

Outline and Specifications

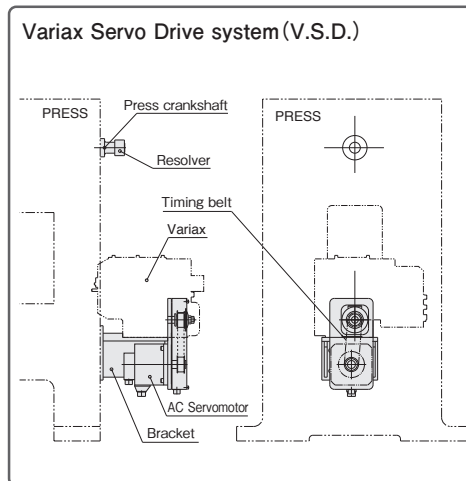
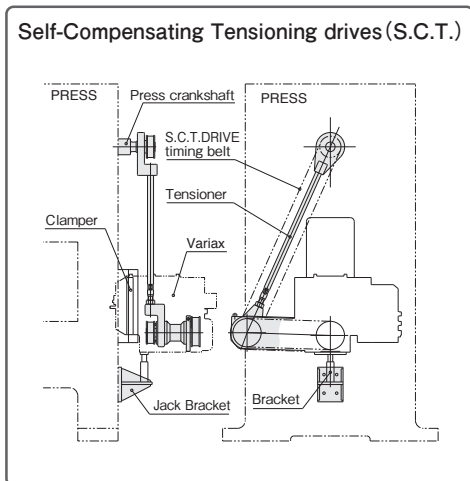
Specifications

Size	Unit	V76	V127W	V230W
Feed length	mm	0 to 76.2	0 to 127	18 to 230
Material thickness*1	mm	0.3 to 3**	0.3 to 3**	0.3 to 2**
Material width	mm	10 to 120	30 to 245	30 to 370
Grip force	N	300 to 3000	500 to 5000	1000 to 30000
Maximum strokes	min ⁻¹	1500	1000	600
Maximum feed rate	m/min	70	70	90
Feed angle	deg	165	165	180
Repeated feed accuracy*2	mm	±0.025	±0.03	±0.03
Pilot release	(°)	Approx. 49	Approx. 49	Approx. 46
Operating air pressure	kPa	490 to 690	490 to 690	490 to 690
Lubricating oil pressure	kPa	290 to 490	290 to 490	290 to 490
Lude flow supply	ℓ/min	1.5 to 2.2	1.5 to 2.2	1.5 to 2.2
Lubrication		Forced lubrication	Forced lubrication	Forced lubrication
Operating power supply	V	100 VAC single phase, 50/60 Hz or 115 VAC 60 Hz		
Product weight	kg	250	400	1300
Product Specification Page		P3	P5	P7

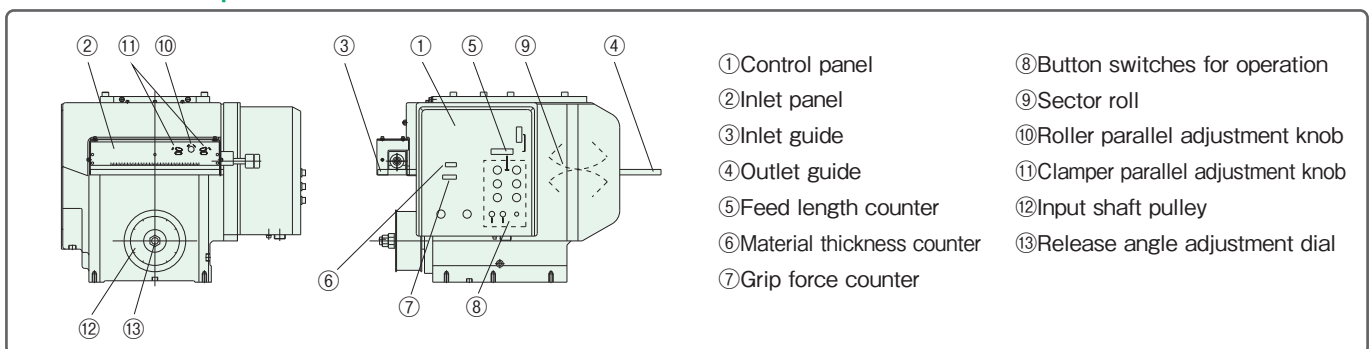
Note 1) If your material is over 1 mm thick, please contact our Sales Department.

Note 2) The feed precision depends on the operating conditions. The values given here are for reference purposes only.

Drive method

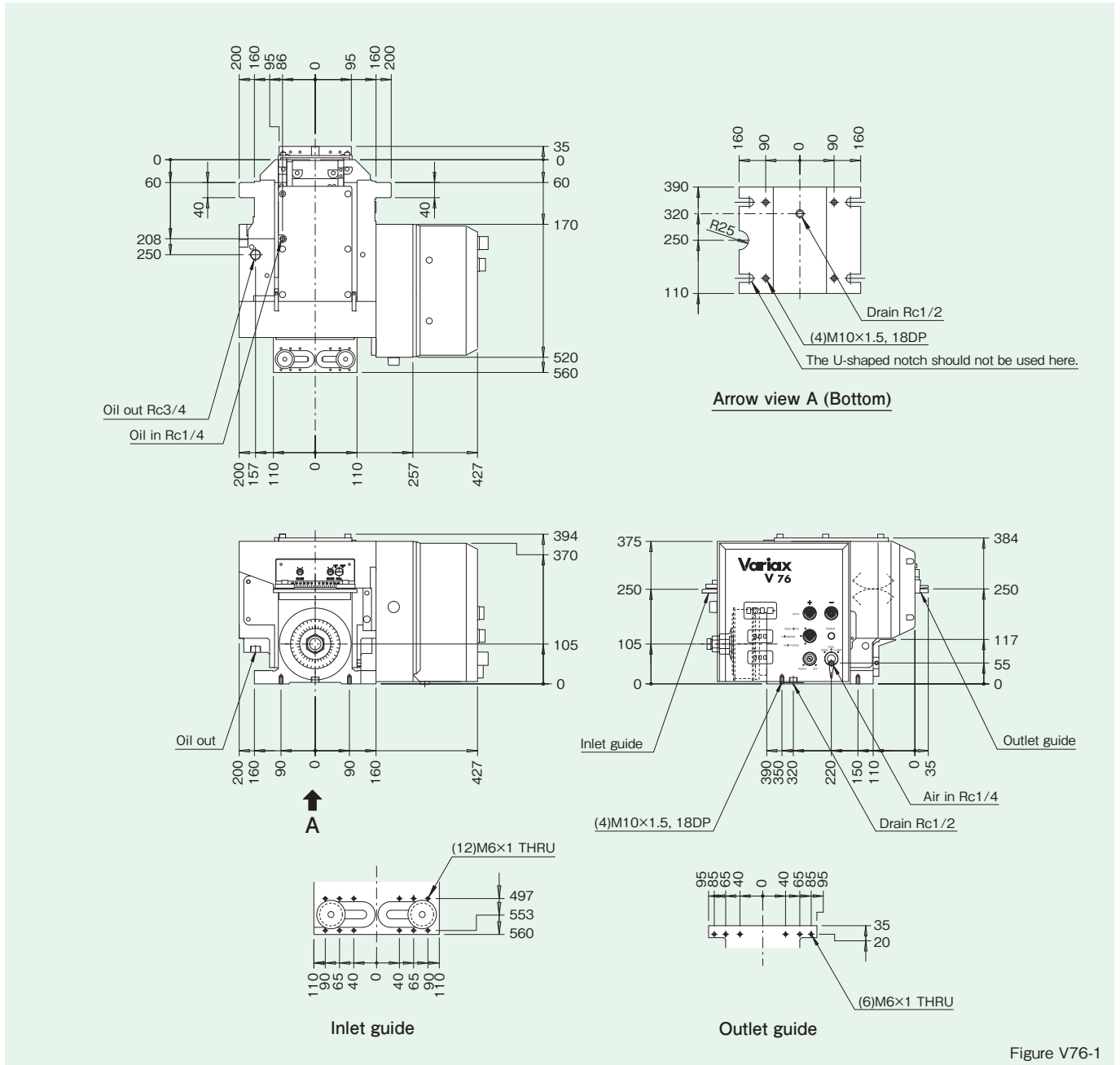


Name of each part



Dimensions

[Unit:mm]



Specification table

Characteristic	Data
Feed length	0 to 76.2 [mm]
Material thickness	0.3 to 3*1 [mm]
Gripping force	300 to 3000 [N]
Material width	10 to 120 [mm]
Maximum number of strokes	1500 [min ⁻¹]
Maximum feed speed	70 [m/min]
Feed Angle	165 [deg]
Repeatability	±0.025*2 [mm]
Pilot Release	Approx. 49 [deg]
Air release	Full adjustable

Characteristic	Data
Operating air pressure	490 to 690 [kPa]
Lubricating oil pressure	290 to 490 [kPa]
Lude flow supply	1.5 to 2.2 [ℓ/min]
Operating power supply	100 VAC single phase [V]
Product weight	250 [kg]
Recommended lubrication oil	Shell Omala S2 G 68
Lubrication system	Forced lubrication
Housing color	5Y7/1
Operation panel color	2.5Y9/0.2

*1 If your material is over 1 mm thick, please contact our Sales Department.

*2 The feed precision depends on the operating conditions. The values given here are for reference purposes only.

1[N·m] ≅ 0.102[kgf·m]

Maximum feed capability chart (Drive method:S.C.T.)

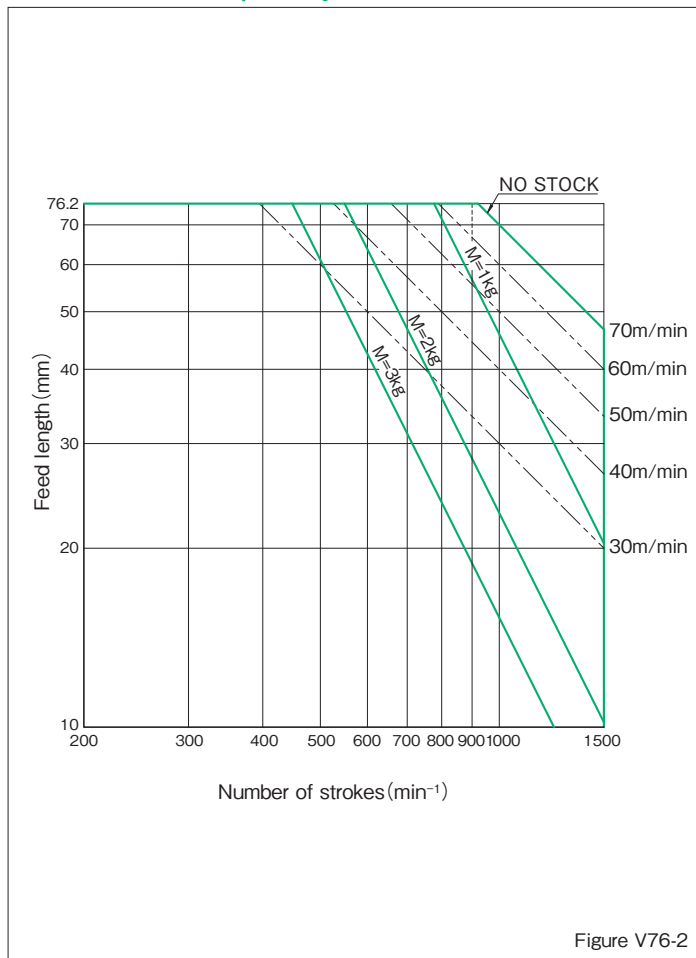


Figure V76-2

Timing chart

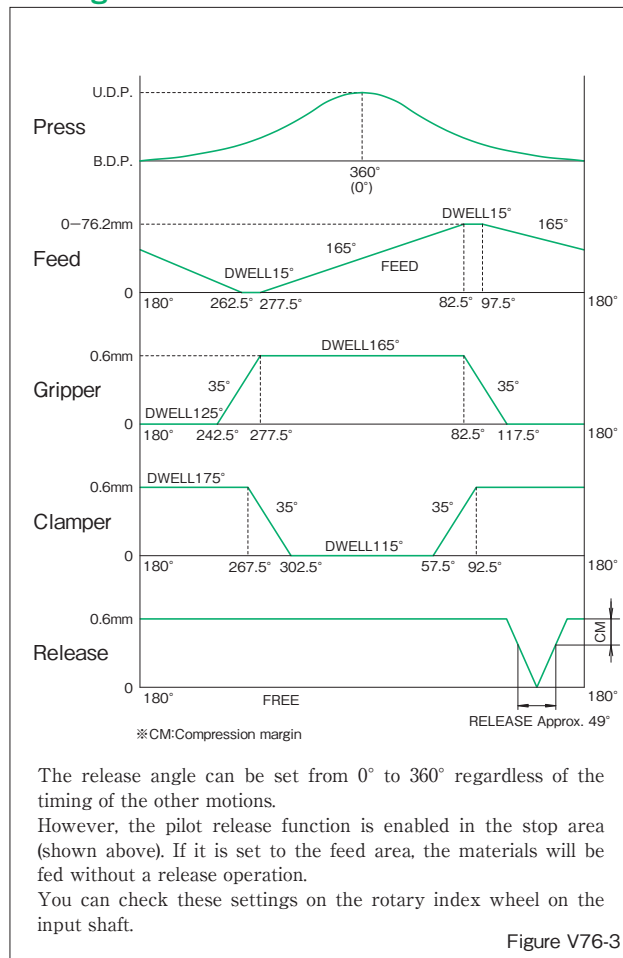


Figure V76-3

The release angle can be set from 0° to 360° regardless of the timing of the other motions. However, the pilot release function is enabled in the stop area (shown above). If it is set to the feed area, the materials will be fed without a release operation. You can check these settings on the rotary index wheel on the input shaft.

Oil pump

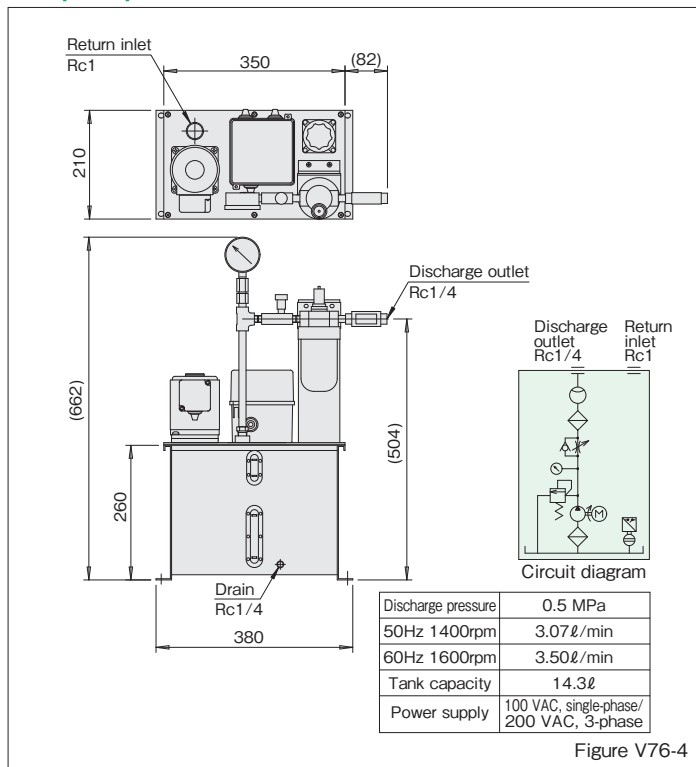


Figure V76-4

Sector roll

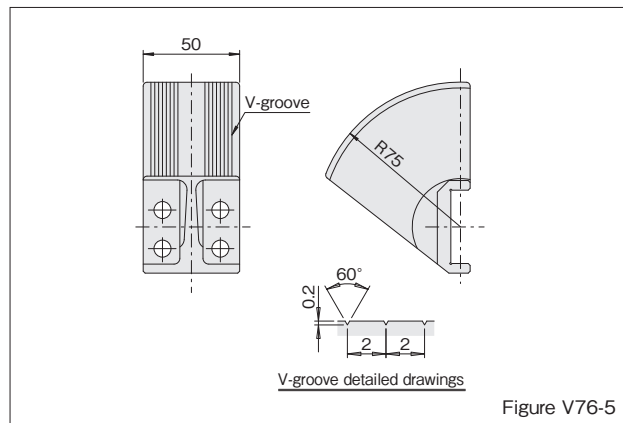


Figure V76-5

Dimensions

[Unit:mm]

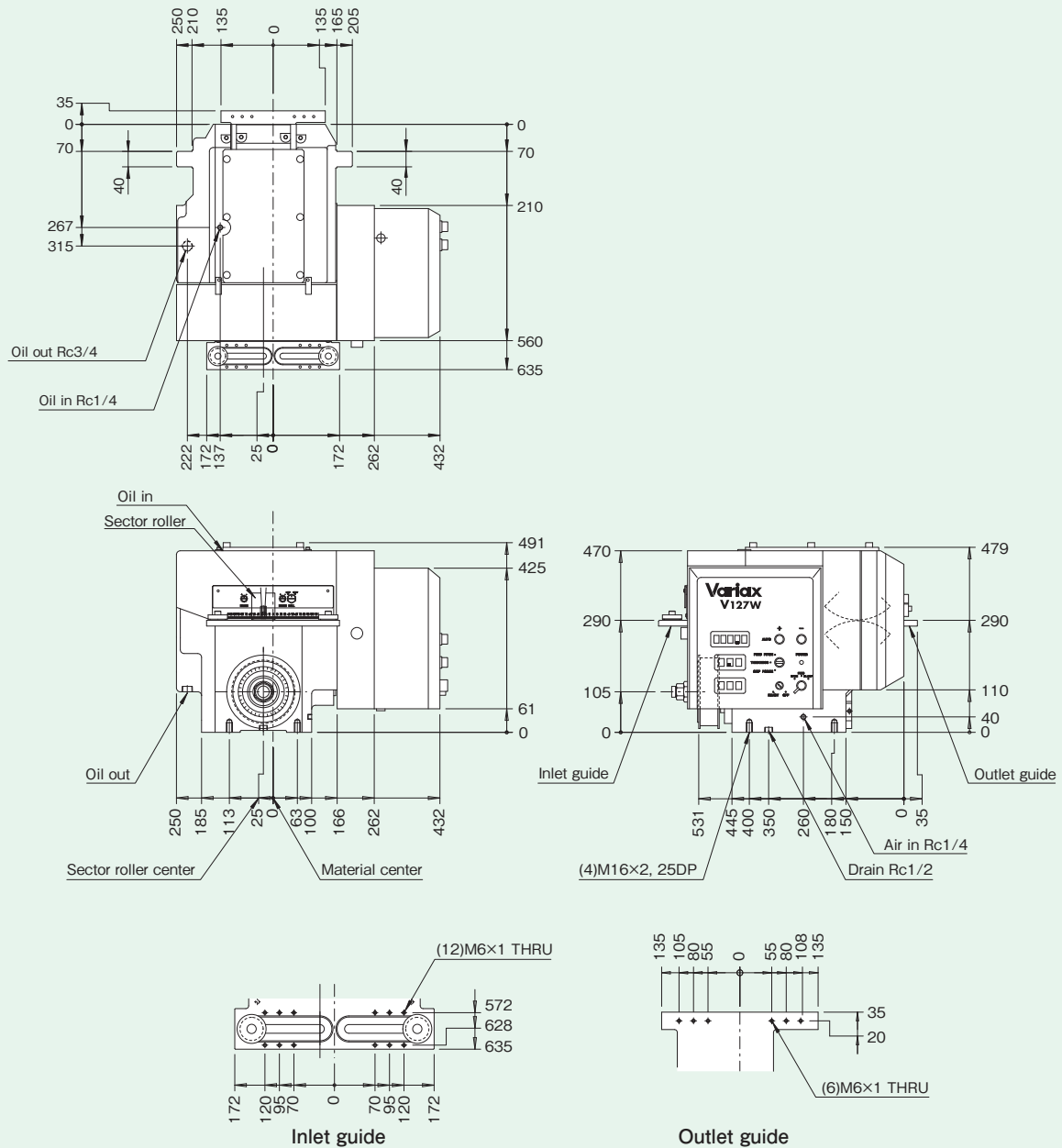


Figure V127W-1

Specification table

Characteristic	Data
Feed length	0 to 127 [mm]
Material thickness	0.3 to 3*1 [mm]
Gripping force	500 to 5000 [N]
Material width	30 to 245 [mm]
Maximum number of strokes	1000 [min ⁻¹]
Maximum feed speed	70 [m/min]
Feed Angle	165 [deg]
Repeatability	±0.03*2 [mm]
Pilot Release	Approx. 49 [deg]
Air release	Full adjustable

Characteristic	Data
Operating air pressure	490 to 690 [kPa]
Lubricating oil pressure	290 to 490 [kPa]
Lude flow supply	1.5 to 2.2 [ℓ/min]
Operating power supply	100 VAC single phase [V]
Product weight	400 [kg]
Recommended lubrication oil	Shell Omala S2 G 68
Lubrication system	Forced lubrication
Housing color	5Y7/1
Operation panel color	2.5Y9/0.2

*1 If your material is over 1 mm thick, please contact our Sales Department.

*2 The feed precision depends on the operating conditions. The values given here are for reference purposes only.

1[N·m] ≒ 0.102[kgf·m]

Maximum feed capability chart (Drive method:S.C.T.)

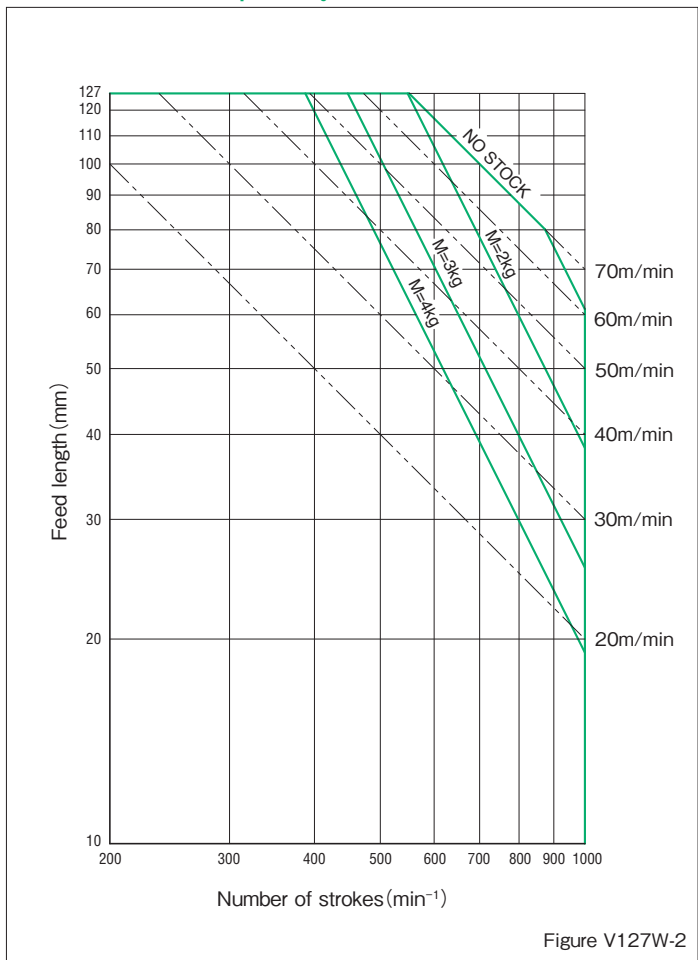


Figure V127W-2

Timing chart

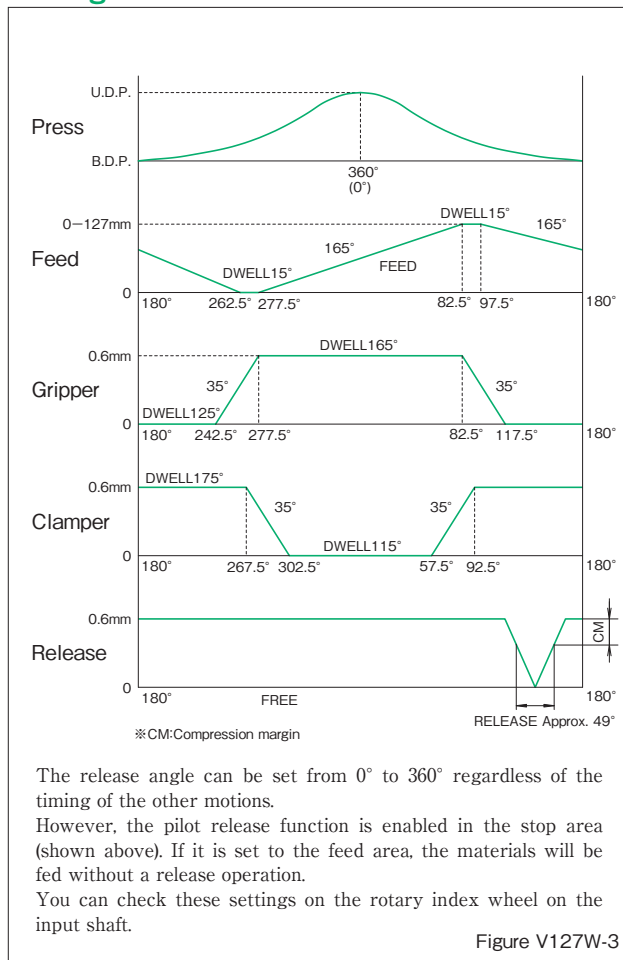


Figure V127W-3

The release angle can be set from 0° to 360° regardless of the timing of the other motions. However, the pilot release function is enabled in the stop area (shown above). If it is set to the feed area, the materials will be fed without a release operation. You can check these settings on the rotary index wheel on the input shaft.

Oil pump

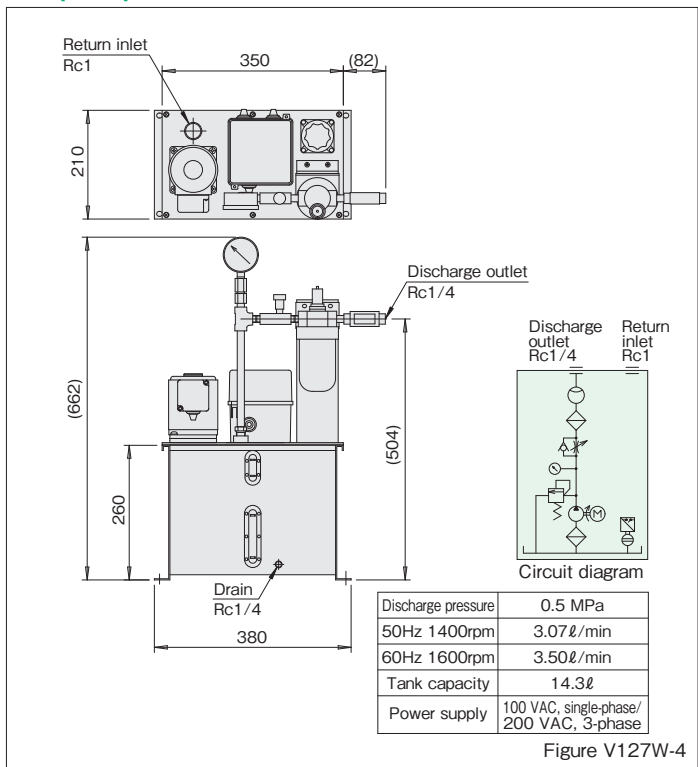


Figure V127W-4

Sector roll

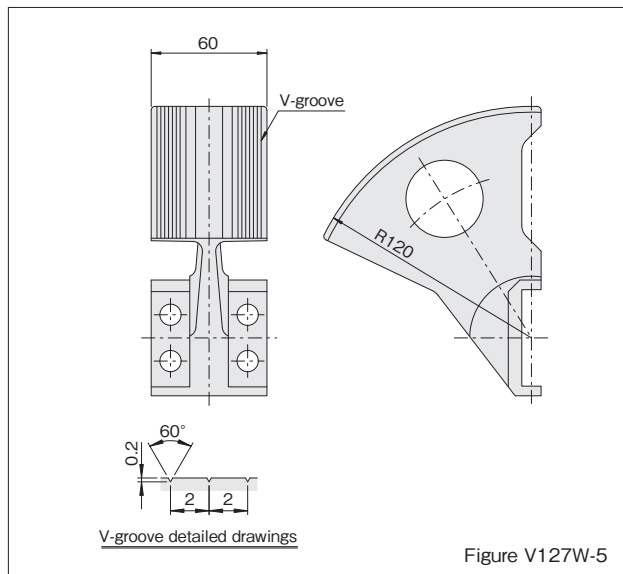


Figure V127W-5

Dimensions

[Unit:mm]

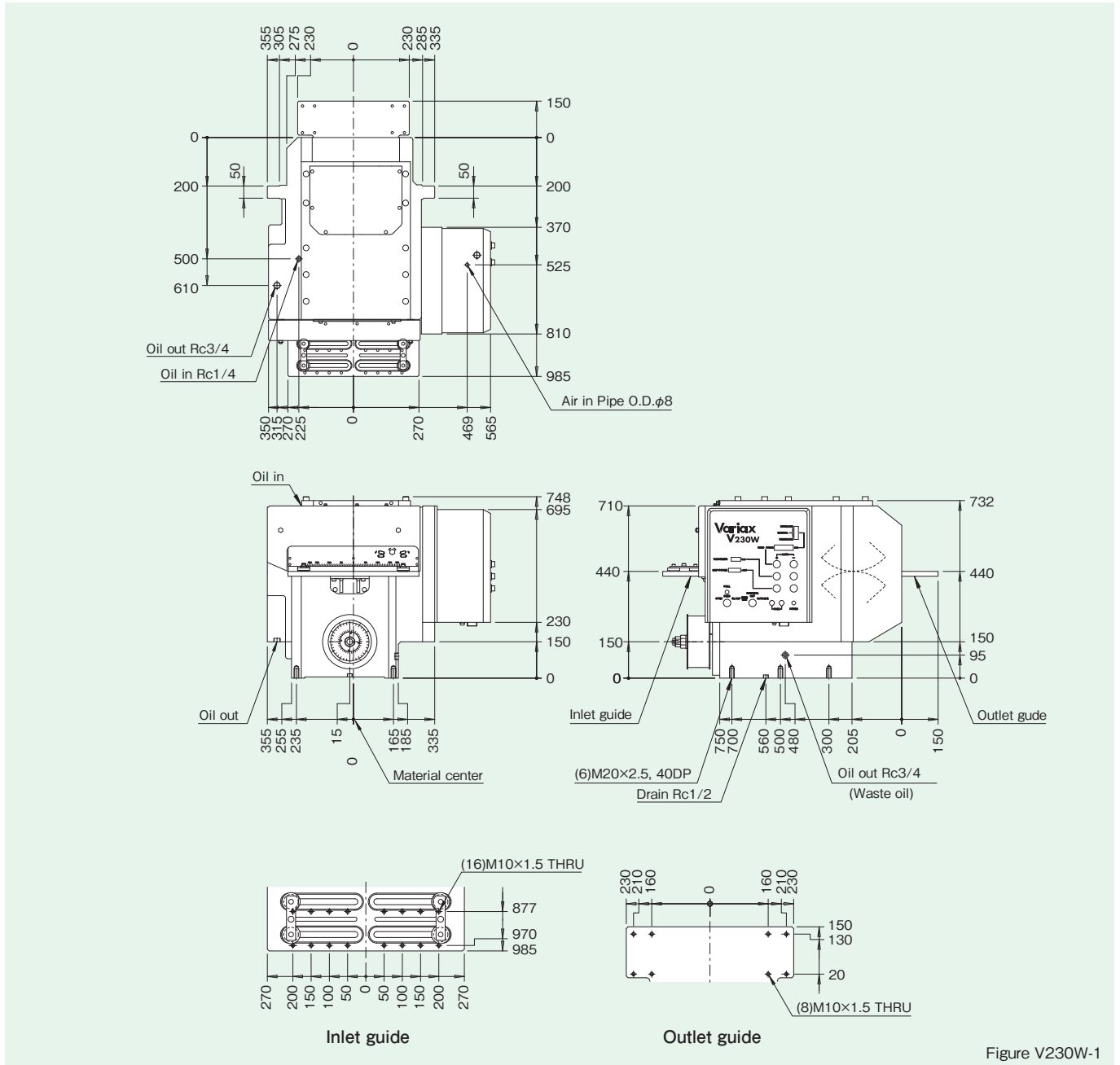


Figure V230W-1

Specification table

Characteristic	Data
Feed length	18 to 230 [mm]
Material thickness	0.3 to 2*1 [mm]
Gripping force	1000 to 3000 [N]
Material width	30 to 370 [mm]
Maximum number of strokes	600 [min ⁻¹]
Maximum feed speed	90 [m/min]
Feed Angle	180 [deg]
Repeatability	±0.03*2 [mm]
Pilot Release	Approx. 46 [deg]
Air release	Full adjustable

Characteristic	Data
Operating air pressure	490 to 690 [kPa]
Lubricating oil pressure	290 to 490 [kPa]
Lude flow supply	1.5 to 2.2 [ℓ/min]
Operating power supply	100 VAC single phase [V]
Product weight	1300 [kg]
Recommended lubrication oil	Shell Omala S2 G 68
Lubrication system	Forced lubrication
Housing color	5Y7/1
Operation panel color	2.5Y9/0.2

*1 If your material is over 1 mm thick, please contact our Sales Department.

*2 The feed precision depends on the operating conditions. The values given here are for reference purposes only.

1[N·m] ≅ 0.102[kgf·m]

Maximum feed capability chart (駆動方法:S.C.T.)

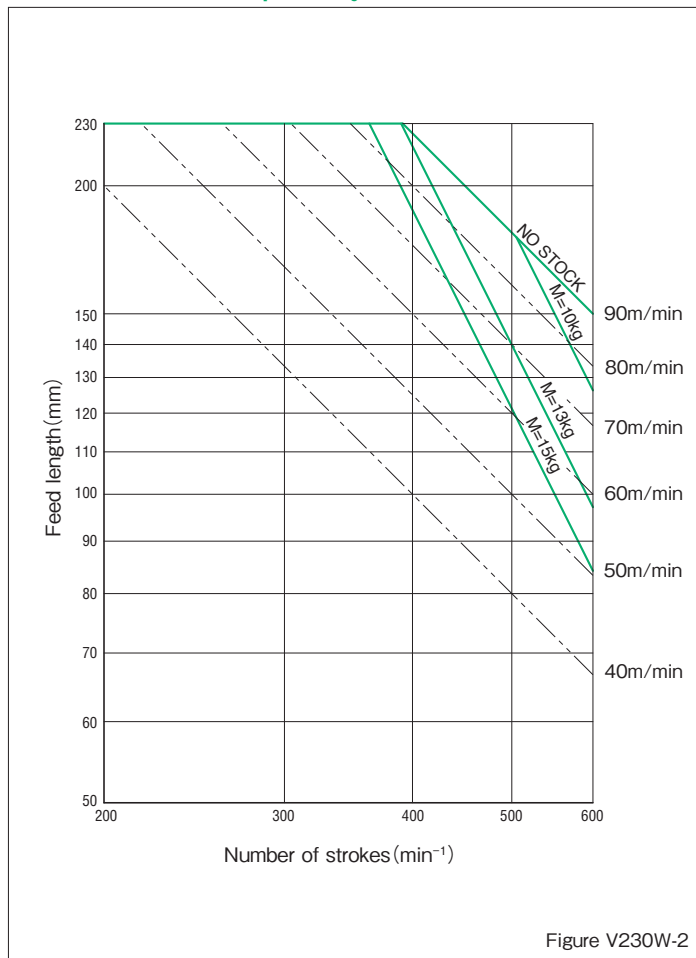


Figure V230W-2

Timing chart

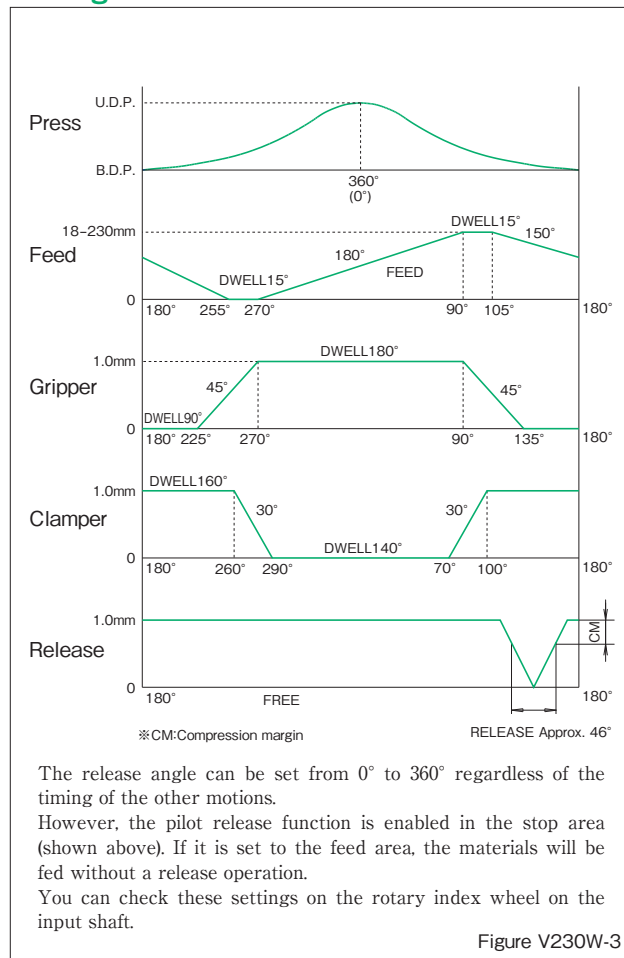


Figure V230W-3

The release angle can be set from 0° to 360° regardless of the timing of the other motions. However, the pilot release function is enabled in the stop area (shown above). If it is set to the feed area, the materials will be fed without a release operation. You can check these settings on the rotary index wheel on the input shaft.

Oil pump

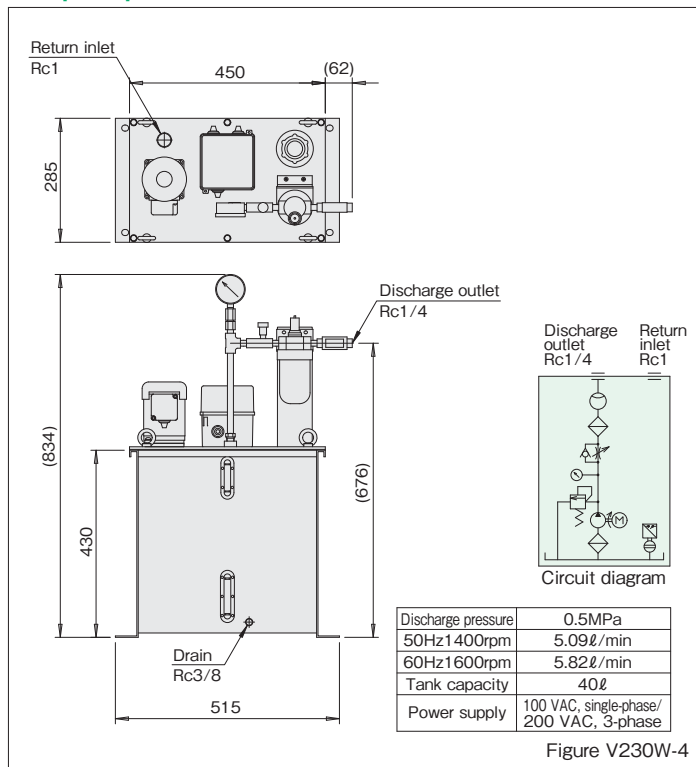


Figure V230W-4

Sector roll

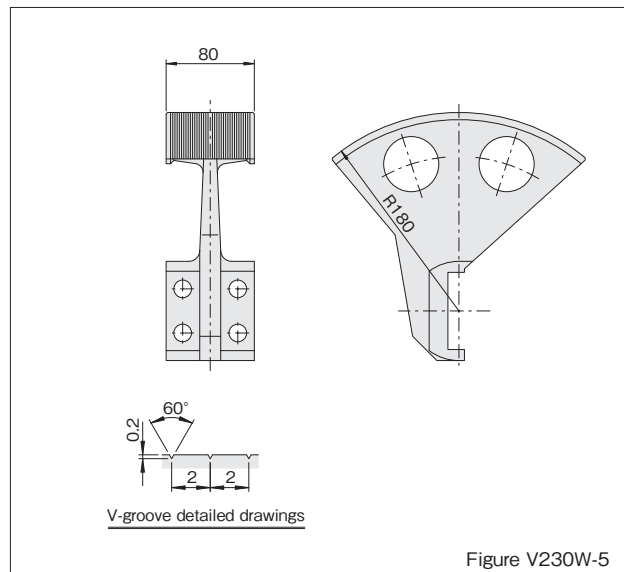


Figure V230W-5