

BMV-Replace with Danfoss OMV SERIES,M+S EPMV/MLHV SERIES

Parameters

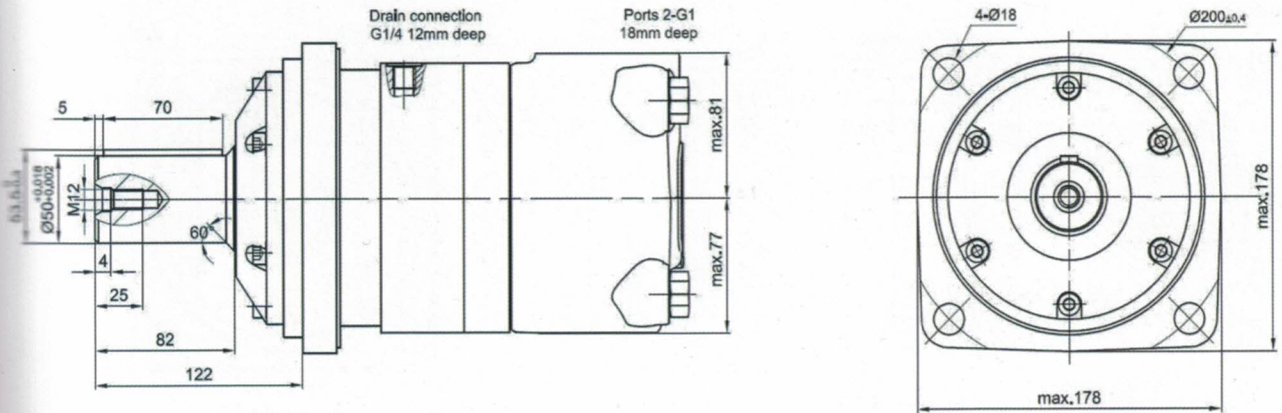
Type		BMV-315	BMV-400	BMV-500	BMV-630	BMV-800	BMV -1000
Displacement		333	419	518	666	801	990
Max. speed (rpm)	cont.	510	500	400	320	250	200
	int.	630	600	480	380	300	240
Max. torque (N•m)	cont.	920	1180	1460	1660	1880	2015
	int.	1110	1410	1760	1940	2110	2280
	peak	1290	1640	2050	2210	2470	2400
Max. output (kW)	cont.	38	47	47	40	33	28.6
	int.	46	56	56	56	44	40
Max. pressure drop (MPa)	cont.	20	20	20	18	16	14
	int.	24	24	24	21	18	16
	peak	28	28	28	24	21	18
Max. flow(L/min)	cont.	160	200	200	200	200	200
	int.	200	240	240	240	240	240
Weight(kg)		31.8	32.6	33.5	34.9	36.5	38.6

Selection

1	2	3	4
Series	Displacement	Flange	Output shaft
BMV	315	Code 4: 4-Ø18 Square-flange , Ø200 , pilot Ø 160*11 Code W : 4-Ø18 Wheel-flange , Ø224 , pilot Ø 180*10	Code A: Ø50 ,Parallel key 14×9×70 Code B: Ø2.15 inch, Splined key 15-DP8/16 (US version) Code BD: Ø2.15 inch, Splined key 15-DP8/16 (Europe version) Code C: Ø2.25 inch, Parallel key 12.7×12.7×57.15 Code T: Ø 60 Cone shaft 1:10 ,Parallel key 16×10×32 Code T1: Ø 57.2 Cone shaft 1:8, Parallel key 14.308×14.308×50.8(With locknut)
	400		
	500		
	630		
	800		
	1000		
5	6	7	8
Port and drain port	Rotation direction	Paint	Unusually function
Code D: G 1 Manifold mount 4*M12,G1/4 Code M : M33*2 Manifold mount 4*M12,M14*1.5 Code S: 1-5/16-12UN,9/16-18UNF Code S1: 1-5/16-12UN ,7/16-20UNF	Omit: Standard Code R: Opposite	Omit: Blue Code 00: No paint Code B: Black Code S: Silver Grey	Omit: Standard

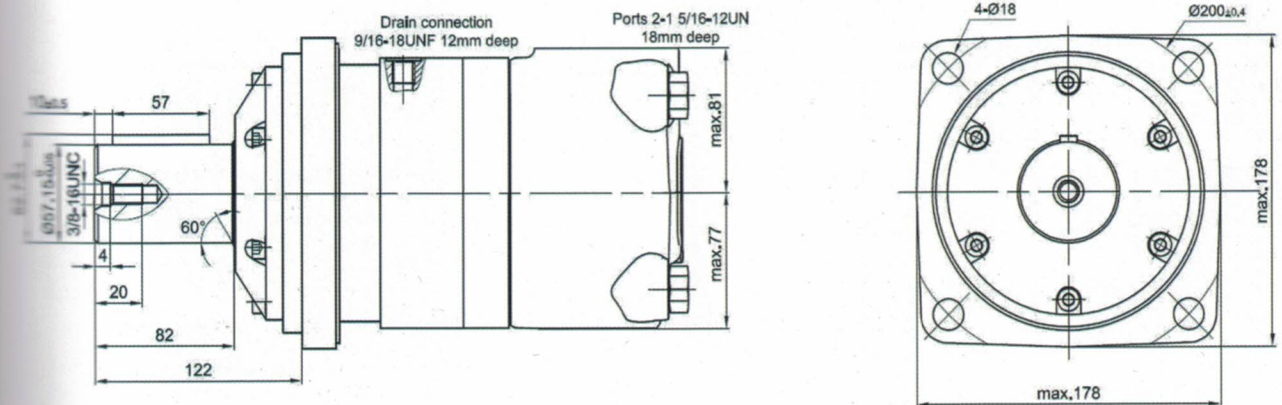
Popular model drawing

BMV-x-4-A-D**



HPM Model	Danfoss Model	With Drain Port	M+S Model	L mm	L1 mm	L2 mm
BMV-315-4-A-D	151B-3100		EPMV-315-C**	217	20	161.5
BMV-400-4-A-D	151B-3101	EPMV-400-C**	224	27	168.5	
BMV-500-4-A-D	151B-3102	EPMV-500-C**	232	35	176.5	
BMV-630-4-A-D	151B-3103	EPMV-630-C**	244	47	188.5	
BMV-800-4-A-D	151B-3104	EPMV-800-C**	255	58	199.5	
BMV-1000-4-A-D			271	74	215.5	

BMV-x-4-C-S**



HPM Model	Danfoss Model	With Drain Port	M+S Model	L mm	L1 mm	L2 mm
BMV-315-4-C-S	151B-2150		MLHV-315-C**	217	20	161.5
BMV-400-4-C-S	151B-2151	MLHV-400-C**	224	27	168.5	
BMV-500-4-C-S	151B-2152	MLHV-500-C**	232	35	176.5	
BMV-630-4-C-S	151B-2153	MLHV-630-C**	244	47	188.5	
BMV-800-4-C-S	151B-2154	MLHV-800-C**	255	58	199.5	
BMV-1000-4-C-S			271	74	215.5	