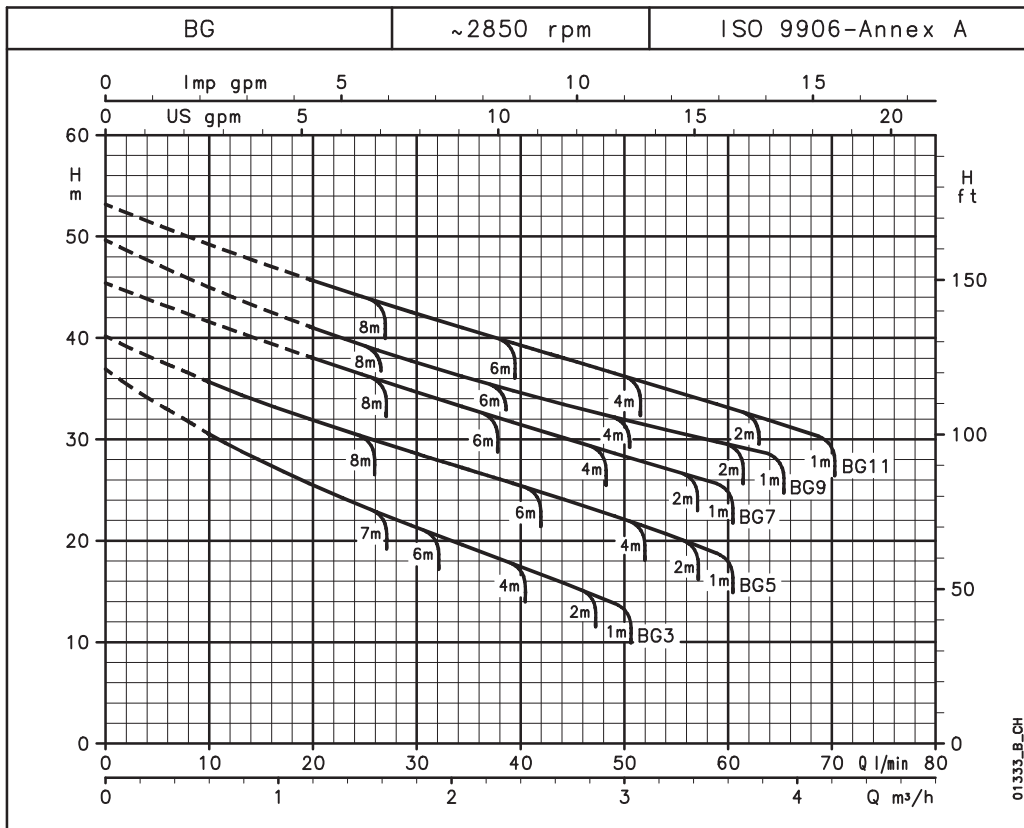


1 BG SERIES

Operating characteristics at 50 Hz



Hydraulic performance table

PUMP TYPE	RATED POWER		Q = DELIVERY									
			l/min	0	10	20	30	40	50	60	65	70
			m ³ /h	0	0,6	1,2	1,8	2,4	3	3,6	3,9	4,2
	kW	HP	H = TOTAL HEAD IN COLUMN OF WATER (METRES)									
BG(M)3	0,37	0,5	36,9	30,6	25,6	21,5	17,7	13,8				
BG(M)5	0,55	0,75	40,2	35,7	32,0	28,8	25,7	22,4	18,8			
BG(M)7	0,75	1	45,4		38,1	34,8	31,7	28,6	25,6			
BG(M)9	0,9	1,2	49,6		41,1	37,7	34,8	32,2	29,8	28,6		
BG(M)11	1,1	1,5	53,2		45,8	42,5	39,5	36,5	33,5	31,9	30,3	

Maximum delivery depends on geodetic suction lift with clean 8 m pipe and 1 1/4" foot valve.

bg-2p50_a_th

These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

Electrical data

PUMP TYPE	MOTOR TYPE	INPUT			PUMP TYPE	MOTOR TYPE	INPUT		
		POWER*	CURRENT*	CAPACITOR			POWER*	CURRENT*	CURRENT*
1 ~		kW	A	$\mu\text{F} / 450 \text{ V}$	3 ~		A	A	
BGM3	SM63BG/1045	0,67	2,96	14	BG3	SM63BG/304	0,68	2,56	1,48
BGM5	SM71BG/1055	0,91	4,33	16	BG5	SM71BG/305	0,81	2,74	1,58
BGM7	SM71BG/1075	1,11	5,00	20	BG7	SM80BG/307HE	1,07	3,32	1,92
BGM9	SM71BG/1095	1,24	5,54	25	BG9	SM80BG/311HE	1,15	3,65	2,11
BGM11	SM80BG/1115	1,43	6,47	30	BG11	SM80BG/311HE	1,34	4,12	2,38

*Maximum value in specified range.

bg-2p50-en_b_te