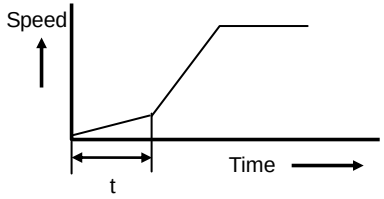
Mode name	Function name		Direct call number	Operability	Factory setting GMFY	Unit	Setting range	Function name Digital display	Setting		Specification
A mode +	S-character cushion	**SC.**	0106	O	OF	-	-	SC.	on oF	ON OF	The speed change curve is accelerated slowly for the t time after pedal toe down or the external run signal (S1) is turned ON, and then the sewing machine accelerates rapidly and enters the high speed operation. This is effective when carrying out one stitch sewing with the external run signal (S1) when automatic operation function is set in the P mode. 
	S-character cushion time setting	**SCT.**	0107	O	7	X10 msec	0 ～ 99	SCT.	**	**	The "t" time can set when S-character cushion is set to [ON].
	Full heeling S2 signal operation mode when power is turned on or after thread trimming	**S2M.**	0108	O	FU	-	-	S2n.			The operation mode of the full heeling or S2 signal when the power is turned on or after thread trimming is determined.
									FU	FU	The presser foot lifting operation is entered.
									U	U	The needle lifting operation is entered.
									no	NO	No operation.
									UF	UF	The presser foot lifting operation after needle lifting is entered.
	Sewing machine shaft/motor shaft speed setting selection	**PL.**	0109	O	OF	-	-	PL.	on oF	ON OF	The speed setting is set so that the normal sewing machine shaft speed is constant, but by the [ON] setting, it is possible to operate at the value which was set by the [MR], [SR] function. This is effective when the motor pulley diameter is small, the V belt slips and the sewing machine speed is unstable.
	Setting motor pulley diameter	**MR.**	0110	O	70	mm	20 ～ 349	Mr.	***	***	Set the diameter of motor pulley When "PL" is "ON", this function is valid.
	Setting sewing machine pulley diameter	**SR.**	0111	O	70	mm	20 ～ 349	Sr.	***	***	Set the diameter of sewing machine pulley When "PL" is "ON", this function is valid.
	No detector mode	**NOS.**	0112	O	OF	-	-	noS.	on oF	ON OF	Variable operation is possible when the detector has broken by setting to [ON] to invalidate the detector. The positioning stop and thread trimming operations will not be possible.
	First priority stop => speed control	**STM.**	0114	O	OF	-	-	Stn.	on oF	ON OF	When machine will be stopped, first priority become speed control. (Usually first priority to stop is stopped angle.)
	Brake time	**BKT.**	0115	O	14	X10 msec	0 ～ 99	bkT.	**	**	The brake time for stopping the sewing machine can be set.
	Weak brake angle	**B8.**	0116	O	14	X0.1 degree	4 ～ 500	b8.	**	**	Setting the angle to clear weak break. Minimum setting angle is 0.2 degree.

Mode name	Function name		Direct call number	Operability	Factory setting GMFY	Unit	Setting range	Function name Digital display	Setting		Specification
A mode +	Reduction of weak brake sound	**BNR.**	0117	O	ON	-	-	bnr.	on oF	ON OF	Reducing the sound (noise) of weak brake.
	Weak brake force	**BKS.**	0118	O	99	%	1 ～ 99	bt5.	**	**	The weak brake force can be set.
	Weak brake mode	**BKM.**	0119	O	E	-	-	btn.			The weak brake force can be set for when stopping the sewing machine when the weak brake [BK] is set to [ON].
									E	E	Brake that allows manual rotation.
									H	H	Strong brake.
	Weak brake	**BK.**	0120	O	OF	-	-	bt.	on oF	ON OF	The weak brake validity can be set.