



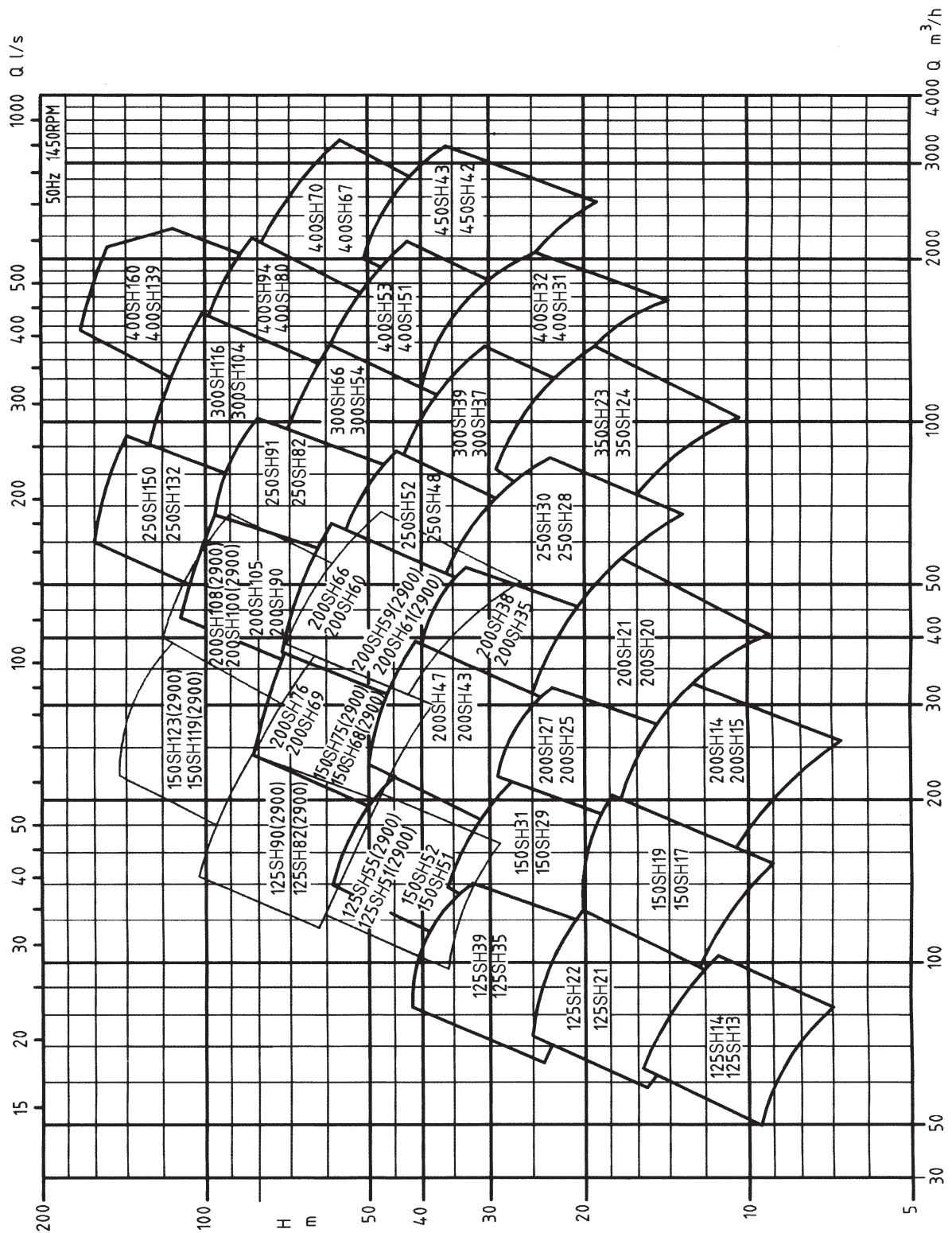
ISO 9001 - Cert. N° 0633

SH - SHV

Pompe centrifughe Split-case
Centrifugal Split-case pumps



1450 rpm



I dati si riferiscono a densità di 1 kg/dm³ e a viscosità cinematiche fino a un massimo di 20 mm²/s
 Data are referred to a density of 1 kg/dm³ and to a kinematical of up to max. 20 mm²/s

Tipo di pompa Pump type		Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m
		m³/h	L/S			Potenza albero Shaft Power	Potenza motore Motor Power		
125SH55 125SHV55	0	98.4 164 196.8	27.3 45.6 54.7	64 55 49	2900	22.6 29.9 32.6	37	76 82 80.5	17.4
	A	90.6 151 181.2	25.2 41.9 50.3	55.5 47.5 42	2900	19.6 24.1 25.9	30	74 81 80	17
	B	86.4 144 172.8	24 40 48	47 39 34	2900	15.4 19 20.5	30	72 80.5 78	15.8
	C	82.2 137 164.4	22.8 38.1 45.7	40 33.5 28	2900	12.8 16 16.7	22	70 77.8 75	15.8
125SH51 125SHV51	0	80.4 134 160.8	22.3 37.2 44.7	59.5 51 45	2900	18.1 22.9 24.6	30	72 81 80	19.5
	A	79.8 133 159.6	22.2 36.9 44.3	52 43.5 37	2900	15.7 19.7 20.6	30	72 80 78	18.3
	B	74.4 124 148.8	20.7 34.4 41.3	43.5 36 30	2900	12.6 15.6 16.2	18.5	70 78.2 75	15.8
	C	67.8 113 135.6	18.8 31.4 37.7	37 31 27	2900	10.0 12.9 13.8	15	69 74 72	15.8
125SH90 125SHV90	0	124.2 207 248.4	34.5 57.5 69	103.5 90 79	2900	47.3 64.6 70.3	75	74 78.5 76	10.3
	A	116.4 194 232.8	32.3 53.9 64.7	90 77 69	2900	39.6 52.6 57.5	75	72 77.5 76	9.5
	B	110.4 184 220.8	30.7 51.1 61.3	75 63.5 55	2900	31.7 41.8 44.7	55	71 76 74	8.5
	C	103.8 173 207.6	28.8 48.1 57.7	62 50 43.5	2900	25 31.4 34.1	37	70 75 72	8.3
125SH82 125SHV82	0	102.6 171 205.2	28.5 47.5 57	97.5 82.5 72	2900	37.8 49.9 53.6	75	72 77 75	10.4
	A	91.8 153 183.6	25.5 42.5 51	84.5 71.5 63.5	2900	30.2 38.9 42.3	45	70 76.5 75	9.0
	B	86.4 144 172.8	24 40 48	71 60 52.5	2900	23.9 31.3 33.4	37	70 75.5 74	8.8
	C	82.2 137 164.4	22.8 38.1 45.7	56 49 42	2900	18.4 24.5 25.7	30	68 74.5 73	8.0
150SH75 150SHV75	0	174 290 348	48.4 80.6 96.6	88 76 65	2900	55 71.2 76	90	76 82.5 81.5	23
	A	168 280 336	46.6 77.8 93.4	75 64 54.8	2900	46.4 60 63.2	75	74 81 79	22.3
	B	151.2 252 302	42 70 83.8	64 54 48	2900	36.8 47.2 51.2	75	72 79 77	21.6
	C	145.2 242 290.4	40.4 67.2 80.6	54 44 37.6	2900	30.4 37.6 39.2	55	70 77.5 75.5	21.2
150SH68 150SHV68	0	148.8 248 297.6	41.4 68.8 82.6	81.2 68 65.6	2900	43.2 56 67.2	75	76 81.5 79	7.05
	A	136.8 228 273.6	38 63.4 76	70 58 50	2900	35.2 45.6 48	55	74 79.5 77	7.05
	B	129.6 216 259.2	36 60 72	60 50 42.8	2900	28.8 37.6 40	45	73 78 75	7.05
	C	114 190 228	31.6 52.8 63.4	52 44 37.2	2900	22.4 29.6 31.2	37	71 76 74	7.05

Tipo di pompa Pump type		Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m
		m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power		
150SH 123 150SHV 123	O	220.2	61.2	144	2900	116.6	200	74	18.5
		367	101.9	123		153.6		80	
		440.4	122.3	108		168.2		77	
	A	201	55.8	124	2900	91.7	160	74	14.9
335		93.1	106	121.4		79.6			
B	181.2	50.3	107	2900	71.3	132	74	13.9	
	302	83.9	90		93.3		79.3		
C	362.4	100.7	78	2900	99.9	90	77	12.9	
	166.2	46.2	88		53.8		74		
A	277	76.9	74	2900	70.6	160	79	14.4	
	332.4	92.3	64		76.2		76		
150SH 119 150SHV 119	O	169.8	47.2	138	2900	88.0	160	72.5	14.4
		283	78.6	119		117.5		78	
		339.6	94.3	104		126.5		76	
	A	155.4	47.2	118	2900	69.3	132	72	13.3
259		71.9	103	93.6		77.6			
B	310.8	86.3	91	2900	101.3	110	76	13.0	
	150	41.7	99		56.1		72		
C	250	68.4	84	2900	74	75	77.3	11.4	
	300	83.3	74		80.6		75		
200SH 59 200SHV 59	O	319.8	88.8	75	2900	85.9	132	76	8.2
		533	148	60		101.8		85.5	
		639.6	177.7	50		104.9		83	
	A	294	81.7	65	2900	69.4	110	75	7.7
490		136.1	52	82.6		84			
B	588	163.3	46	2900	89.8	90	82	7.8	
	272.4	75.7	57		57.1		74		
C	454	126.1	43.5	2900	65.6	75	82	7.2	
	544.8	151.3	34.5		65.6		78		
200SH 61 200SHV 61	O	255	70.8	41	2900	38.5	132	74	8.2
		425	118.1	34		51.1		77	
		510	141.7	26		49.4		73	
	A	283.2	78.7	76	2900	78.1	110	75	7.7
472		131.1	60.5	92		84.5			
B	566.4	157.3	52	2900	97.2	90	82.5	7.8	
	261.6	72.7	66		63.5		74		
C	436	121.1	53	2900	74.9	75	84	7.2	
	523.2	145.3	44		76.9		81.5		
200SH 108 200SHV 108	O	246	68.3	57	2900	52.3	220	73	12.2
		410	113.9	45		61.2		82	
		492	136.7	37.5		63.6		79	
	A	229.2	63.7	47.5	2900	41.2	160	72	12.2
382		106.1	37	50		77			
B	458.4	127.3	30	2900	50.6	110	74	12.2	
	324	90	125		143.2		77		
C	540	150	108	2900	189.1	200	84	12.2	
	648	180	92		199.2		81.5		
200SH 100 200SHV 100	O	294	81.7	105	2900	112.1	200	75	19.8
		490	136.1	88		143.2		82	
		588	163.3	78		156.1		80	
	A	270	75	89	2900	89.6	160	73	19.1
450		125	72	110.3		80			
B	540	150	61	2900	115	110	78	18.7	
	240	66.7	72		66.3		71		
C	400	111.1	57	2900	79.6	90	78	18.0	
	480	133.3	48		82.6		76		
200SH 100 200SHV 100	O	288	80	120	2900	123.8	200	76	19.8
		480	133.3	100		157.5		83	
		576	160	86		168.6		80	
	A	264	73.3	100	2900	97.2	160	74	19.1
440		122.2	83.5	122		82			
B	528	146.7	70	2900	129	110	78	18.7	
	240	66.7	82		74.4		72		
C	400	111.1	70	2900	96.5	90	79	18.0	
	480	133.3	59		101.5		76		
A	210	58.3	57	2900	46.6	90	70	18.0	
	350	97.2	55		69		76		
B	420	116.7	45	2900	69.6	90	74	18.0	
	210	58.3	57		46.6		70		

Tipo di pompa Pump type	Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m	
	m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power			
125SH14 125SHV14	0	49.8 83 99.6	13.8 23.1 27.7	16 13.8 12.2	1450	2.9 3.8 4.1	5.5	76 82 80.5	5.1
	A	45.6 76 91.2	12.7 21.1 25.3	13.8 11.8 10.4	1450	2.3 3.0 3.3	4	74 81 79	5.1
	B	43.2 72 86.4	11.8 20.0 24.0	11.7 9.8 8.6	1450	1.9 2.4 2.6	3	72 80.5 78	4.4
	C	41.4 69 82.8	11.5 19.2 23.0	9.9 8.2 6.8	1450	1.6 2.0 2.1	3	72 78 74	4.4
125SH13 125SHV13	0	39 65 78	10.8 18.1 21.7	15 12.8 11.7	1450	2.2 2.8 3.1	4	72 81 80	5.5
	A	38.4 64 76.8	10.7 17.8 21.3	13 10.8 9.7	1450	1.9 2.4 2.6	3	72 80 79	5.1
	B	36.6 61 73.2	10.2 16.9 20.3	10.8 9 7.7	1450	1.5 1.9 2.0	3	70 78 76	4.4
	C	34.8 58 69.6	9.7 16.2 19.4	9.2 7.6 6.4	1450	2.8 1.6 1.7	2.2	70 74 72	4.4
125SH22 125SHV22	0	62.4 104 124.8	17.3 28.9 34.7	26 22.5 20	1450	6.0 8.1 8.9	11	74 78.5 76	2.9
	A	59.4 99 118.8	16.5 27.5 33	22 19 17	1450	4.9 6.6 7.3	11	72 78 75	2.7
	B	54 90 108	15 25 30	18.5 16 14	1450	3.9 5.2 5.6	7.5	70 76 74	2.4
	C	50.4 84 100.8	14 23.3 28	15.5 13 11	1450	3.0 4.0 4.1	5.5	70 75 73	2.3
125SH21 125SHV21	0	51 85 102	14.2 23.6 28.3	24.5 20.7 18	1450	4.7 6.2 6.7	11	72 77 75	2.9
	A	46.2 77 92.4	12.8 21.4 25.7	21 18.1 15.5	1450	3.8 5.0 5.2	7.5	70 76 74.5	2.5
	B	43.2 72 86.4	12 20 24	18 15 13	1450	3.1 3.9 4.2	5.5	68 75 73	2.4
	C	40.2 67 80.4	11.2 18.6 22.3	14.5 12.5 10.5	1450	2.4 3.1 3.2	4	66 74 72	2.3
125SH39 125SHV39	0	67.8 113 135.6	18.8 31.4 37.7	42.5 38.8 33.5	1450	11.7 16.7 17.8	22	67 71.5 69.5	3.5
	A	59.4 99 118.8	16.5 27.5 33	36.5 33 29	1450	9.2 12.6 13.6	15	64 70.5 69	2.7
	B	52.8 88 105.6	14.7 24.4 29.3	30.5 27.5 24.5	1450	6.9 9.4 10.3	15	63.5 70 68.5	2.6
	C	48.6 81 97.2	13.5 22.5 27	25 22.5 19.5	1450	5.3 7.4 7.9	11	62 67.5 65	2.5
125SH35 125SHV35	0	59.4 99 118.8	16.5 27.5 33	41 35.5 31	1450	9.9 13.1 14.1	18.5	67 73 71	5.3
	A	54 90 108	15 25 30	35.5 30.8 26.5	1450	8.0 10.8 11.5	15	65 70 68	4.5
	B	45.6 76 91.2	12.7 21.1 25.3	29 25.5 22.5	1450	5.8 8.0 8.6	11	62 66 65	4.3
	C	40.2 67 80.4	11.2 18.6 22.3	23 20 17.5	1450	4.2 5.7 6.2	7.5	60 64 62	4.1
150SH19 150SHV19	0	87 145 174	24.2 40.3 48.3	22 19 16.4	1450	6.9 8.9 9.5	15	76 82.5 81.5	6.4
	A	84 140 168	23.3 38.9 46.7	18.8 16 13.7	1450	5.8 7.5 7.9	11	74 81 79	6.2
	B	75.6 126 151	21 35 41.9	16 13.5 12	1450	4.6 5.9 6.4	7.5	72 79 77	6.0
	C	72.6 121 145.2	20.2 33.6 40.3	13.5 11 9.4	1450	3.8 4.7 4.9	7.5	70 77.5 75.5	5.9

Tipo di pompa Pump type		Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m
		m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power		
150SH17 150SHV17	O	74.4 124 148.8	20.7 34.4 41.3	20.3 17 16.4	1450	5.4 7 8.4	11	76 81.5 79	3.0
	A	68.4 114 136.8	19 31.7 38	17.5 14.5 12.5	1450	4.4 5.7 6	7.5	74 79.5 77	3.0
	B	64.8 108 129.6	18 30 36	15 12.5 10.7	1450	3.6 4.7 5	7.5	73 78 75	3.0
	C	57 95 114	15.8 26.4 31.7	13 11 9.3	1450	2.8 3.7 3.9	5.5	71 76 74	3.0
150SH31 150SHV31	O	111 185 222	30.8 51.4 61.7	36 31 28.5	1450	14.7 19.5 21.8	30	74.2 80 79	5.2
	A	99.6 166 199.2	27.7 46.1 55.3	31.5 27 23	1450	11.6 15.3 16.2	18.5	74 79.6 77	4.1
	B	91.2 152 182.4	25.3 42.2 50.7	26.3 22.5 19.8	1450	8.9 11.7 12.9	15	73.5 79.3 76.5	3.9
	C	84.6 141 169.2	23.5 39.2 47	21 18.5 15	1450	6.6 9.2 9.2	11	73.5 77.5 75	3.6
150SH29 150SHV29	O	84.6 141 169.2	23.5 39.2 47	34.5 29.5 27.5	1450	10.9 14.5 16.4	18.5	73 78 77.2	4.0
	A	80.4 134 160.8	22.3 37.2 44.7	29.5 25.5 23	1450	8.9 12 13.1	15	72.5 77.6 77	3.7
	B	75 125 150	20.8 34.7 41.7	25 21 18.7	1450	7.1 9.2 10	11	72 77.3 76.2	3.6
	C	70.8 118 141.6	19.7 32.8 39.3	20.3 17 14.5	1450	5.4 7.1 7.6	11	72 77 74	3.2
150SH52 150SHV52	O	111 185 222	30.8 51.4 61.7	60.5 52 45	1450	27.7 35.9 38.3	45	66 73 71	4.1
	A	100.2 167 200.4	27.8 46.4 55.7	51 44 37.5	1450	21.7 27.8 29.2	37	64 72 70	3.8
	B	93 155 186	25.8 43.1 51.7	44 38 32	1450	17.7 22.6 23.5	30	63 71 69	3.6
	C	81 135 162	22.5 37.5 45	34 30.3 26	1450	12.1 14.5 16.7	22	62 69 68.5	3.4
150SH51 150SHV51	O	97.2 162 194.4	27 45 54	58.8 52 46.3	1450	24.3 31.4 36.0	45	64 72 68	4.6
	A	85.2 142 170.4	23.7 38.4 47.3	49 44 39	1450	18.6 24.6 27.0	30	61 69 67	4.5
	B	78.6 131 157.2	21.8 36.4 43.7	42 37.5 33	1450	15.0 20.1 22.1	30	60 66.5 64	4.3
	C	69 115 138	19.2 31.9 38.3	32.5 28.7 25	1450	10.2 14.3 15.3	18.5	60 63 61.5	4.0
200SH14 200SHV14	O	164.4 274 328.8	45.7 76.1 91.3	18.7 14.8 12	1450	10.9 12.9 13.1	18.5	77 85.5 82	2.3
	A	144.6 241 289.2	40.2 66.9 80.3	16.4 13.2 10.8	1450	8.8 10.2 10.4	15	73 84.5 82	2.2
	B	138 230 276	38.3 63.9 76.7	14 10.6 8.4	1450	7.3 8.0 8.1	11	72 82.5 78	2.2
	C	125.4 209 250.8	34.8 58.1 69.7	11.6 8.7 6.8	1450	5.7 6.4 6.3	11	70 77.5 73	2.0
200SH15 200SHV15	O	142.8 238 285.6	39.7 66.1 79.3	19 15.1 12.6	1450	9.8 11.6 11.9	15	75 84.5 82	2.3
	A	127.2 212 254.4	35.3 58.9 70.7	16.8 13.5 11.6	1450	8.1 9.3 9.8	11	72 84 82	2.2
	B	123 205 246	34.2 56.9 68.3	14.2 11.5 9.3	1450	6.6 7.8 8.0	11	72 82 78	2.2
	C	117 195 234	32.5 54.2 65	11.8 9.1 7.2	1450	5.3 6.2 6.4	11	71 78 72	2.0

Tipo di pompa Pump type		Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m	
		m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power			
200SH27 200SHV27	O	161.4 269 322.8	44.8 74.8 89.7	31.5 27 23.5	1480	18.3 23.6 25.2	30	75.5 84 82	3.4	
	A	145.8 243 291.6	40.5 67.5 81	26.3 22 19		14.1 17.8 18.9		22		74 82 80
	B	133.8 223 267.6	37.2 61.9 74.3	22 18 15.5		11.1 13.7 14.4		18.5		72 80 78.5
	C	121.2 202 242.4	33.7 56.1 67.3	18 14.2 12		8.5 10.2 10.6		15		70 78 75
200SH25 200SHV25	O	144.6 241 289.2	40.2 66.9 80.3	30 25 21.5	1480	15.5 19.8 21.2	30	76 83 80	5.5	
	A	130.8 218 261.6	36.3 60.6 72.7	25.2 21 17.5		12.1 15.2 15.8		18.5		74 82 79
	B	117.6 196 235.2	32.7 54.4 65.3	21 17.5 14.5		9.3 11.8 11.9		15		72 79 78
	C	103.8 173 207.6	9.7 48.1 57.7	17 13.7 11.5		6.9 8.5 8.8		11		70 76 74
200SH47 200SHV47	O	186 310 372	51.7 86.1 103.3	52 47 43	1480	36.6 49.6 55.8	75	72 80 78	2.7	
	A	168.6 281 337.2	46.8 78.1 93.7	43 39 36		27.4 37.8 42.9		55		72 79 77
	B	153.6 256 307.2	42.7 71.1 85.3	35 31.5 28		20.9 28.1 30.8		37		70 78 76
	C	138 230 276	38.3 63.8 78.7	27 24 20		14.9 19.8 20.9		30		68 76 72
200SH43 200SHV43	O	166.2 277 332.4	46.2 76.9 92.3	48 43 38.5	1480	30 41 45	55	72.5 79 77.5	2.6	
	A	151.2 252 302.4	42 70 84	42 37 33		24.3 32.6 35.3		45		71 78 77
	B	136.2 227 272.4	37.8 63.1 75.7	34.5 30.5 27		18.3 24.5 26.7		30		70 77 75
	C	118.8 198 237.6	33 55 66	27.5 24.5 22		13.1 17.4 19.2		22		68 76 74
200SH76 200SHV76	O	196.8 328 393.6	54.7 91.1 109.3	84 76 71	1480	60.8 84.8 102.8	110	74 80 78	3.3	
	A	175.2 292 350.4	48.7 81.1 97.3	73 66.5 60		48.4 67.3 74.8		90		72 78.5 76.5
	B	153.6 256 307.2	42.7 71.1 85.3	62 56 51		37 50.7 56.1		75		70 77 76
	C	138 230 276	38.3 63.9 76.7	52.5 47 41		29 38.7 41.6		55		68 76 74
200SH69 200SHV69	O	175.8 293 351.6	48.8 81.4 97.7	78 69.5 64	1480	51.1 70.2 79.6	110	73 79 77	4.3	
	A	163.2 272 326.4	45.3 75.6 90.7	68 60.5 54.5		41.7 57.4 63.7		75		72.5 78 76
	B	136.2 227 272.4	37.8 63.1 75.7	59 53 48		30.8 42.5 47.5		55		71 77 75
	C	121.2 202 242.4	33.7 56.1 67.3	50 45 40		24.3 32.6 36.2		45		68 76 73
200SH21 200SHV21	O	265.8 443 531.6	73.8 123.1 147.7	27 21 17.5	1480	25 29.1 30.1	37	78 87 84	2.9	
	A	241.8 403 483.6	67.2 111.9 134.3	23 18 15		20.5 23 24.1		30		74 86 82
	B	226.8 378 453.6	63 105 126	19 15 12.5		16.3 18.4 19.3		22		72 84 80
	C	209.4 349 418.8	58.2 96.9 116.3	16 11.5 8.5		13 14.2 13.1		18.5		70 77 74

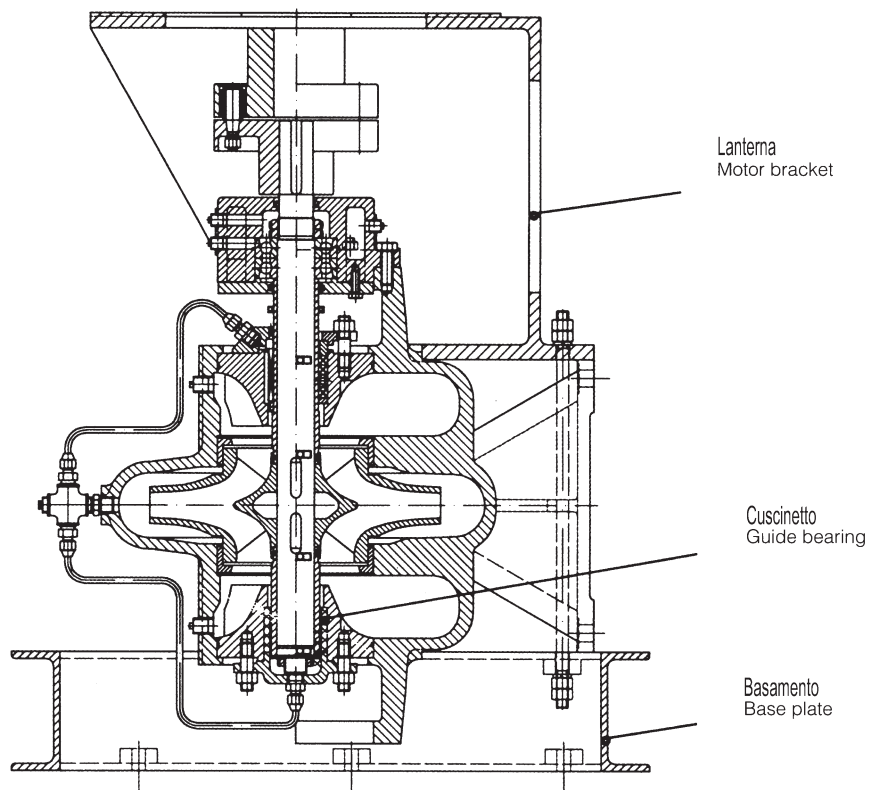
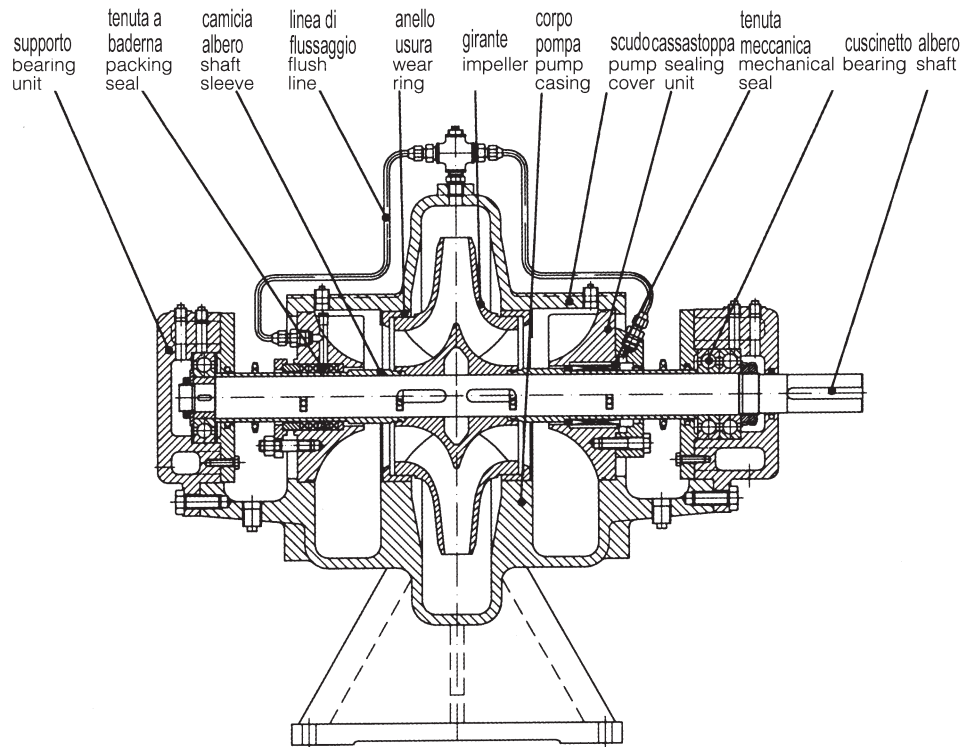
Tipo di pompa Pump type	Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m	
	m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power			
200SH20 200SHV20	O	237.6	66	25.5	1480	21.7	30	76	3.0
		396	110	20.4		25.6		86	
		475.2	132	17		26.5		83	
	A	226.8	63	22.5	1480	18.8	30	74	3.0
378		105	17		20.6		85		
453.6		126	14		21.1		82		
B	211.8	58.8	19.5	1480	15.6	22	72	3.0	
	353	98.1	14.5		16.6		84		
	423.6	117.7	12		17.1		81		
C	198.6	55.2	16	1480	12.4	18.5	70	3.0	
	331	91.9	11.5		13		80		
	397.2	110.3	9		13		75		
200SH38 200SHV38	O	267.6	74.3	44	1480	42.2	75	76	4.3
		446	123.9	38		54.3		85	
		535.2	148.7	33.5		59.2		82.5	
	A	241.8	67.2	37	1480	32.9	55	74	4.0
403		111.9	31		41		83		
483.6		134.3	27		43.9		81		
B	222.6	61.8	32	1480	26.9	37	72	3.6	
	371	103.1	25		31.2		81		
	445.2	123.7	21.5		32.6		80		
C	198.6	55.2	26	1480	20	30	70	3.4	
	331	91.9	20		23.1		78		
	397.2	110.3	17		23.9		77		
200SH35 200SHV35	O	244.2	67.8	42.5	1480	37.2	55	76	4.3
		407	113.1	35		46.2		84	
		488.4	135.7	30		49.2		81	
	A	220.2	61.2	36	1480	29.2	45	74	4.0
367		101.9	29.5		35.9		82		
440.4		122.3	25		37.5		80		
B	201	55.8	30	1480	22.8	37	72	3.6	
	335	93.1	25		28.5		80		
	402	111.7	21		29.5		78		
C	175.2	48.7	25	1480	17	30	70	3.4	
	292	81.1	20.5		20.9		78		
	350.4	97.3	17.5		22		76		
200SH66 200SHV66	O	309	85.8	74	1480	84.1	132	74	4.6
		515	143.1	66		112.8		82	
		618	171.7	59		124.1		80	
	A	283.2	78.7	62	1480	65.5	110	73	4.3
472		131.1	54.5		86.5		81		
566.4		157.3	48		94.5		78		
B	259.2	72	50.5	1480	49.5	75	72	3.6	
	432	120	43.5		64		80		
	518.4	144	37		68.7		76		
C	237.6	66	41	1480	37.9	55	70	3.2	
	396	110	35		48.1		78.5		
	475.2	132	28		50.3		72		
200SH60 200SHV60	O	263.4	73.2	68	1480	65.9	110	74	3.0
		439	121.9	60		88.5		81	
		526.8	146.3	54		98		79	
	A	241.8	67.2	57	1480	52.1	90	72	2.9
403		111.9	50		68.1		80.5		
483.6		134.3	44		74.3		78		
B	225	62.5	46	1480	40.2	75	70	2.9	
	375	104.2	40		51		80		
	450	125	34.5		57.1		74		
C	194.4	54	37.5	1480	28.3	45	70	2.4	
	324	90	33		37.3		78		
	388.8	108	28		42.3		74		
200SH105 200SHV105	O	349.8	97.2	117	1480	154.7	280	72	3.9
		583	161.9	105		208.3		80	
		699.6	194.3	96		234.4		78	
	A	330	91.7	101	1480	126	220	72	3.9
550		152.8	88.5		167.7		79		
660		183.3	80		189.1		76		
B	309	85.8	87	1480	103.1	200	71	3.9	
	515	143	75		134.8		78		
	618	171.7	67		150.3		75		
C	283.2	78.7	73	1480	80.4	132	70	3.9	
	472	131.1	61.5		102.6		77		
	566.4	157.3	53		111.9		73		
200SH90 200SHV90	O	321.6	89.3	105	1480	125.9	220	73	3.8
		536	148.9	90		166.2		79	
		643.2	178.7	78		182.1		75	
	A	294	81.7	92	1480	102.3	200	72	3.4
490		136.1	78		133.4		78		
588		163.3	69		149.3		74		
B	267.6	74.3	79	1480	81.1	160	71	3.2	
	446	123.9	68.5		108		77		
	535.2	148.7	61		120.1		74		
C	241.8	67.2	67	1480	63	110	70	3.1	
	403	111.9	57.5		83		76		
	483.6	134.3	51		93.2		72		

Tipo di pompa Pump type	Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m	
	m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power			
250SH30 250SHV30	O	417	115.8	37.5	1480	55.3	75	77	3.9
		695	193	30		65.3		87	
		834	231.7	25		67.2		84.5	
	A	388.8	108	32	44.6	76	75	86	3.9
	648	180	25.5	52.3	81				
	777.6	216	20	52.3					
250SH28 250SHV28	O	360	100	26	1480	35.4	55	72	3.8
		600	166.7	22		42.8		84	
		720	200	17		42.2		79	
	B	330	91.7	23	29.5	70	37	79	3.8
	550	152.8	17	32.2	76				
	660	183.3	13.5	31.2					
250SH52 250SHV52	O	384	106.7	35	1480	46.9	75	78	3.9
		640	177.8	28		56.7		86	
		768	213.3	23		57.3		84	
	A	357	99.2	31	39.7	76	55	85	3.8
	595	165.3	24.5	46.7	82				
	714	198.3	20	47.4					
250SH48 250SHV48	O	336	93.3	27	1480	33.4	45	74	3.7
		560	155.6	21		38.1		84	
		672	186.7	16.5		37.7		80	
	B	309	85.8	22	25.7	72	37	82	3.9
	515	143	17	29.1	78				
	618	171.7	13.5	29.1					
250SH91 250SHV91	O	426	118.3	60	1480	89.2	160	78	4.6
		710	197.2	52		116.9		86	
		852	236.7	45		125.8		83	
	A	378	105	50.5	68.4	76	110	84	4.4
	630	175	42.5	86.8	81				
	756	210	37.5	95.3					
250SH82 250SHV82	O	342	95	43	1480	54.1	90	74	4.3
		570	158.3	35.5		66.4		83	
		684	190	30		69.9		80	
	B	306	85	36	41.7	72	75	81	4.1
	510	141.7	28.5	48.9	79				
	612	170	24	50.6					
250SH150 250SHV150	O	390	108.3	57	1480	77.6	132	78	3.8
		650	180.6	48		100		85	
		780	216.7	41		104.9		83	
	A	351	97.5	48	60.4	76	90	84	3.7
	585	162.5	40.5	76.8	81				
	702	195	34	80.2					
250SH150 250SHV150	O	318	88.3	41	1480	48	75	74	3.7
		530	147.2	34.5		60.7		82	
		636	176.7	28		61.4		79	
	B	282	78.4	34	36.3	72	55	78	3.6
	470	130.6	28	46	77				
	564	156.7	24	47.9					
250SH82 250SHV82	O	490	136.1	101	1480	180.7	315	74.6	13.8
		817	227	91		244		83	
		980	272.2	83		284		78	
	A	454	126.1	86	143.1	74.3	250	82	12.5
	756	210	76.5	192.1	76.1				
	907	252	67	217.5					
250SH150 250SHV150	O	423	117.5	72	1480	112	185	74.1	12.0
		706	196.1	62.5		150.2		80	
		847	235.3	55		168.1		75.5	
	B	389	108	56	83	71.4	132	78.5	12.0
	648	180	47.5	106.8	73.5				
	778	216.1	42	121.1					
250SH150 250SHV150	O	441	122.5	94	1480	153.2	250	73.7	4.0
		734	203.9	81.7		199.2		82	
		881	244.7	73		230		76.2	
	A	417	115.8	80	126	72.1	200	81	4.2
	695	193	68	158.8	76				
	834	231.6	62	185.2					
250SH150 250SHV150	O	393	109.2	64.5	1480	99	160	70	4.0
		655	182	55		122.7		80	
		786	218.4	47		134.7		74.7	
	B	359	99.7	52	73.5	69.2	110	78	3.5
	598	166.1	43.5	90.8	72.3				
	717	199.2	37	100					
250SH150 250SHV150	O	475	132	161.5	1480	290.3	560	72	2.2
		792	220	150		404.4		80	
		950	264	137		471.5		75.2	
	A	447	124.2	139	236.7	71.5	450	78.5	2.1
	745	207	127	328.37	74.9				
	894	248.3	115	373.8					
250SH150 250SHV150	O	421	117	119	1480	192	315	71.1	2.0
		702	195	107		265.7		77	
		842	233.9	94		297.7		72.4	
	B	391	108.6	100	148.3	71.8	280	76	2.2
	659	183	88	207.7	72				
	791	219.7	77	230.4					

Tipo di pompa Pump type	Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m
	m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power		
250SH 132 250SHV 132	O	432	120	150	243	450	72.6	11.3
		720	200	132.5	328.9		79	
		864	240	120	372		75.9	
	A	397	110.3	128	192	355	72.1	11.0
662		183.9	114.5	262.9	78.5			
795		220.8	102	299	73.8			
B	369	102.5	111	157.1	315	71	10.8	
	616	171.1	98.5	211.8		78		
	739	205.3	87	242.8		72.1		
C	341	94.7	93	124.4	250	69.4	10.8	
	569	158.1	83	167		77		
	683	189.7	72	189.7		70.6		
300SH39 300SHV39	O	631	175.3	47.5	105.6	160	77.3	4.3
		1051	292	39	126.9		88	
		1261	350.3	33	138.8		81.6	
	A	596	165.6	41	87.6	132	76	4.5
994		276.1	33	103.9	86			
1192		331.1	27.5	110.2	81			
B	566	157.2	35	79	90	68.4	4.5	
	943	262	27	83.6		83.0		
	1132	314.4	22	86		78.9		
C	523	145.3	27.5	64	75	61.2	4.6	
	871	242	20	61.2		77.5		
	1045	290.2	13.8	56		70.1		
300SH37 300SHV37	O	618	171.7	46	102	132	75.9	4.6
		1030	286.1	37	119.3		87	
		1236	343.3	31	129.8		80.4	
	A	581	161.4	41	86.5	110	75	4.5
968		268.9	32	98.1	86			
1162		322.8	26	102.9	80			
B	549	152.5	35	74.6	90	70.1	4.3	
	914	253.9	27	80.0		84		
	1097	304.7	22	83		79.2		
C	510	141.7	30	63	75	66.1	4.3	
	850	236.1	22	62.1		82		
	1020	283.3	16	62.1		71.6		
300SH66 300SHV66	O	704	195.6	77	185	280	79.8	2.8
		1174	326.1	66	242.5		87	
		1408	391.1	57	260.2		84	
	A	648	180	65	153	250	75	2.7
1080		300	55	190.3	85			
1296		360	47	204	81.3			
B	601	166.9	54	122.8	200	72	2.6	
	1001	278.1	45.5	149.4		83		
	1201	333.6	37	160		75.6		
C	557	154.7	46	102.9	132	67.8	2.7	
	929	258.1	37.5	118.6		80		
	1115	309.7	32	129.6		75		
300SH54 300SHV54	O	648	180	68	152	250	78.9	4.5
		1080	300	54.5	190.8		84	
		1296	360	45	200		79.4	
	A	584	162.2	57	124.7	200	72.7	4.5
976		271.1	47	151.4	82.5			
1171		325.3	39	158	78.7			
B	531	147.5	50	99.9	132	72.4	4.5	
	886	246.1	40.5	121.4		80.5		
	1063	295.3	34	126.2		78		
C	482	133.9	43	80.1	110	70.5	4.5	
	803	223.1	34.5	96.1		78.5		
	963	267.5	28	99.9		73.5		
300SH116 300SHV116	O	745	206.9	132	339.9	560	78.8	12.74
		1242	345	116	467.1		84	
		1490	413.8	103	505.4		82.7	
	A	700	194.4	115	280	450	78.3	12.5
1166		323.8	100	380.3	83.5			
1400		388.9	87	419.9	79			
B	650	180.6	97	226	355	76	12.0	
	1084	301.1	83	295.2		83		
	1300	361.1	71	320.2		78.5		
C	601	166.9	80.5	175.2	250	75.2	12.0	
	1001	278.1	66	218.0		82.5		
	1201	333.6	57	239		78		
300SH 104 300SHV 104	O	626	174	120	273	450	75	9.25
		1044	290	104	356.2		83	
		1253	348.1	91	390.1		79.6	
	A	579	160.8	104	221.5	355	74	9.25
965		268.1	90	286.7	82.5			
1158		321.7	80	319.4	79			
B	525	145.8	87	169.2	250	73.5	9.0	
	875	243.1	74.5	217.8		81.5		
	1050	291.7	65	237.4		78.3		
C	480	133.3	72	128.9	200	73	9.0	
	799	221.9	62	167.6		80.5		
	959	266.4	56	194		75.4		

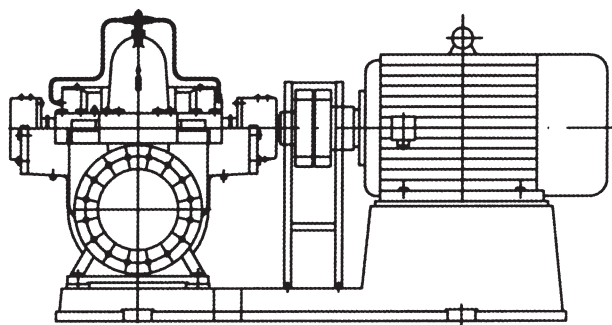
Tipo di pompa Pump type	Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m	
	m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power			
350SH24 350SHV24	O	659	183.1	33	1480	79.1	110	74.9	5.2
		1098	305	24.5		85.2		86	
		1318	366.1	20		88.1		81.5	
	A	626	173.9	27	1480	63	75	73.1	5.2
1044		290	19.8	66.6		84.5			
1253		348.1	15	63		81.2			
B	605	168.1	22.5	1480	54	75	68.6	5.7	
	1008	280	15.5		51.9		82		
	1210	336.1	11		47.7		76		
C	579	160.8	17.5	1480	42	55	65	6.0	
	965	268.1	11.5		37.8		80		
	1158	321.7	8		34.1		74		
350SH23 350SHV23	O	562	156.1	29	1480	61.1	90	72.7	5.2
		936	260	23		69.0		85	
		1123	311.9	18		67		82.2	
	A	518	143.9	26	1480	52	75	70.6	5.3
864		240	20	56.0		84			
1037		288.1	16	56.1		80.6			
B	480	133.3	22.5	1480	45	55	65.3	5.7	
	799	222	16.7		44.9		81		
	959	266.4	13		44		77.2		
C	420	116.7	19	1480	38.1	45	57	6.0	
	700	194.4	13.7		32.4		77		
	840	233.3	12.5		40.8		70		
400SH53 400SHV53	O	1007	279.7	64	1480	235	315	74.7	8.91
		1678	466.1	53		275.2		88	
		2013	559.2	46		299		84.3	
	A	946	262.8	56	1480	200	250	72.1	8.91
1577		438.1	45	223.4		86.5			
1892		525.6	37	231		82.5			
B	886	246.1	47	1480	161.1	200	70.4	8.8	
	1476	410	36.5		174.7		84		
	1771	491.9	28		174.9		77.2		
C	817	226.9	37	1480	134.1	160	61.4	8.8	
	1361	378.1	27.5		139.0		79		
	1633	453.6	21		125		74.7		
400SH51 400SHV51	O	972	270	64	1480	217	315	78.1	8.98
		1620	450	51.5		259.6		87.5	
		1944	540	43		270		84.3	
	A	912	253.3	56	1480	180	250	77.2	8.95
1519		421.9	45	215.2		86.5			
1823		506.4	36	221		80.9			
B	853	236.9	47	1480	152.1	200	71.8	8.90	
	1422	395	37.5		172.9		84		
	1706	473.9	30		178.9		77.9		
C	799	221.9	39	1480	125.9	160	67.4	8.90	
	1332	370	30.5		135.8		81.5		
	1598	443.9	24		140		74.6		
400SH94 400SHV94	O	1050	291.7	107	1480	382.5	630	80	15.5
		1750	486.1	94		520.9		86	
		2100	583.3	84		568.5		84.5	
	A	990	275	89	1480	307.6	500	78	15.5
1650		458.3	76	399.4		85.5			
1980		550	67	435.3		83			
B	942	261.7	74	1480	249.8	400	76	15.2	
	1570	436.1	62		311.9		85		
	1884	523.3	55		346.2		81.5		
C	906	251.7	62	1480	206.7	315	74	15.2	
	1510	419.4	50		246.2		83.5		
	1812	503.3	43		265.2		80		
400SH80 400SHV80	O	930	258.3	95	1480	320.9	500	79	9.4
		1550	430.6	80		399.6		84.5	
		1860	516.7	75		460.5		82.5	
	A	870	241.7	81	1480	249.2	400	77	9.4
1450		402.8	67	316.8		83.5			
1740		483.3	57	333.5		81			
B	816	226.7	70	1480	207.4	315	75	9.2	
	1360	377.8	57		254.4		83		
	1632	453.3	50		61.4		80		
C	768	213.3	59	1480	171.4	250	72	9.2	
	1280	355.6	47.5		201.9		82		
	1536	426.7	41		217.1		79		
400SH160 400SHV160	O	1102	306.1	180	1480	670.2	1120	80.6	10.0
		1836	510	160		941.2		85	
		2070	575	151		1025		83	
	A	1041	289.2	152	1480	538.7	1000	80	10.0
1735		481.9	136	759.6		84.6			
2082		578.3	124	909.5		77.3			
B	974	270.6	130	1480	431	710	80	9.6	
	1624	451.1	112		587.6		84.3		
	1948	541.1	102		702.7		77		
C	922	256.1	107	1480	344.4	630	78	9.6	
	1537	427	91		453.5		84		
	1845	512.5	80		522		77		

Tipo di pompa Pump type		Portata - Capacity		Prevalenza Head m	Velocità Speed r/min	Potenza - Power (kw)		Efficienza Efficiency %	(NPSH) r m
		m³/h	L/S			Potenza assorbita Shaft Power	Potenza motore Motor Power		
400SH139 400SHV139	O	1013	281.4	162	1480	593	1000	75.4	8.5
		1688	468.9	139		765.2		83.5	
		2026	562.8	125		862		80	
	A	944	262.2	142	1480	493	800	74	8.5
1573		436.9	119	614.2		83			
B	1888	524.4	106	1480	689.8	630	79	8.2	
	871	241.9	117		380.2		73		
C	1451	403.1	99	1480	474.2	450	82.5	8.2	
	1741	483.6	87		528.8		78		
400SH32 400SHV32	O	1039	288.6	42	1480	168	200	70.7	7.2
		1732	481.1	32		174.5		86.5	
		2078	577.2	24		175		77.6	
	A	1015	282	36	1480	14.3	160	69.6	7.1
1692		470	26.5	143.7		85			
B	2030	563.8	19	1480	141	132	74.5	7	
	985	273.6	30		120		67.1		
C	1642	456.1	21	1480	113.1	110	83	6.9	
	1970	547.2	15		108.7		74		
400SH31 400SHV31	O	961	266.9	24	1480	98.1	110	64	6.9
		1602	445	15		81.3		80.5	
		1922	533.9	8		59		71	
	A	853	236.9	38	1480	121.9	160	72.4	6.1
1422		395	31	140.4		85.5			
B	1706	473.9	25	1480	142.7	132	81.4	6.2	
	801	222.5	34		104.2		71.2		
C	1336	371.1	26.3	1480	113.9	110	84	6.7	
	1603	445.3	21		113		81.1		
450SH43 450SHV43	O	763	211.9	29	1480	88.1	110	68.4	6.7
		1271	353	22.5		95.0		82	
		1525	423.6	18		92.7		80.6	
	A	713	198.1	24.5	1480	75	90	63.4	6.7
1188		330	17.8	73.8		78			
B	1426	396.1	13	1480	70	450	72.1	16.8	
	1646	457.2	54.6		326.4		75		
C	2743	762	43.5	1480	371.4	355	87.5	16.5	
	3292	914.4	35		427.5		73.4		
450SH42 450SHV42	O	1581	439.2	46.2	1480	258.4	400	77	15.9
		2635	732	35		293.8		85.5	
		3162	878.3	27.6		338.1		70.3	
	A	1538	427.3	37.8	1480	201.2	280	78.7	16.2
2563		712	27.5	228.5		84			
B	3076	854.5	21	1480	262.6	220	67	16.2	
	1490	414	30.7		158.1		78.8		
C	2484	690	21.5	1480	179.6	400	81	15.9	
	2981	828	16.3		206.8		64		
400SH70 400SHV70	O	1339	372	53.4	1480	263.1	400	74	15.9
		2232	620	42.5		298.7		86.5	
		2678	744	34.2		343.6		72.6	
	A	1253	348	47.3	1480	213.5	315	75.6	15.9
2088		580	36	242.3		84.5			
B	2505.5	696	28.3	1480	278.6	250	69.3	15.5	
	1192	331.1	39		174.2		72.7		
C	1987	552	30	1480	198	200	82	15.5	
	2384.5	662.4	22.6		227.5		64.5		
400SH67 400SHV67	O	1114.5	309.6	33.2	1480	142	200	71	9.2
		1858	516.1	25		161.2		78.5	
		2229	619.2	20		185.4		65.5	
	A	1566	435	85	1480	467	560	77.6	9.5
2610		725	70	562.2		88.5			
B	3132	870	60	1480	601	400	85.2	9.3	
	1458	405	74		398		73.8		
C	2430	675	60	1480	456.4	315	87	9.3	
	2916	810	50		471		84.3		
400SH32 400SHV32	O	1339	371.9	64	1480	328	400	71.1	9.2
		2232	620	50		353.4		86	
		2678	743.9	42		370		82.8	
	A	1242	345	52	1480	282	315	62.4	9.3
2072		575	38	271.2		79			
B	2484	690	30	1480	265	560	76.6	9.48	
	1469	408.1	83		418		79.4		
C	2448	680	67	1480	507.6	500	88	9.45	
	2938	816.1	57		523		87.2		
400SH32 400SHV32	O	1361	378.1	73	1480	355	400	76.2	9.2
		2268	630	59.5		422.4		87	
		2722	756.1	49		428		84.9	
	A	1253	348.1	64	1480	298	315	73.3	9.2
2088		580	50	334.5		85			
B	2506	696.1	43	1480	347	200	84.6	9.2	
	1166	323.9	53		254		66.3		
C	1944	540	41.5	1480	264.7	315	83	9.2	
	2333	648.1	34		270		80		

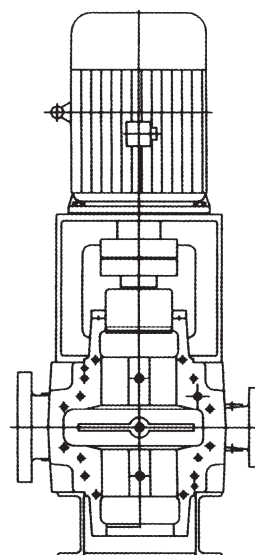


Installazione tipica

Typical installation



Orizzontale Horizontal



Verticale Vertical

Installazione tipica

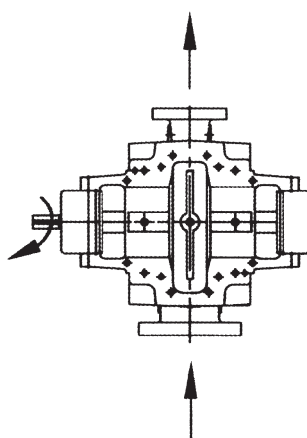
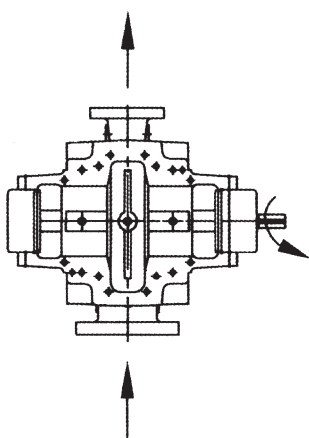
Typical installation

Antiorario
visto dal lato motore
Counter clockwise
Viewed from the
driving side

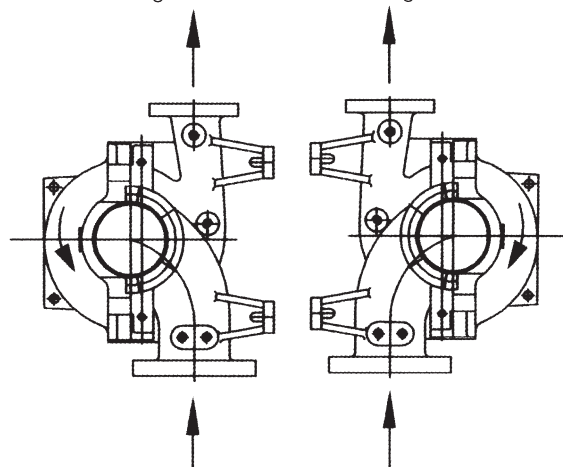
Orario
visto dal lato motore
Clockwise
Viewed from the
driving side

Antiorario
visto dal lato motore
Counter clockwise
Viewed from the
driving side

Orario
visto dal lato motore
Clockwise
Viewed from the
driving side



Orizzontale (vista verticale)
Horizontal (Vertical view)



Verticale (vista verticale)
Vertical (Vertical view)

Materiali

Materials

DENOMINAZIONE / DENOMINATION	ECECUZIONE / EXECUTION	
	GB	GX
Corpo Casing	G25 A 278 Cl. 275	
Girante Impeller	BZN9 B 584 C 83600	AISI 316 A 351 CF8M
Albero Shaft	AISI 420 A 276 Ty. 420	
Camicia albero Shaft sleeve	AISI 420 A 276 Ty. 420	AISI 316 A 276 Ty. 316
Anelli usura Wear ring	BZN5 B 584 C 83450	AISI 316 A 276 Ty. 316

Descrizione

APPLICAZIONI:

Le pompe della serie SH e SHV sono monostadio a doppia aspirazione (split-case). Paragonate con altri tipi di pompe, queste garantiscono una lunga durata operativa, alta efficienza, una costruzione all'avanguardia, bassi costi di funzionamento, una manutenzione semplice. Le applicazioni principali riguardano: servizi di acquedotto, impianti centralizzati di riscaldamento, sistemi di condizionamento, sistemi antincendio, impianti di trattamento acque, stazioni di drenaggio, erogazione energia, industria navale, industria chimica e petrolchimica, ecc.

La gamma è composta da 58 modelli con bocche di aspirazione da 125 a 450 mm.

COSTRUZIONE

Le pompe della serie SH e SHV sono monostadio a doppia aspirazione, a divisione assiale (split-case). Progettate per installazione orizzontale o verticale; in funzione delle esigenze del Cliente, l'estremità d'albero può essere montata a destra o a sinistra della pompa stessa. Le flange possono essere in accordo alle norme ISO, DIN o ANSI. Le bocche di aspirazione e di mandata sono posizionate orizzontalmente sotto il centerline della pompa. Per la manutenzione della pompa, senza scollegare la pompa stessa dall'impianto e dal motore e con il solo smontaggio del coperchio, è possibile rimuovere la parte rotante.

La tenuta può essere a baderna o con tenuta meccanica. In entrambi i casi, la sostituzione è estremamente semplice e non richiede lo smontaggio della pompa. La pressione di progetto del corpo pompa può essere PN16 o PN25.

La girante a doppia aspirazione ad alta efficienza garantisce un funzionamento stabile, bassi costi di funzionamento, bassa rumorosità, minime vibrazioni e una lunga vita operativa.

L'albero è completamente protetto e conseguentemente non ha contatti con il liquido pompato; ciò garantisce una più lunga durata e previene qualsiasi tipo di corrosione.

Le camicie d'albero possono essere realizzate in un'ampia gamma di materiali.

La costruzione standard prevede la presenza di anelli di usura sul corpo.

I supporti cuscinetti hanno la predisposizione per il loro raffreddamento.

I cuscinetti sono lubrificati a grasso.

Description

APPLICATIONS:

SH & SHV series are single stage, double suction centrifugal pumps. Compared with other types of pumps, they feature long service life, high efficiency, advanced construction, low costs of operation, friendly maintenance and service. They are mainly used for municipal water supply, central heating, airconditioning systems, fire systems, water treatment, drainage pumps stations, power plants, shipindustry, chemical & oil industries, etc.

The range includes 58 models with suction branch diameters from 125 to 450 mm.

CONSTRUCTION

SH & SHV series are single stage, double suction, axial split case, volute centrifugal pumps. Designed for both horizontal and vertical installation. According to Customer's requirements, shaft end, in horizontal version, can be either on the right-hand side or on the left-hand side of the pump. Flanges can be according to ISO, DIN, ANSI standards. Suction and discharge branches are located horizontally below the pump shaft centerline. When maintenance is needed, simply open the pump cover and remove the rotating assembly, without disconnecting the pump from the pipeline or from the motor.

The pump can be equipped with either packing ring or mechanical seal. Either way, seal replacement is extremely easy and there is no need to disassemble the pump.

The design pressure of pump casing is PN16 and PN25.

High efficiency double suction impeller grants stable operation, low energy cost, low noise, minimum vibrations and long service life.

The pump shaft is completely sealed and consequently it has no contacts whatsoever with the pumped fluid, thus granting a longer life and preventing any corrosion.

Shaft sleeves are available in a variety of materials.

Casing wear rings are provided in standard version.

Provision for cooling chamber in the bearing housing.

Bearings are grease lubricated.



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