

Dagangan : PNEUMATIC CONTROL GLOBE VALVE

Nama Perdagangan : Control Valve

Jenama : Samson

Model : 3241-7

Kod Tarif :

8481.80.82 00 (PDK 2017)

Tarikh Kelulusan : 12 September 2019

Keterangan Barangan :

Barangan adalah *pneumatic control valve*, model 3241-7 keluaran syarikat Samson. *The control valves consist of a body with trim, bonnet pneumatic actuator, optionally with metal bellows or insulating extension.*

Control valve 3241-7 ini mengandungi globe valve type 3241, pneumatic actuator type 3277, electronic positioner type 3725 dan aksesori (mounting kit dan air filter regulator).

Barangan digunakan untuk mengawal dan *regulate product flowrate in liquid form*. Barangan dipasang *at the process plant pipeline for manufacturing of finished goods*.

Fungsi komponen utama adalah seperti di bawah:

<i>Globe Valve</i>	<i>It is a type of plunger valve used to regulate flow in a pipeline.</i>
<i>Electropneumatic positioner</i>	<i>The positioner is mounted on pneumatic control valve and is used to assign valve position to the control signal.</i> <i>It compares the electric control signal of a control system to the travel / rotational angle of the control valve and issue a signal pressure to the pneumatic actuator.</i>
<i>Pneumatic actuator</i>	<i>It receive the compressed air supply that creates the force at the diaphragm surface and move the actuator stem.</i> <i>The actuator stem is connected to the valve by stem connector. The spring is used to counteract the compressed air during close/open position once the air is absence.</i>

Material barangan adalah seperti di bawah:

Valve body diperbuat daripada

- *Cast iron*
- *Spheroidal graphite iron*
- *Cast steel, cast stainless steel or cold-resisting steel*
- *Forged steel or forged stainless steel*
- *Special materials*

Electropneumatic positioner diperbuat daripada:

- *Housing : Polyphthalamide (PPA)*
- *Cover : Polycarbonate (PC)*
- *External part : stainless steel*
- *Cable gland: black polyamide (PA)*

Actuator diperbuat daripada:

- *Sheet steel*

Ketetapan:

Ketua Pengarah Kastam memutuskan barangan ini sesuai diklasifikasikan di bawah kod tarif **8481.80.82 00 (PDK 2017)** sebagai ***Pneumatic Control Globe Valve, of cast iron*** berdasarkan alasan-alasan berikut:

- Barangan merupakan sejenis *pneumatic control globe valve* yang berfungsi untuk *control or regulate the product flowrate pneumatically or automatically in liquid form*. Barang dipasang pada *process plant pipeline for manufacturing of finished goods*. Barangan terdiri daripada *globe valve, electro pneumatic positioner dan pneumatic actuator*. Barangan menggunakan *Globe valve mechanism* dalam mengawal aliran *liquid* yang mengalir melaluinya.
- Barangan ini berfungsi menggunakan *air pressure*. *Valve positioner* akan menghantar *feedback* kepada *actuator*, *air will be added in order to close or open the valve*. *The air pressure* akan bertindak ke atas spring di dalam *actuator*, menghasilkan daya (*creating force*) untuk menggerakkan stem valve.

Gambar:



Barangan: ***Pneumatic Globe Control valve***
Model : ***3241-7, consist of globe valve type 3241, pneumatic actuator type 3277, electronic positioner type 3725 & accessories***