

POWER PACKS COMPACT speaking code

A 24DC

Cavity 2

R5

Cavity 3

U

Cavity 4

X

Cavity 5

X

Cavity 6

X

Cavity 7

X

Cavity 8

X

Cavity 9

X

Cavity 10

X

Cavity 11

X

Cavity 12

X

Cavity 13

X

Cavity 14

5BV

Tank & mounting style

Hydraulic valves cavity 2-3-4

code	description
A	NC 2/2 way poppet valve
B	NC 2/2 way poppet valve + emergency
Q	NO 2/2 way poppet valve
C	NO 2/2 way poppet valve + emergency
D	NC 2/2 way double poppet valve + emerg.
M	NO 2/2 way double poppet valve + emerg.
E	lever operated 2/2 valve
EM	lever operated 2/2 valve with microswitch
Z	2 way emergency button
S	flow control valve
T*	proportional flow control valve (*=VDC)
U	hand pump 2cc/stroke
G	closed plug
H	closed plug with 1/4"BSP exit port
N	open plug with 1/4"BSP exit port
P	plug passing through 1/4"BSP exit port
L	basic plug
J	check valve
JF	check valve with 1/4"BSP exit port
W	pneumatic valve

code	description (M4&U4 manifolds only)
4VA11C	4/2 way directional valve
4VA2	4/3 way directional valve, center P to T
4VB2	4/3 way directional valve, closed center
4VC2	4/3 way directional valve, H center
4VE2	4/3 way directional valve, center A-B to T

code	description
F*	pressure comp. flow control (*=l/min)
R*	adj. pressure comp. flow control (*=l/min)
S	adjustable flow control valve
Z	2 way emergency button
AR	NC 2/2 way poppet valve reverse flow
BR	NC 2/2 way poppet v. reverse flow + emer.
CR	NO 2/2 way poppet v. reverse flow + emer.
D	NC 2/2 way double poppet valve + emerg.
P*	proportional relief valve (*= bar max)
V*	relief valve (*= bar max)
G	closed plug
H	closed plug with 1/4"BSP exit port
N	open plug with 1/4"BSP exit port
P	plug passing through 1/4"BSP exit port
L	basic plug
J	check valve

Hydraulic valves cavity 5-6-8-9 U manifold and for cavity 6-9-10-11-12-13-14 S manifold

code	description
1(01)	1 l/min 1/4"BSP p. comp. flow ctrl
1.5(01)	1.5 l/min 1/4"BSP p. comp. flow ctrl
2(01)	2 l/min 1/4"BSP p. comp. flow ctrl
3(01)	3 l/min 1/4"BSP p. comp. flow ctrl
5(01)	5 l/min 1/4"BSP p. comp. flow ctrl
7(01)	7 l/min 1/4"BSP p. comp. flow ctrl
10(01)	10 l/min 1/4"BSP p. comp. flow ctrl
13(01)	13 l/min 1/4"BSP p. comp. flow ctrl
17(01)	17 l/min 1/4"BSP p. comp. flow ctrl
22(01)	22 l/min 1/4"BSP p. comp. flow ctrl
P01	1/4"BSP plug

RETURN-KIT	suction/return line pipe
PP01370	suction/return line pipe
RF01	return line immersed filter
S01Z	start-up 2+4l/min for 1ph AC mot.
S01W	start-up 3+6l/min for 1ph AC mot.
S01A	start-up 5+10l/min for 1ph AC mot.
S01C	start-up 6+14l/min for 1ph AC mot.
S01F	start-up 11+22l/min for 1ph AC mot.
TADPH0001	plastic pipe 90° elbow 1/4 BSPP
TADPH0002	plastic pipe 90° elbow 1/4 BSPP
TADPH0003	plastic pipe 90° elbow 1/4 BSPP
TADPH0004	male-male metal 1/4 pipe for VSC01 cavity 6

Hydraulic valves cavity 7 for U and S manifold

code	description
1(04)	1 l/min pressure comp. flow control
1.5(04)	1.5 l/min press. comp. flow control
2(04)	2 l/min pressure comp. flow control
3(04)	3 l/min pressure comp. flow control
5(04)	5 l/min pressure comp. flow control
7(04)	7 l/min pressure comp. flow control
10(04)	10 l/min pressure comp. flow control
13(04)	13 l/min pressure comp. flow control
17(04)	17 l/min pressure comp. flow control
22(04)	22 l/min pressure comp. flow control

Hydraulic valves cavity 5 S manifold

code	description
P01	1/4" BSPP plug

Tanks & mounting style

code	description
15L	1.5l square plastic
3L	3l square plastic
6L	6l square plastic
5M	5l square plastic
8M	8l square plastic
5P	5l round plastic
7P	7l round plastic
9P	9l round plastic
11P	11l round plastic
15NV	15l square plastic
TCTAH00002	5l Q series square plastic
TCTAH00005	12l Q series square plastic

code	description
1.5A	1.5l cylindrical steel
2.5A	2.5l cylindrical steel
5B	5l cylindrical steel
10B	10l cylindrical steel
12B	12l cylindrical steel
F80000001	steel tank adapter - to be welded

code	description
10D	10l round steel with brackets
22D	22l round steel with brackets
3EV	3l square steel vertical mounting
7EV	7l square steel vertical mounting
8EV	8l square steel vertical mounting
15EV	15l square steel vertical mounting
20EV	20l square steel vertical mounting
30EV	30l square steel vertical mounting

code	description
10HD	10l square aluminum tank
25HD	25l square aluminum tank

Tanks options	
V	vertical mounting

SMART POWER UNITS speaking code

A 24DC

Cavity 2

R5

Cavity 3

U

Cavity 4

X

Cavity 5

X

Cavity 7

X

Cavity 8

X

Cavity 9

5BV

Tank & mounting style

Hydraulic valves cavity 2-3-4

code	description
A	NC 2/2 way poppet valve
B	NC 2/2 way poppet valve + emergency
Q	NO 2/2 way poppet valve
C	NO 2/2 way poppet valve + emergency
D	NC 2/2 way double poppet valve + emerg.
M	NO 2/2 way double poppet valve + emerg.
E	lever operated 2/2 valve
EM	lever operated 2/2 valve with microswitch
Z	2 way emergency button
S	flow control valve
T*	proportional flow control valve (*=VDC)
U	hand pump 2cc/stroke
G	closed plug
H	closed plug with 1/4"BSP exit port
N	open plug with 1/4"BSP exit port
P	plug passing through 1/4"BSP exit port
L	basic plug
J	check valve
JF	check valve with 1/4"BSPP exit port

code	description (M4&U4 manifolds only)
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code	description
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P*	proportional relief valve (*= bar max)
V*	relief valve (*= bar max)
G	closed plug
H	closed plug with 1/4"BSP exit port
N	open plug with 1/4"BSP exit port
P	plug passing through 1/4"BSP exit port
L	basic plug
J	check valve

Hydraulic valves cavity 5-6-7-8-9

code	description
1(04)	1 l/min pressure comp. flow control
1.5(04)	1,5 l/min press. comp. flow control
2(04)	2 l/min pressure comp. flow control
3(04)	3 l/min pressure comp. flow control
5(04)	5 l/min pressure comp. flow control
7(04)	7 l/min pressure comp. flow control
10(04)	10 l/min pressure comp. flow control
13(04)	13 l/min pressure comp. flow control
17(04)	17 l/min pressure comp. flow control
22(04)	22 l/min pressure comp. flow control
1(01)	1 l/min 1/4"BSPP p. comp. flow ctrl
1.5(01)	1,5 l/min 1/4"BSPP p.comp. flow ctrl
2(01)	2 l/min 1/4"BSPP p. comp. flow ctrl
3(01)	3 l/min 1/4"BSPP p. comp. flow ctrl
5(01)	5 l/min 1/4"BSPP p. comp. flow ctrl
7(01)	7 l/min 1/4"BSPP p. comp. flow ctrl
10(01)	10 l/min 1/4"BSPP p. comp. flow ctrl
13(01)	13 l/min 1/4"BSPP p. comp. flow ctrl
17(01)	17 l/min 1/4"BSPP p. comp. flow ctrl
22(01)	22 l/min 1/4"BSPP p. comp. flow ctrl
P01	1/4"BSPP plug
RETURN-KIT	suction/return line pipe
PP01370	suction/return line pipe
RF01	return line immersed filter
S01Z	start-up 2÷4l/min for 1ph AC mot.
S01W	start-up 3÷6l/min for 1ph AC mot.
S01A	start-up 5÷10l/min for 1ph AC mot.
S01C	start-up 6÷14l/min for 1ph AC mot.
S01F	start-up 11÷22l/min for 1ph AC mot.

Tanks & mounting style

code	description
1.5L	1,5l square plastic
3L	3l square plastic
6L	6l square plastic
5M	5l square plastic
8M	8l square plastic
5P	5l round plastic
7P	7l round plastic
9P	9l round plastic
11P	11l round plastic
15NV	15l square plastic

code	description
1.5A	1,5l cylindrical steel
2.5A	2,5l cylindrical steel
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10B	10l cylindrical steel
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8EV	8l square steel vertical mounting
15EV	15l square steel vertical mounting
20EV	20l square steel vertical mounting
30EV	30l square steel vertical mounting

code	description
10HD	10l square aluminum tank
25HD	25l square aluminum tank

Tanks options	
V	vertical mounting

TANKS



Q & A

Plastic or steel tanks?

Plastic tanks have various advantages: they do not develop rust, the oil level is visible and they do not damage easily if bumped or exposed to vibrations. On the other hand steel tanks are preferable in case of ultra high or ultra low temperatures.

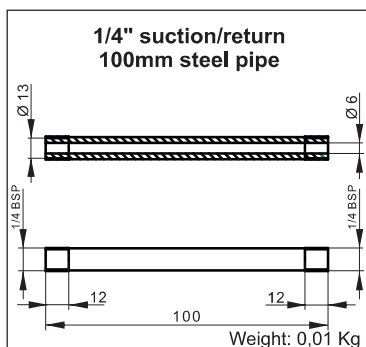
Is it possible to use custom made tanks?

Yes. We can provide an adaptor flange (F80000001) for PPC and PPM which can be welded on a custom made tank. We can even design special tanks depending on application and quantities.

How do I order spare tanks?

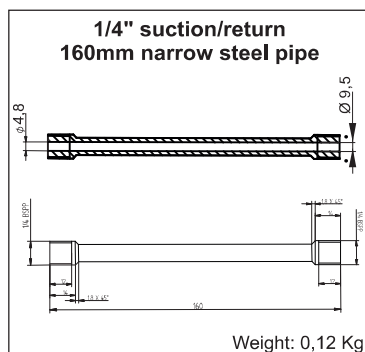
Spare tanks can be ordered without accessories just by adding a J in front of the relevant code (e.g. JE60303015 instead of E60303015). When ordered with the normal code (e.g. E60303015) they include the relevant accessories such as: plugs, filler breather, oil level gauge,... depending on the kind of tank. Tanks specified in PPC speaking code (e.g. 5BV) include all relevant accessories.

TANK ACCESSORIES



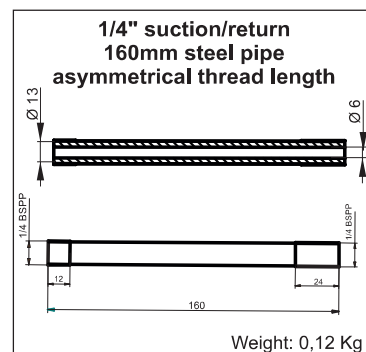
Spare part code

TADPH00008



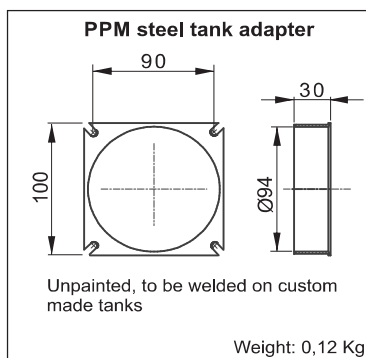
Spare part code

TADPH00005



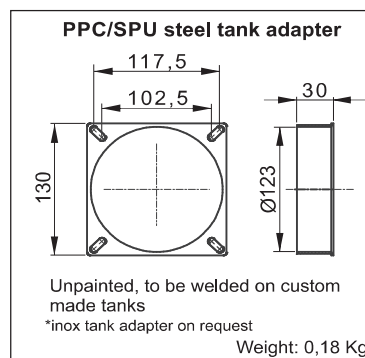
Spare part code

TADPH00007



Spare part code

F80000012



Spare part code

F80000001