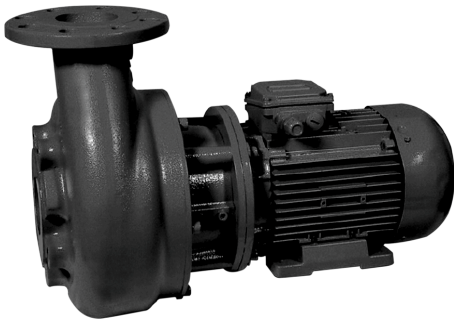
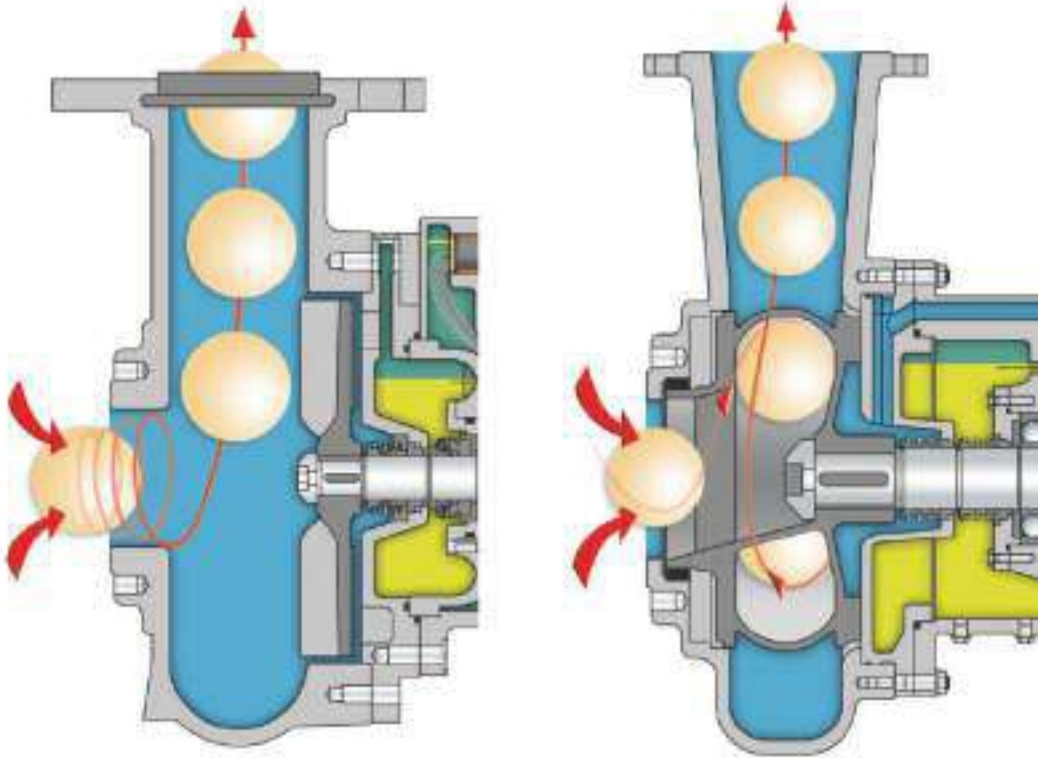


MB Series (Surface sewage Monoblock Pump) Vortex & Single-Channel Impeller

0,55 - 11 kW
Discharge size
DN 50 - 65 - 80 - 100 - 150

Technical features



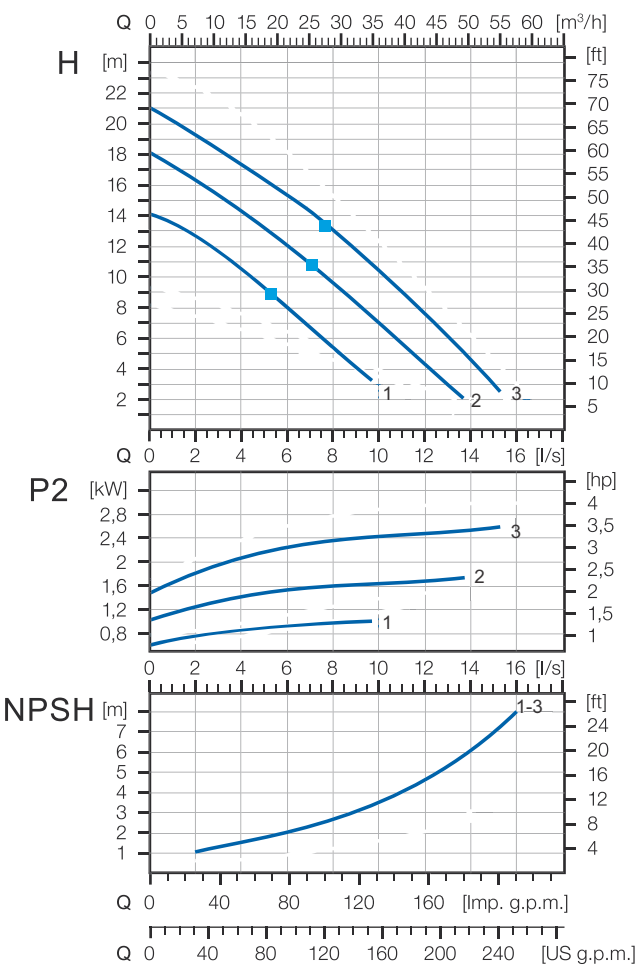
1. Pressure tight electric motor
Insulation class F. Protection degree IP 55
Speed: 960 - 1450 - 2850 rpm.
Voltage: Three-phase 3x380/415V-50 Hz. Different voltage and frequency on request.
2. Shaft in stainless steel AISI 420
3. Bearings over-dimensioned long-life
4. Double mechanical seal in oil chamber
Water side: silicon carbide/silicon carbide
Motor side: silicon carbide/silicon carbide
5. Impeller: spiral, single-channel, vortex
6. Elastic joint
7. Oil chamber probe
8. Pump body
9. Wear ring

PRODUCTS IDENTIFICATION CODE

F	XX	50.	1,5	-	4	/ 160.18	MB
• FIPS PRODUCTION	• IMPELLER DESIGN Gb - VORTEX MC - SINGLE CHANNEL CLOSED	• SERIES NAME	• P2 MOTOR NOMINAL POWER	• NO. OF POLES (MOTOR SPEED)	• IMPELLER DIAMETER	• MONO BLOCK (SURFACE PUMP)	

FGb 50 - 2 MB

PERFORMANCE CURVES



PERFORMANCE TABLE																		
No	Model - Type	P1 kW	P2 kW	Volt	Amp	rpm	DN	Ø mm	l/sec m3/h	0	4	8	12	16	20	24	28	32
1	FGb 50.1,5-2/125.22 MB	1,85	1,5	3X400	3,2	2850	50	45		14,1	10,5	5,4						
2	FGb 50.2,2-2/140.22 MB	2,6	2,2	3X400	4,7	2850	50	45		18,0	14,3	9,7	4,2					
3	FGb 50.3-2/155.22 MB	3,6	3	3X400	6,1	2850	50	45		20,9	17,4	13,0	7,7					

FG 50



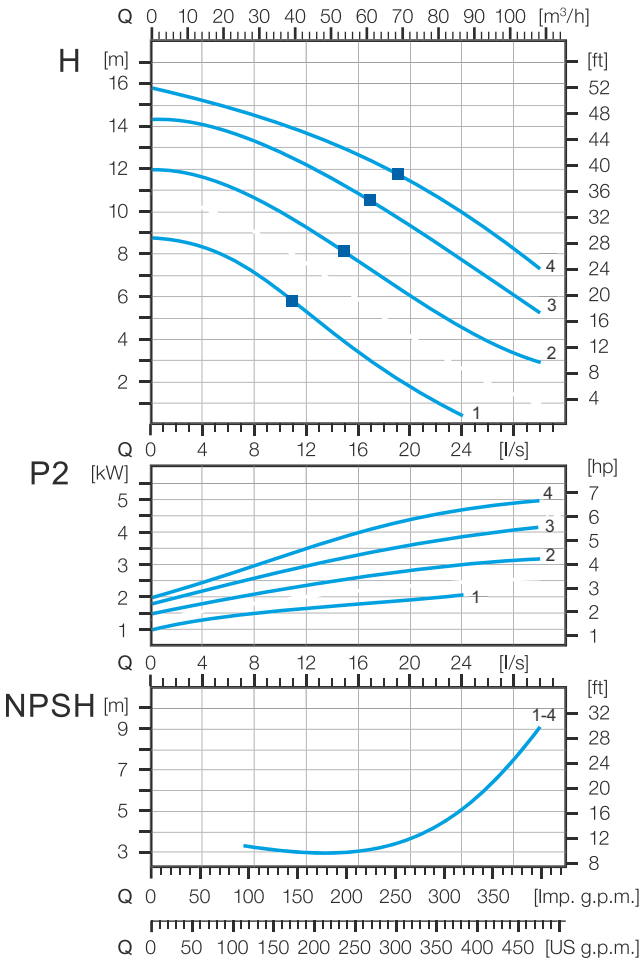
FG 65



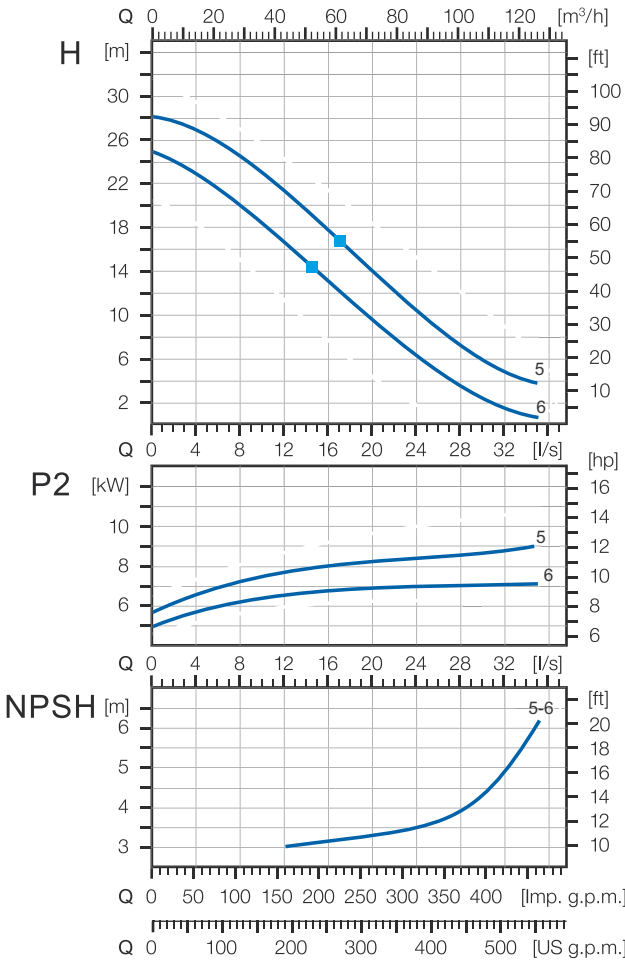
FGb 65 - 4/2 MB

PERFORMANCE CURVES

FGb 65 - 4



FGb 65 - 2



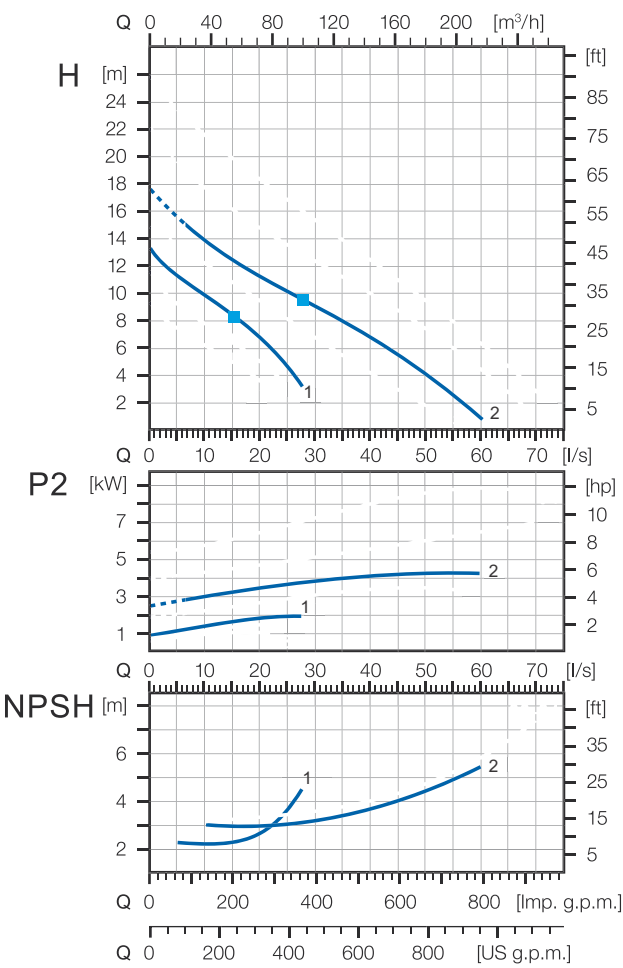
PERFORMANCE TABLE																		
No	Model - Type	P1 kW	P2 kW	Volt	Amp	rpm	DN	Ø mm	l/sec m³/h	0	4	8	12	16	20	24	28	32
										0	14,4	28,8	43,2	57,6	72	86,4	101	115,2
1	FGb 65.2,2-4/170.45 MB	2,6	2,2	3X400	4,8	1450	65	65	H m	8,8	8,3	7,1	5,3	3,4	1,8	0,5		
2	FGb 65.4-4/200.45 MB	4,8	4	3X400	8,3	1450	65	65		12,0	11,6	10,6	9,4	7,7	6,0	4,5	3,4	
3	FGb 65.5,5-4/215.45 MB	6,4	5,5	3X400	11	1450	65	65		14,4	14,0	13,3	12,2	10,8	9,4	7,7	6,1	
4	FGb 65.5,5-4/225.45 MB	6,4	5,5	3X400	11	1450	65	65		15,8	15,2	14,5	13,7	12,6	11,4	10,0	8,2	
5	FGb 65.7,5-2/155.45 MB	8,4	7,5	3X400	13,9	2850	65	65		25,0	23,0	20,0	16,4	13,2	9,6	6,3	3,5	1,2
6	FGb 65.11-2/165.45 MB	12,2	11	3X400	20	2850	65	65		28,2	26,8	24,5	21,5	17,7	14,0	10,3	7,3	4,8



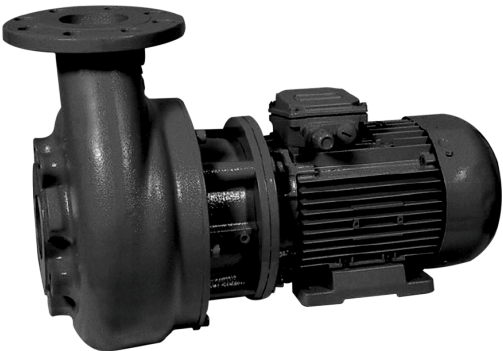
FMc 80/100 - 4 MB

PERFORMANCE CURVES

FMc 80/100 - 4

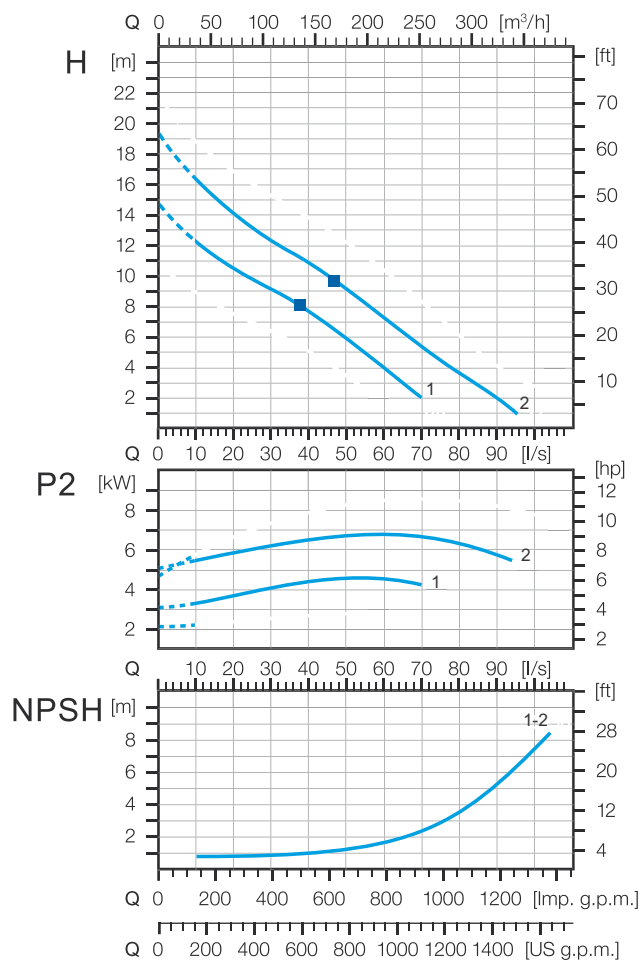


PERFORMANCE TABLE																	
No	Model - Type	P1 kW	P2 kW	Volt	Amp	rpm	DN	Ø mm	l/sec m³/h	0	10	20	30	40	50	60	70
										0	36	72	108	144	180	216	252
1	FMc 80.3-4/212 MB		3	3X400		1450	80	73	H m	13,2	9,8	6,7					
2	FMc 100.5,5-4/230 MB	6,4	5,5	3X400	11	1450	100	100		17,6	13,9	11,3	9,1	6,7	4,2	1	



FMc 150-6 MB

PERFORMANCE CURVES



PERFORMANCE TABLE																				
No	Model - Type	P1 kW	P2 kW	Volt	Amp	rpm	DN	Ø mm	l/sec											
									m³/h	0	10	20	30	40	50	60	70	80	90	100
1	FMc 150.5,5-6/313 MB	6,4	5,5	3X400	11,8	960	150	100	H	14,8	12,3	10,5	9,2	7,7	5,8	4	2			
2	FMc 150.7,5-6/357 MB	8,5	7,5	3X400	15,2	960	150	100	m	19,4	16,5	14,2	12,4	11,4	9,2	7,3	5,2	3,7	2	