



POOL & SPA VALVE



EP Series

SOCKET EP100 / THREAD EP200 Size: 1 1/2" - 2" (2-WAY & 3-WAY)

Introduction

The Pool & Spa valve incorporates the latest thinking in full flow valve design. The self locking handle makes it easier to use and adjust and the lock ring closure allows quick, easy maintenance without the use of special tools. Port sizes use PVC or ABS pressure pipe.

Installation

A partial stop is provided on the lid of all valves, although this can be by-passed by fully depressing the handle and rotating. On 2-way valves the valve should be installed with the stop facing the water flow.

On 3-way valves the stop is usually positioned opposite the centre port or opposite the port feeding directly to the pump. The stop can be adjusted by unscrewing the lock ring and rotating the lid assembly.

Use the correct PVC pressure pipe adhesive carefully following the manufacture's instructions.

Coat the valve port and the pipe with adhesive. Avoid excessive adhesive inside the valve port. A lip is provided in the valve to stop excessive adhesive getting into the valve internals. Damage due to adhesive inside the valve is not covered by the warranty.

Allow 30 minutes before testing and 12 hours before testing under pressure.

Servicing

Every valve is assembled lubricated with a waterproof silicon grease.

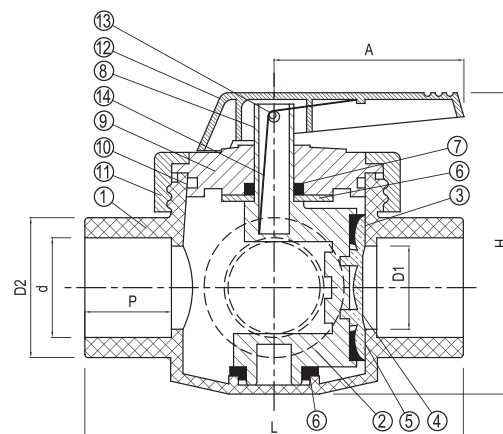
Valves that are used frequently will operate freely with the water acting as a lubricant. Valves left for long periods tend to stick and may need some extra force to operate. To avoid this regular greasing with a silicone based grease is recommended. DO NOT USE PETROLEUM BASED LUBRICANTS.

MATERIALS OF CONSTRUCTION

No.	Part	Pcs.	Material	No.	Part	Pcs.	Material
1	Body (2 Way or 3 Way)	1	UPVC, ABS	8	Rotor Shaft		PPG
2	Rotor Gate	1	PPG	9	Lid	1	UPVC, ABS
3	Seal Retaining Plate	1	PPG	10	Lid O'ring	1	EPDM
4	Retaining Plate Screw	2	SUS304	11	Lid Lock Ring	1	ABS
5	Rotor Seal	1	EPDM	12	Handle	1	ABS
6	Bearing	2	POM	13	Set Pin	1	BRASS
7	Rotor O'ring	1	EPDM	14	Spring	1	SUS304

DIMENSIONS TABLE

Nom Size DN-inch	Dimensions								Unit:mm
	Flow		d	D1	D2	D3	L	H	
40(1-1/2")	2-Way	SOCKET	THREAD	45	60	107	164	155	88
	3-Way	SOCKET	THREAD	45	60	107	164	155	88
50(2")	2-Way	SOCKET	THREAD	56	71	125	189	160	88
	3-Way	SOCKET	THREAD	56	71	125	189	160	88



DN40~DN50