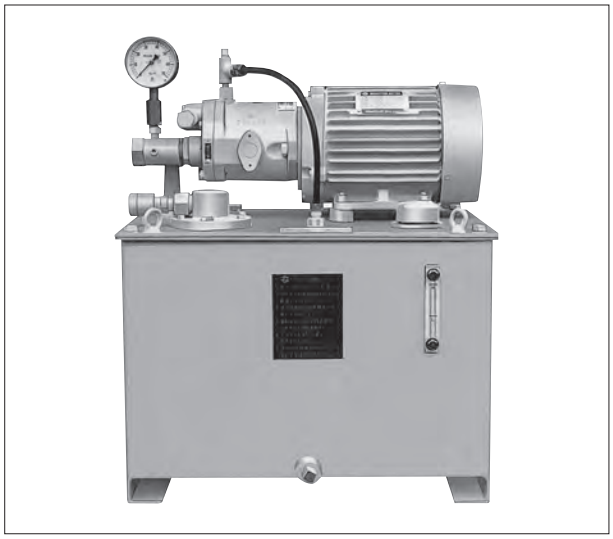
Power packages
Q-PAC



- These power packages feature high-efficiency piston pumps.
- When the compact stack valves TGM series are used in combination, it is possible to configure very efficient systems for machine tools or industrial machines.
- A wide range of options including thermometers, magnets, level switches, manifold blocks and radiators are available.
- There are no standards for tank capacity, so the packages can be supplied with the tank capacity that meets the individual users' needs.

Model Code

Q 1 6 1 4 - 1 0 - N (T) - (T) (M) (L) (S) (3) (C) R - 1 2 3 4

1	2	3	4	5	6	7	8	9	10	11	12	13

1 Power package Q-PAC series

2 Model code
See 'Specifications'

3 Tank capacity
10: 10 L
20: 20 L
* The tank capacity can be designed to meet many and varied needs in both size and configuration.

4 Electric motor voltage code (see right table)

5 Solenoid valve voltage code (see right table)
Omit: No solenoid valve
[Option Codes]

6 Temperature gauge
Omit: not provided
T: With temperature gauge

7 Magnet
Omit: not provided
M: With magnet

8 Level switch
Omit: not provided
L: With level switch

9 Manifold block
Omit: not provided
S: With manifold block (right side connection port)
* It may not be possible to install a manifold block depending on the tank configuration and specifications.
Consult Tokyo Keiki to find out whether it is possible to install the manifold block.

10 Manifold block stations (ISO4401-03 size)
Numbers indicate no. of stations (1st to 5th)

11 Paint color
Omit: Munsell N5.5 (standard)
C: Special paint

12 Radiator (drain cooler)
R: With radiator (drain cooler) (standard)
Omit: not provided (option)

13 Control no.

Electric motor voltage code

	Code	Power Supply
Standard	N	200/200/220V 50/60/60Hz
* Special	A	400/400/440V 50/60/60Hz
	B	380V 50Hz
	F	415V 50Hz
	D	460V 60Hz

* Special voltage is for option.
Advise Tokyo Keiki of the supply voltage and frequency if specifications other than the ones given above are desired.

Solenoid valve voltage code

	Code	Voltage (V)	Frequency (Hz)
AC	T	100	50/60
		110	60
	B	110	50
		115	60
		120	60
	V	200	50/60
		220	60
	D	220	50
		230	60
		240	60
DC	G	12	–
	H	24	

Specifications

Model Code	Electric Motor	Piston Pump Displacement cm³/rev	Working Pressure MPa	Maximum Delivery L/min	
				50 Hz	60 Hz
Q08074	0.75 kW, 4P	8	3.5	11	13.2
Q0814	1.5 kW, 4P		7		
Q1614		16	3.5	22	26.4
Q1624	2.2 kW, 4P		6.0		
Q2124		21	4.0	29	34.6
Q1634	3.7 kW, 4P	16	9.0	22	26.4
Q2134		21	7.0	29	34.6
Q3134		31	5.0	42.6	51.0
Q3154	5.5 kW, 4P		7.0		
Q4054		40	5.0	54.9	65.9
Q3174	7.5 kW, 4P	31	9.0	42.6	51.0
Q4074		40	7.0	54.9	65.9

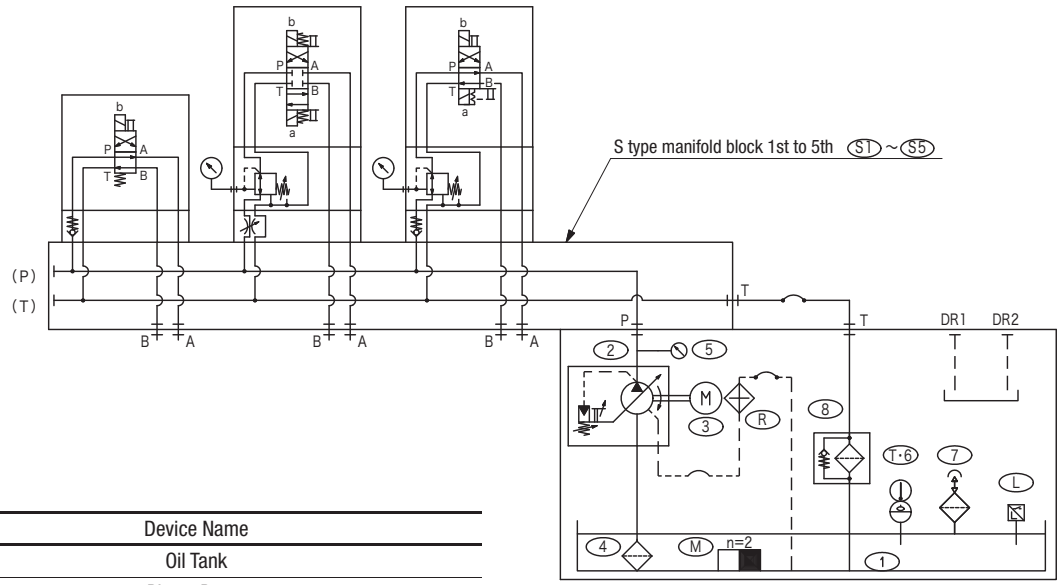
Note: For working pressure and maximum allowable flow, follow the pressure – flow – electric motor output curve.

Model Selection　Pressure-Flow-Electric Motor Output Curves

- The hydraulic pump and motor combinations are the same as the TU-PAC packages. For the pressure – flow – electric motor output curves, refer to the TU-PAC package section.
- Consult Tokyo Keiki if these packages are to be used outside the ranges shown in the output curves.

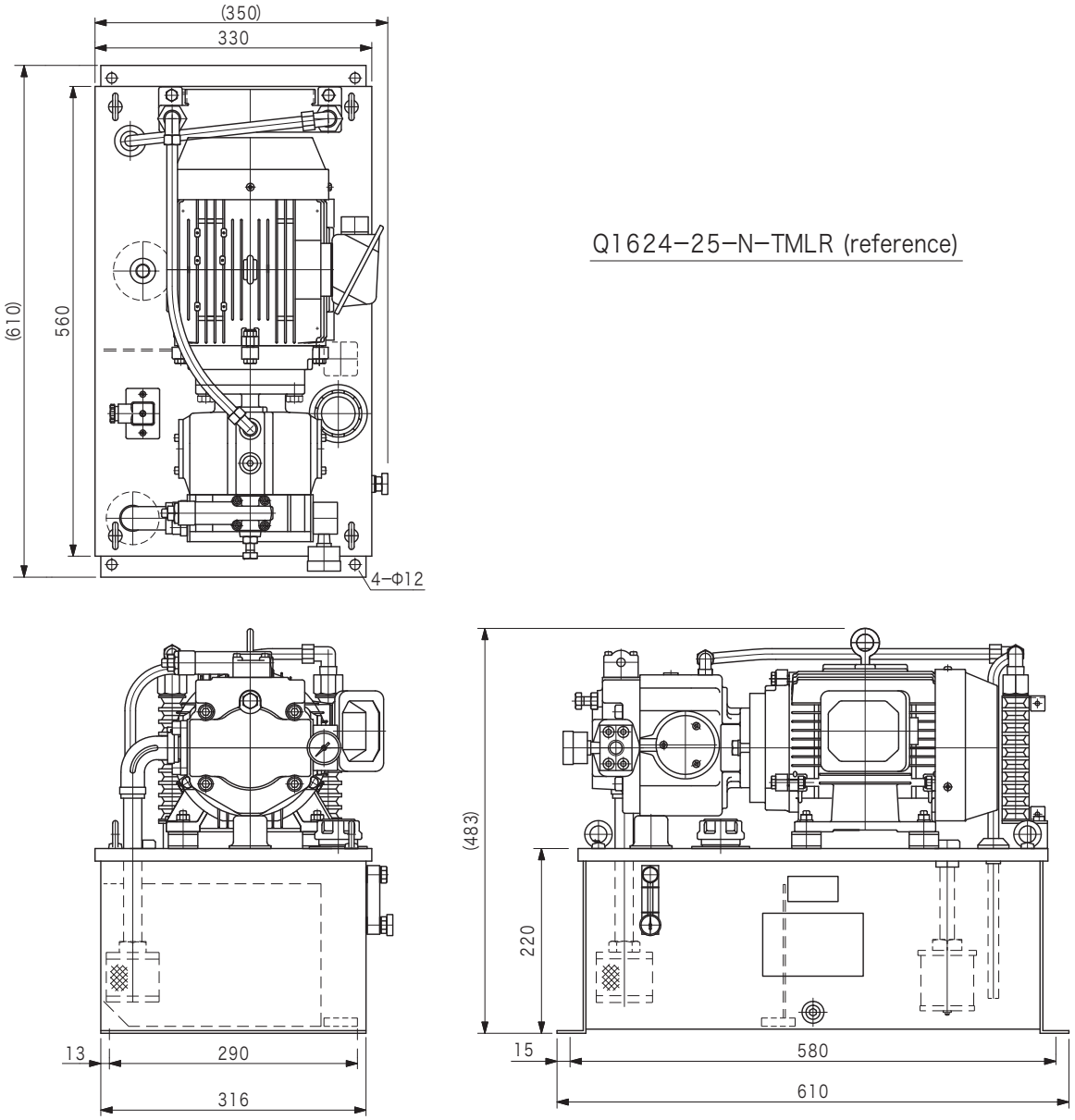
Note: Pump motors without an oil tank are also available.

Hydraulic Circuit Diagram (example)



Code	Device Name
1	Oil Tank
2	Piston Pump
3	Direct Coupled Electric Motor
4	Strainer
5	Pressure Gauge (glycerin filled)
T・6	Oil Level Gauge (T: with temperature gauge)
7	Oil Fill Port and Air Breather
8	Filter
M	Magnet
L	Level Switch
R	Radiator
S✻	Manifold Block (connection port orientation: front) 1st to 5th

Dimensions (reference)



Q1624–25–N–TMLR (reference)

● It is also possible to provide types that meet other tank configuration and capacity needs. For details, consult Tokyo Keiki.