1.8	1.2	0.8					
				2	3.9	3.2	2.4	1.9	1.6	1.1				
				3	4.2	3.5	2.8	2.2	1.9	1.5	0.9			
	TLC 32-6L	43 - 80 Watt	1" 1/4	1	3.4	2.3	1.5	0.9						
				2	5.2	4.1	3	2.1	1.7	1.1				
				3	6.2	5.6	4.7	4	3.6	3	2.4	1.8		
	TLC 32-7L	54 - 89 Watt	1" 1/4	1	5.4	3.6	2.5	1.7	1.4	0.9	0.4			
				2	6.6	5.5	4	2.9	2.3	1.6	1	0.4		
				3	7.1	6.6	5.9	5.2	4.7	3.9	2.9	2	0.4	
				SPEED	L/sec	0.3	0.7	1	1.3	1.7	2	2.3	2.7	
				m ³ /hr	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	
TLCH 32-7L	220 - 260 Watt	1" 1/4	1	5.8	5.1	4.2	3.1	1.9	1.1					
			2	6.7	6.2	5.4	4.4	3.3	2.2	1.2				
			3	7.1	6.7	6.1	5.2	4.2	3.2	2.3	1.4			
TLCH 32-8L	260 - 286 Watt	1" 1/4	1	6.6	5.9	4.7	3.1	1.8	0.8					
			2	7.5	7	6.2	5.1	3.9	2.7	1.7				
			3	8	7.6	6.9	5.9	4.8	3.7	2.7	1.7			
TLCH 32-10L	283 - 357 Watt	1" 1/4	1	8.3	7	5	2.7	1.1						
			2	9.4	8.7	7.7	6.3	4.6	3.1	1.7				
			3	10	9.5	8.8	7.7	6.5	5.1	3.8	2.6	1.5		
TLCH 32-12L	285 - 400 Watt	1" 1/4	1	7.8	6.5	4.5	2.2	0.7						
			2	10.4	9.6	8.5	6.9	5.2	3.4	1.9				
			3	11.9	11.2	10.3	9.2	7.7	6.2	4.7	3.3	2		
	UNION KIT FOR TLC 32	105890220	1" 1/4											



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	قوة POWER	ماسورة الدفع DISCHARGE	Description	الاداء PERFORMANCE									
CAST IRON HEATING WATER CIRCULATOR - FAN COOLED														
 					L/S 0	0.8	1.4	1.9	2.5	3.1	3.6	4.2	4.7	
					m³/hr 0	3	5	7	9	11	13	15	17	
	LNEE 40-160/03	0.37 Kw	1" 1/2		6.8		6.8	6.6	6.3	5.8	5.2	4.5	3.6	
	LNEE 40-200/05	0.55 kw	1" 1/2		8.1		8.2	8.1	7.9	7.5	7	6.3	5.5	
	FLANGE KIT DN40	109390661	1" 1/2											
						L/S 0	1.4	1.9	2.5	3.1	3.9	4.7	5.6	6.4
						m³/hr 0	5	7	9	11	14	17	20	23
	LNEE 50-160/05	0.55 Kw	2"		6.5		6.4	6.3	6.2	6	5.6	5.1	4.5	
	LNEE 50-200/07	0.75 Kw	2"		8.5		8.5	8.4	8.2	7.8	7.3	6.5		
	LNEE 50-200/11	1.1 Kw	2"		11.7			11.7	11.5	11.2	10.7	10.1	9.2	
FLANGE KIT DN50	109390691	2"												



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	Description												
		قوة POWER	ماسورة الدفع DISCHARGE	الاداء PERFORMANCE										
مجمع ضغط تجميع لوارا مؤلف من مضختين مونوفاز + تابلوه + أكسسوار														
FACTORY ASSEMBLED BOOSTER SET INCLUDING 2 MONOPHASE														
					L/min 0	40	80	120	160	200	300	400	480	520
					m ³ /hr 0	2.4	4.8	7.2	9.6	12	18	24	29	31
	GXS20/CEAM 80/5	1.0HP	1 1/2"	2"	32	29.3	24.7							
	GXS20/CEAM 120/5	1.2HP	2"	2"	31.8	26.5	22.4	17.3						
					L/min 0	11.7	16	21	26	31	36	40		
					m ³ /hr 0	0.7	1	1.3	1.6	1.9	2.2	2.4		
	GXS20/3HM02P05 M / (GXS20/2HM3)	0.75 HP	1"	1"	23.6	21.5	20.4	18.9	17.1	15.1	12.9	9.9		
	GXS20/3HM03P05 M / (GXS20/2HM4)	0.75 HP	1"	1"	34.8	31.2	29.3	27	24.3	21.2	17.9	13.4		
	GXS20/3HM04P05 M / (GXS20/2HM5)	0.75 HP	1"	1"	45.5	40.3	37.5	34.2	30.3	26.2	21.8	15.9		
	GXS20/3HM05P07 M / (GXS20/2HM7)	1 HP	1"	1"	58.4	52.5	49.4	45.5	40.9	35.8	30.3	22.8		
				L/min 0	40	53	66	79	92	105	120			
				m ³ /hr 0	2.4	3.2	4	4.7	5.5	6.3	7.2			
	GXS20/5HM02P05 M / (GXS20/4HM4)	0.75 HP	1"	1 1/4"	23.8	20.1	18.7	17.2	15.5	13.4	10.7	7		
	GXS20/5HM03P05 M / (GXS20/4HM5)	0.75 HP	1"	1 1/4"	35	28.6	26.3	23.8	21.1	17.8	13.8	8.3		
	GXS20/5HM05P09 M / (GXS20/4HM9)	1.25 HP	1"	1 1/4"	59.4	49.3	45.6	41.7	37.3	31.9	25.2	16		



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RAFIC GAZZAOUI & CO.

Item	Ref.No.	قوة POWER	ماسورة الدفع DISCHARGE	الاداء PERFORMANCE										
FACTORY ASSEMBLED		مجمع ضغط تجميع لوارا مؤلف من مضختين 3 فاز + تابلوه + أكسسوار												
BOOSTER SET INCLUDING 2 THREEPHASE PUMPS, 380V, ELECTRICAL PANEL BOARDS & ACCESSORIES														
					L/min 0	40	80	120	160	200	300	400	480	520
					m³/hr 0	2.4	4.8	7.2	9.6	12	18	24	29	31
	GMD20/CEA 70/5	0.75HP	1 1/2"	2"	31.1	27.7	20.2							
	GMD20/CEA 80/5	1.0HP	1 1/2"	2"	32	29.3	24.7							
	GMD20/CEA 120/5	1.2HP	2"	2"	31.8		26.5	22.4	17.3					
	GMD20/CEA 210/5	2.5HP	2 1/2"	2 1/2"	29			28.2	27.5	26.6	23.1			
					L/min 0	83.3	108	133	158	183	208	233		
					m³/hr 0	5	6.5	8	9.5	11	12.5	14		
	GMD20/10HM03P 15T	2HP	2"	2 1/2"	45.6	39.7	37.2	34.7	31.9	28.4	24	18.8		
	GMD20/10HM04P 22T	3HP	2"	2 1/2"	60.6	54.4	51.3	48.1	44.5	40.2	34.9	28.5		



Item	Ref.No.	Description												
		قوة POWER	ماسورة الدفع DISCHARGE	الاداء PERFORMANCE										
VARIABLE SPEED WATER COOLED VFD PUMP SET														
					L/min 0	11.7	16	21	26	31	36	40		
					m³/hr 0	0.7	1	1.3	1.6	1.9	2.2	2.4		
	DG20/3HM02 P05M / (DG20/2HM3)	0.75 HP	1" 1"		23.6	21.5	20	19	17	15	13	9.9		
	DG20/3HM03 P05M / (DG20/2HM4)	0.75 HP	1" 1"		34.8	31.2	29	27	24	21	18	13		
	DG20/3HM04 P05M / (DG20/2HM5)	0.75 HP	1" 1"		45.5	40.3	38	34	30	26	22	16		
	DG20/3HM05 P07M / (DG20/2HM7)	1 HP	1" 1"		58.4	52.5	49	46	41	36	30	23		
					L/min 0	40	53	66	79	92	105	120		
					m³/hr 0	2.4	3.2	4	4.7	5.5	6.3	7.2		
	DG20/5HM02 P05M / (DG20/4HM4)	0.75 HP	1" 1 1/4"		23.8	20.1	19	17	16	13	11	7		
	DG20/5HM03 P05M / (DG20/4HM5)	0.75 HP	1" 1 1/4"		35	28.6	26	24	21	18	14	8.3		
	DG20/5HM04 P07M / (DG20/4HM7)	1 HP	1" 1 1/4"		47.6	39.7	37	34	30	26	21	13		
	DG20/5HM05 P09M / (DG20/4HM9)	1.25 HP	1" 1 1/4"		59.4	49.3	46	42	37	32	25	16		
					L/min 0	83.3	108	133	158	183	208	233		
					m³/hr 0	5	6.5	8	9.5	11	13	14		
	DG20/10HM0 3P15T	2HP	2" 2 1/2"		45.6	39.7	37	35	32	28	24	19		
	DG20/10HM0 4P22T	3HP	2" 2 1/2"		60.6	54.4	51	48	45	40	35	29		

