

HVM Heavy duty hydraulic orbit motor



HVM -Replace with Danfoss TMV ,M+S MVM

Parameters

Type		HVM315	HVM400	HVM500	HVM630	HVM800
Displacement(CC)		314.6	400.9	499.7	629.1	801.7
Max. speed (rpm)	cont.	636	500	400	315	250
	int.	763	600	480	380	300
Max. torque (N•m)	cont.	1150	1440	1800	2270	2590
	int.	1600	2000	2600	3100	3400
	peak	1800	2300	2860	3600	4020
Max. output (KW)	cont.	67	67	67	67	67
	int.	112	112	112	112	112
Max.pressure drop (Mpa)	cont.	25	25	25	25	22.5
	int.	35	35	35	35	30
	peak	40	40	40	40	35
Max.Oil Flow (Lpm)	cont.	200	200	200	200	200
	int.	240	240	240	240	240
Max.inlet pressure (Mpa)	cont.	27	27	27	27	27
	int.	37	37	37	37	37
	peak	42	42	42	42	42
Weight(kg)		41.7	42.9	46.3	49	50.9

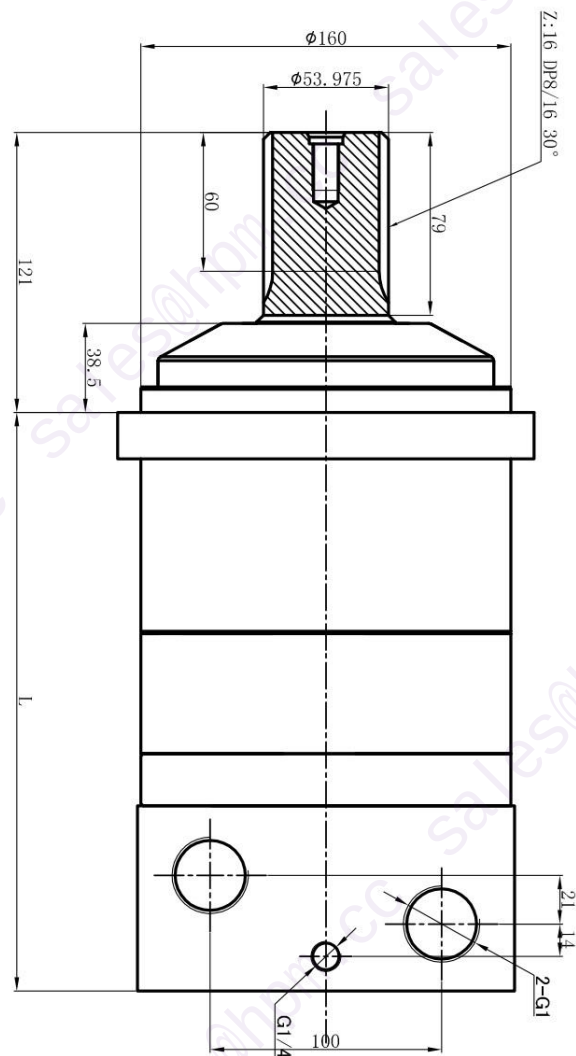
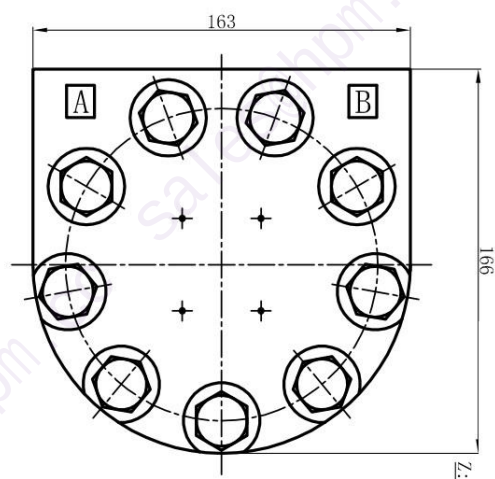
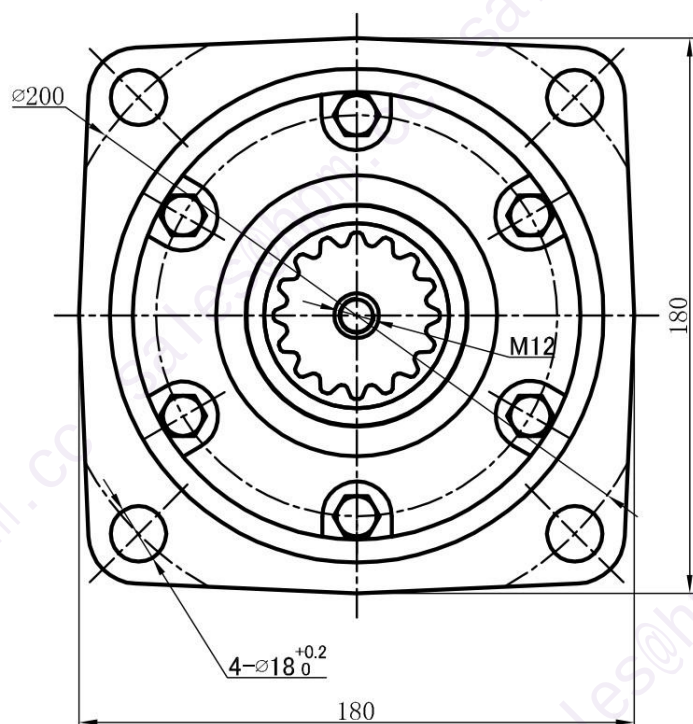
Selection

1	2	3	4
Series	CC	Flange	Output shaft (mm)
HVM	315	Code F4: 4-Ø18 Square-flange , Ø200 , pilot Ø160*11	Code B: Ø53,975;79 length,Splined 16-DP8/16 (US) Code BD: Ø53,975;79 length,Splined 16-DP8/16 (Europe) Code C: Ø50 ;79 length, Parallel key 14×9×70 Code C1: Ø57.15;79 length,Parallel key 12.7*12.7*57.15 Code C2: Ø57.15;99 length, Parallel key 12.7*12.7*57.15 Code T1: Ø 57.2 Cone shaft 1:8,Parallel key 14.308×14.308×50.8
	400		
	500		
	630		
	800		
5	6	7	8
Port and drain port	Rotation directio	Paint	Unusually function
Code D: G 1 ,G1/4 Code S: 1-5/16-12UN,9/16-18UNF	Omit: Standard Code R: Opposite	Omit: Blue Code 00: No paint Code B: Black Code S: Silver Grey	Omit: Standard

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Popular model drawing
HVM-X-F4-BD-D



(Displacement)	315	400	500	630	800
L	224	231	240	250	264