

MODEL 2545 TWIN DUAL-FUNCTION CONTROL HEAD 1/8" NPT

The 2545 control is designed for twin engine, single lever clutch and throttle control. Its all bronze and stainless steel construction gives years of trouble free service in a marine environment.

It basically consists of two single engine controls under one cover. Movement of either one of the handles through 20° from the centre position actuates one of the 3-way valves delivering full supply pressure to its corresponding output port. Moving the handle beyond 20° actuates an accurate pressure regulating valve. The output of this valve is proportional to the handle movement thereby giving precise control over the engine speed setting device.

Weight: 19.9 lb. (9.1 kg)
 Materials: Die cast silicon bronze and stainless steel
 Operating Temp. Range: -40°C to +90°C
 Pipe Port Size: 1/8" N.P.T. (outputs)
 1/4" N.P.T. (supply)
 Maximum Supply Pressure: 150 psi (10.3 bar)

APPLICATIONS

- Used principally for the control of twin engines and twin clutches by two dual function handles.
- Used wherever two sets of directional and proportional pneumatic controls are required.

ORDERING INFORMATION

Model Designations:

- CC - Two short handles (standard)
- DD - Two long handles
- E - Spring return handle
- H - With chrome finish cover and handles
- J - With polished brass finish dome and handles
- K - With black epoxy finish dome and chrome handle
- N - 0 - 60 psi
- P - 0 - 80 psi
- R - 0 - 100 psi
- S - 0 - 120 psi
- T - 10 - 60 psi
- U - 10 - 80 psi
- W - 10 - 100 psi
- X - 10 - 120 psi

Handles are available with plastic grips (Designation "V")

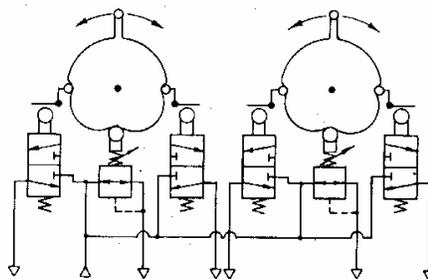
The standard model 2545 Control Head is supplied as:

- i. short handles
- ii. with chrome finish cover and handles
- iii. in any standard pressure range

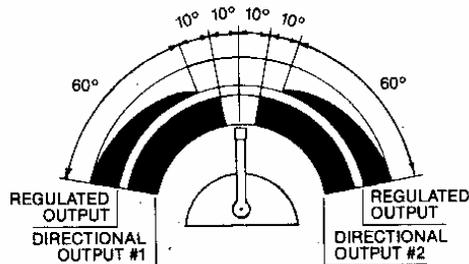
To order, state Model number followed by the desired Designation letter codes (must specify pressure range):
 Example: 2545-CCHU is for standard 2545 with 10-80 psi pressure range.

Kobelc also design Control Heads for special applications. Contact us for further information.

SCHEMATIC SYMBOL



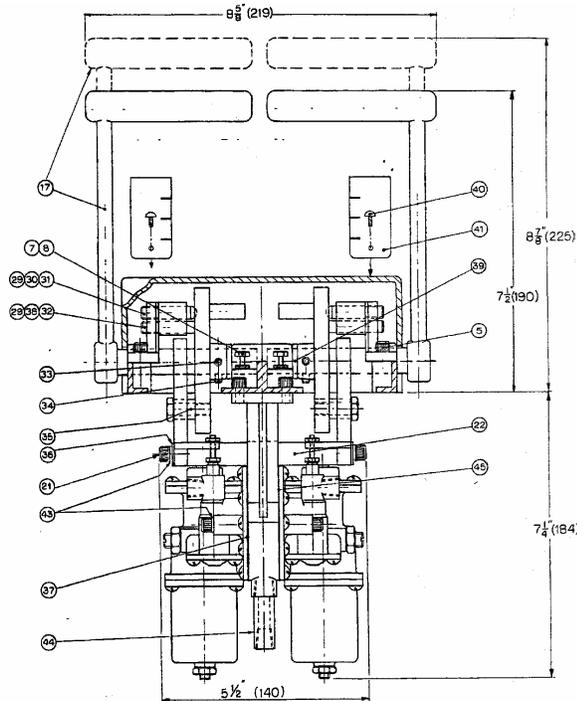
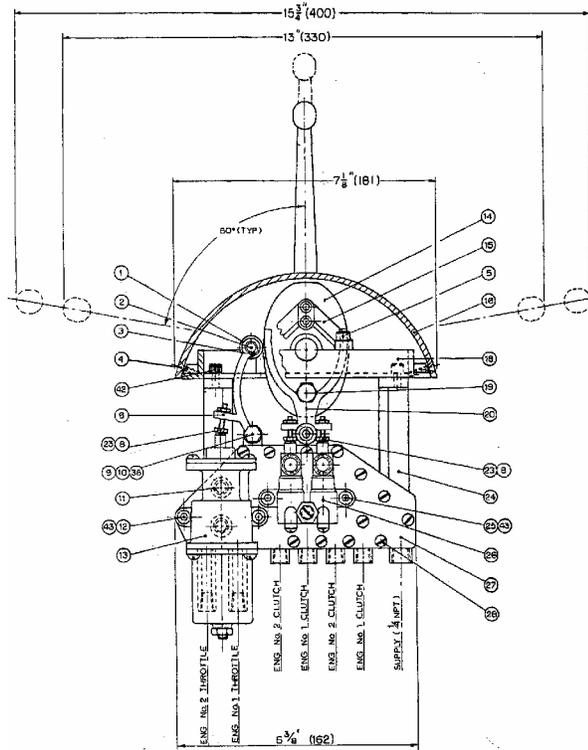
OUTPUT PRESSURE VS LEVER TRAVEL



DIMENSIONS AND PARTS LIST

MODEL 2545

Item	Qty	Part Number	Description
1	2	2543-0009	Roller
2	2	2542-0011	Pin
3	4	1029-1031	Snap Ring
4	2	1005-0808	Oval Hd Screw
5	4	1002-1010	Socket Hd Screw
6	2	2545-0001	Roller Arm
7	4	1001-0812	Hex Hd Screw
8	10	1022-0108	Nut
9	2	1001-1028	Hex Hd Screw
10	2	2545-0002	Spacer
11	10	1101-0010	"O" Ring
12	4	1002-1024	Socket Hd Screw
13	2	3217	Air Pressure Regulating Valve
14	2	2545-0003	Cam
15	2	2542-0009	Bracket
16	1	2545-0004	Dome
17	2	2545-0005	Handle (short)
17	2	2545-0014	Handle (long)
17	2	2545-2005	Handle with Plastic Grip (short)
17	2	2545-2014	Handle with Plastic Grip (long)
18	1	2545-0006	Frame
19	2	2544-0005	Shoulder Screw
20	2	2545-0008	"Fork" Cam
21	2	1002-1040	Socket Hd Screw
22	2	2545-0009	Spacer
23	6	1001-0808	Hex Hd Screw
24	1	2545-0010	Ports Support
25	4	1002-1020	Socket Hd Screw
26	2	3803-A	Four Way Valve
27	2	2545-0011	Plate
28	26	1010-0806	Round Hd Screw
29	4	1016-1205	Set Screw
30	2	1201-0062	Spring
31	2	2545-0012	Detent Pin
32	2	2545-0021	Friction Pad
33	2	1024-0816	Spring Pin
34	2	1016-1004	Set Screw
35	2	2544-0004	Roller
36	4	1023-0232	Flat Washer
37	1	2545-0017	Gasket (LH)
38	2	1201-0003	Spring
39	2	2545-0020	Spacer
40	4	1032-0304	Rivet
41	2	2545-0013	Indicator Strip
42	4	1002-1008	Socket Hd Screw
43	6	1023-0410	High Collar Washer
44	2	2545-0015	Extension
45	1	2545-0018	Gasket (RH)



A Repair Kit 2545-RK comprising all seals and gaskets is available on order.

