



SERFILCO® DRI-STOP | PUMP PROTECTOR

2900 MacArthur Blvd. Northbrook, IL. USA 60062 www.serfilco.com (800) 323 - 5431

BULLETIN
A-105_X
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DRI-STOP 2R and 2RE (Flow activated)



DRI-STOP 2R
w/PCB shown for factory
mounting into motor starter
(ordered separately)

Cooling water service for double mechanical seal pumps and vertical pump bearings.

These flow activated models use a state-of-the-art PCB to monitor a minimum flow to stop the pump motor. They are adjustable for flow rates from 0.1 GPM to 2.5 GPM. These units are factory set for 0.1 GPM. If used for a multiple bearing sump pump, the unit must be reset to a higher set point per the pump's operating instructions.

These models are plastic enclosed, include 8 feet of extension cable and mounting bracket for 56, 140 and 180 "C" face motor frames. Select a model for either factory or field installation.

When used with magnetic H-O-A starter: In the AUTO position, the DRI-STOP will allow the motor to start if the seal/bearing water flow is 6 GPH or higher. The HAND position should not be wired into the control circuit.

Note that a push button magnetic starter may be used instead of the recommended H-O-A. For motor starters, see Bulletin A-103.

CAUTION: In the AUTOMATIC mode, the motor will come on automatically when the water supply is turned on.

TO ORDER, use Price Code No.

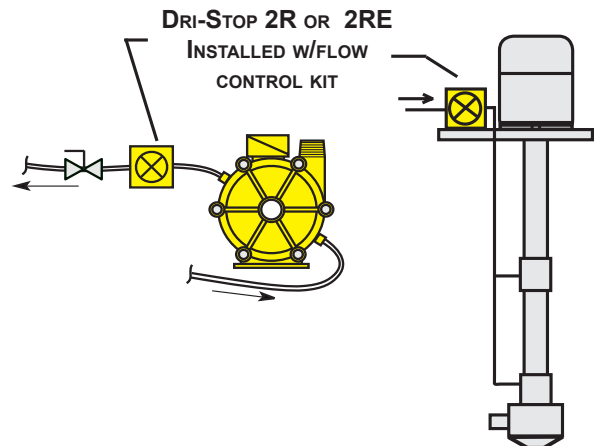
DESCRIPTION	MODEL NUMBER	SOLUTION CONTACT	MAXIMUM OPER. TEMP.		CONN.	DIM.	FLOW	PRESS.	CONTROL CIRCUIT	PRICE CODE NO.
			°C	°F						
DRI-STOP 2R Factory installed	DSWF-1/4	PVDF (Kynar®), polypropylene, 316SS, polysulfone, Viton	82°	180°	1/4" FNPT	3" x 2-3/4" x 2-5/8" deep	6 GPH (23 LPH)	100 PSI (690 kPa)	24V	99-1116R*
									115V	99-1152R*
DRI-STOP 2RE Field installed	DSWFE-1/4								24V	99-1116RE**
									115V	99-1152RE**

* PCB (3" x 2-3/4" x 1-5/8") is mounted in motor starter (ordered separately).

** PCB is enclosed in DRI-STOP case. Motor starter ordered or provided separately, and field wired to DRI-STOP. Includes mounting bracket for 56, 140 & 180 "C" face motor frames.

OPTIONAL

FLOW CONTROL KIT	
Provides precise cooling water flow on stationary applications. City water flow is controlled with a petcock valve and pressure gauge to permit convenient installation and adjustment prior to start-up. Order motor starter separately. DO NOT USE WITH DEIONIZED WATER.	
DESCRIPTION	PRICE CODE NO.
Includes petcock, pressure gauge and fittings	99-1387





DRI-STOP 3C and 3K (Pressure activated)

**For single mechanical seal and magnetic drive pumps.
With body and diaphragm protection suitable for
chemical solution contact.**

These models sense low pressure at the pump discharge to de-energize the motor upon loss of prime. They are sealed in PVC and include 8 feet of PVC flexible conduit with lead wires. All models are suitable for factory or field installation.

Pressure activated models must be used with a magnetic push button starter. This allows the operator to temporarily and manually "hold-in" the circuit until the pump discharge pressure reaches the set point. The DRI-STOP will then hold the circuit closed unless the pump discharge pressure falls below the set point. For motor starters, see Bulletin A-103.



DRI-STOP 3

TO ORDER, use Price Code No.

DESCRIPTION	MODEL NUMBER	SOLUTION CONTACT	MAXIMUM OPER. TEMP.		CONN.	DIM.	SET-POINT	OPERATING PRESSURE	CONTROL CIRCUIT	PRICE CODE NO.
			°C	°F			PSI.	MAX. PSI	1ø/50-60 Hz	
DRI-STOP 3C	DSCP-1/2	CPVC, Viton	93°	200°	1/2" NPT	7" x 3" DIA	Fixed 4	80	24-115-230V	99-0377A
DRI-STOP 3K	DSCK-1/2	PVDF, Viton								99-0379A

OPTIONAL

INSTALLATION TEE

For convenient installation of DRI-STOP on pump discharge

DESCRIPTION	PIPE SIZE NPT	PRICE CODE NO.
Installation tee (CPVC)* with 1/2" NPT connection for DRI-STOP 3 and NPT in-line connections.	3/4"	99-0393
	1"	99-0388
	1 1/2"	99-0384
	2"	99-0386

* To order PVDF, add -K to Price Code No.

