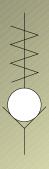
Régulateur de débit



avec clapet de non retour

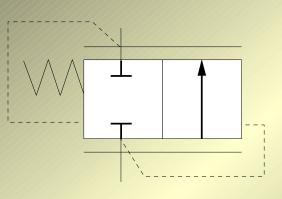
Décodage du symbole





Clapet de non retour avec ressort simplifié

Symbole détaillé





Clapet de non retour sans ressort simplifié



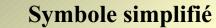


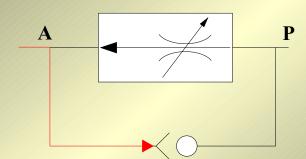


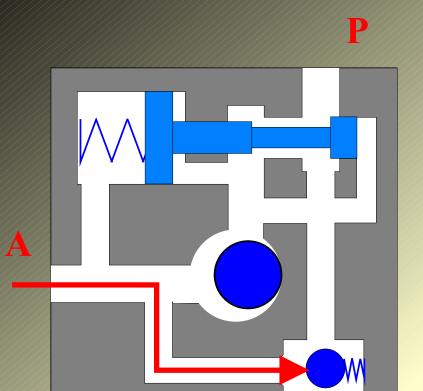


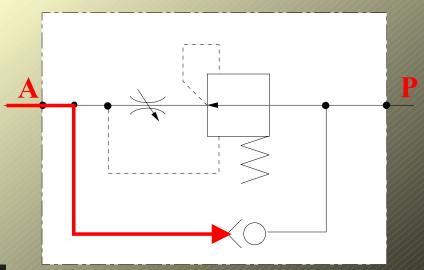








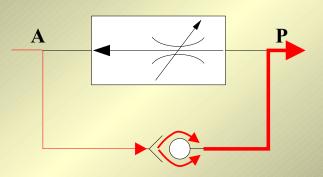


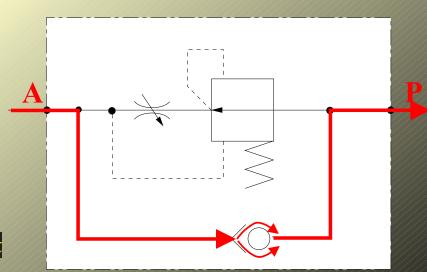


le fluide pousse la bille et comprime le ressort

Plein débit P

Symbole simplifié





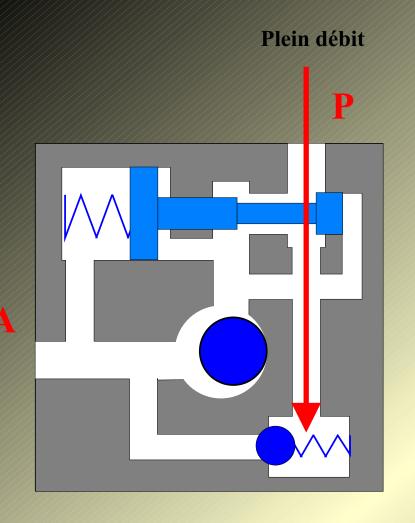
le fluide s'écoule donc de A vers P à plein débit



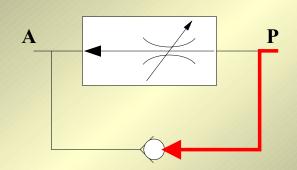


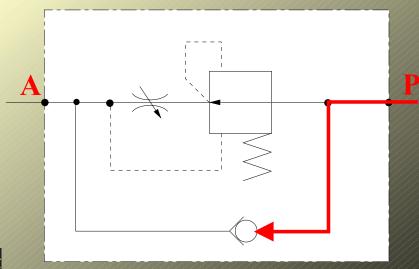






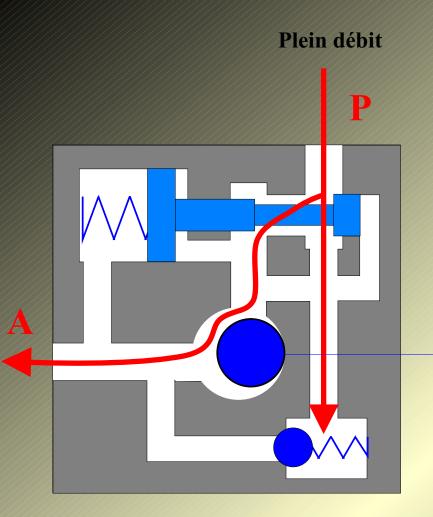
Symbole simplifié

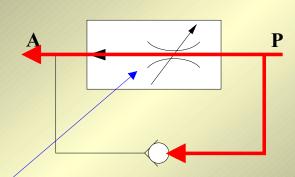




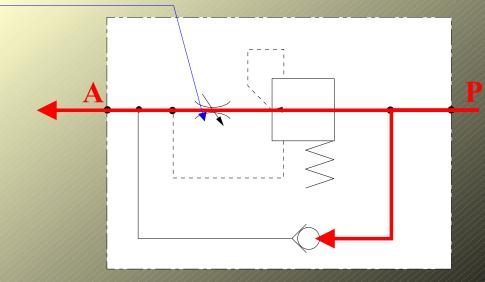
le fluide s'écoule donc de A vers P à plein débit

Symbole simplifié





le fluide s'écoule donc de P vers A avec un débit réglable

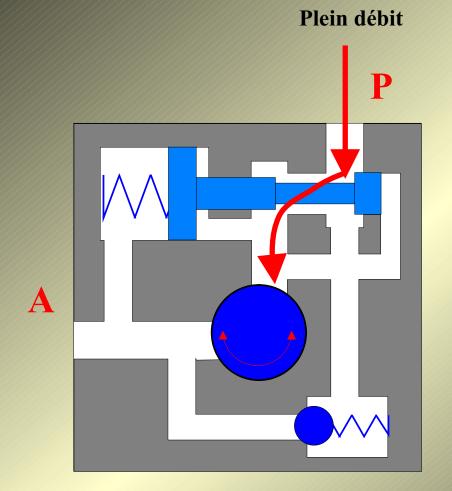


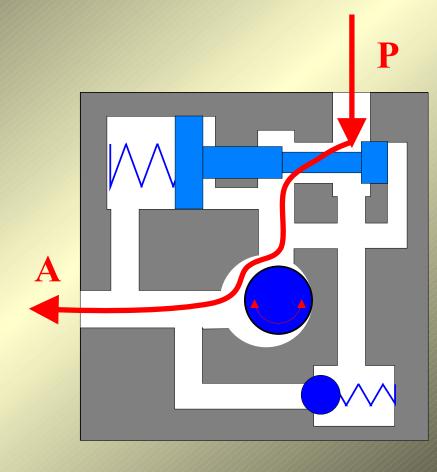




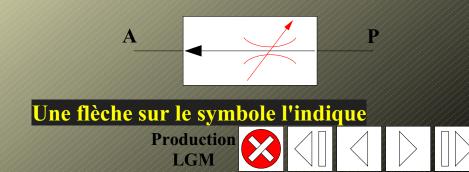


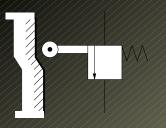






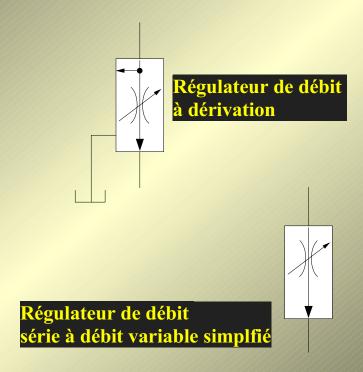
L'étranglement est réglable

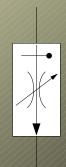




Représentation simplifiée

Réducteur de débit réglablecommande mécanique par galet réglage par ressort





Régulateur de débit compensé en température simplifié



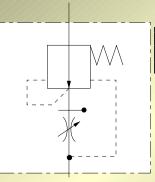






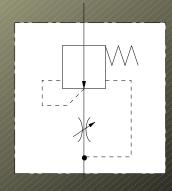


Régulateur de débit à dérivation Représentation détaillée



Régulateur de débit série compenser en température

> Régulateur de débit série à débit variable



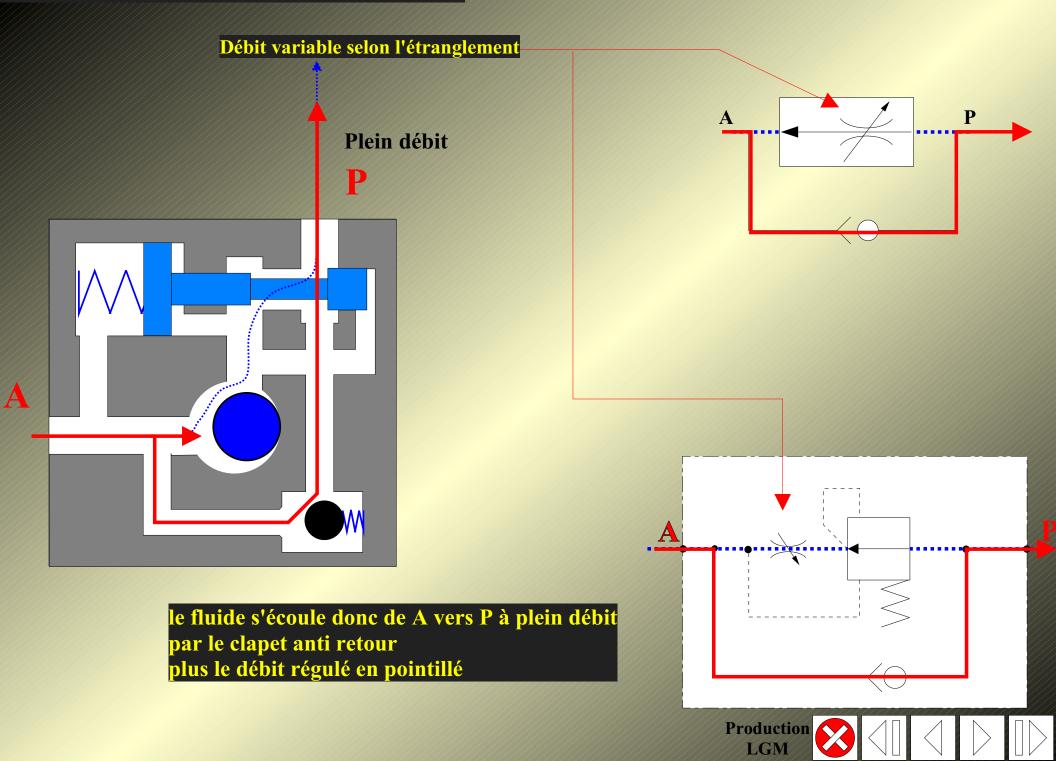


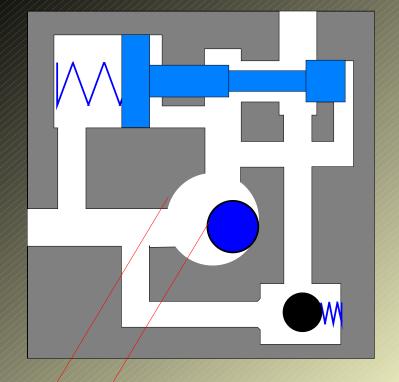






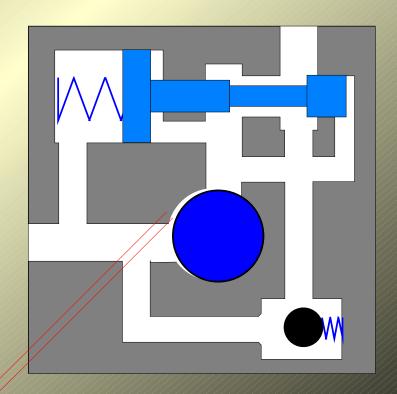






étranglement plus ou moins important

Le débit dépend du réglage du bouton moleté verrouillable mécaniquement (par goupille écrou etc..)

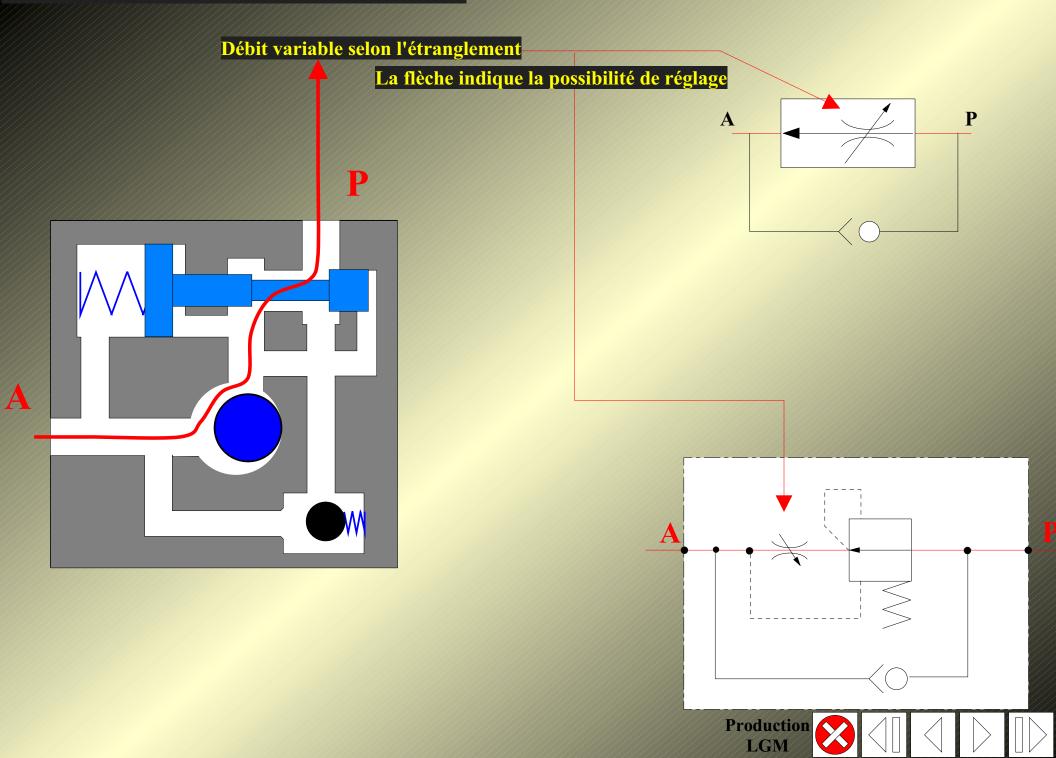




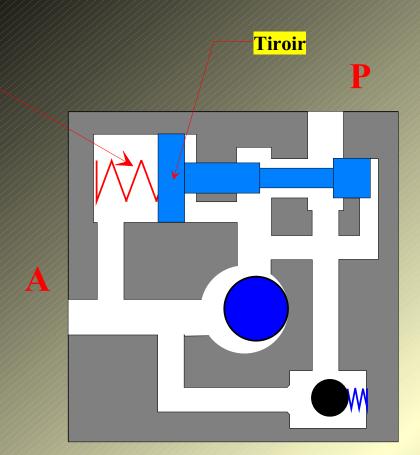




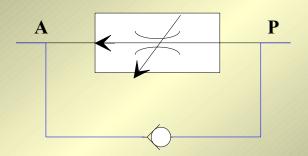




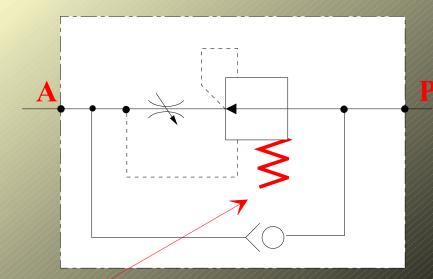
Equilibre du tiroir



Symbole simplifié



Le ressort ne figure pas sur le symbole simplifié



Symbole détaillé

le ressort maintient poussé le piston

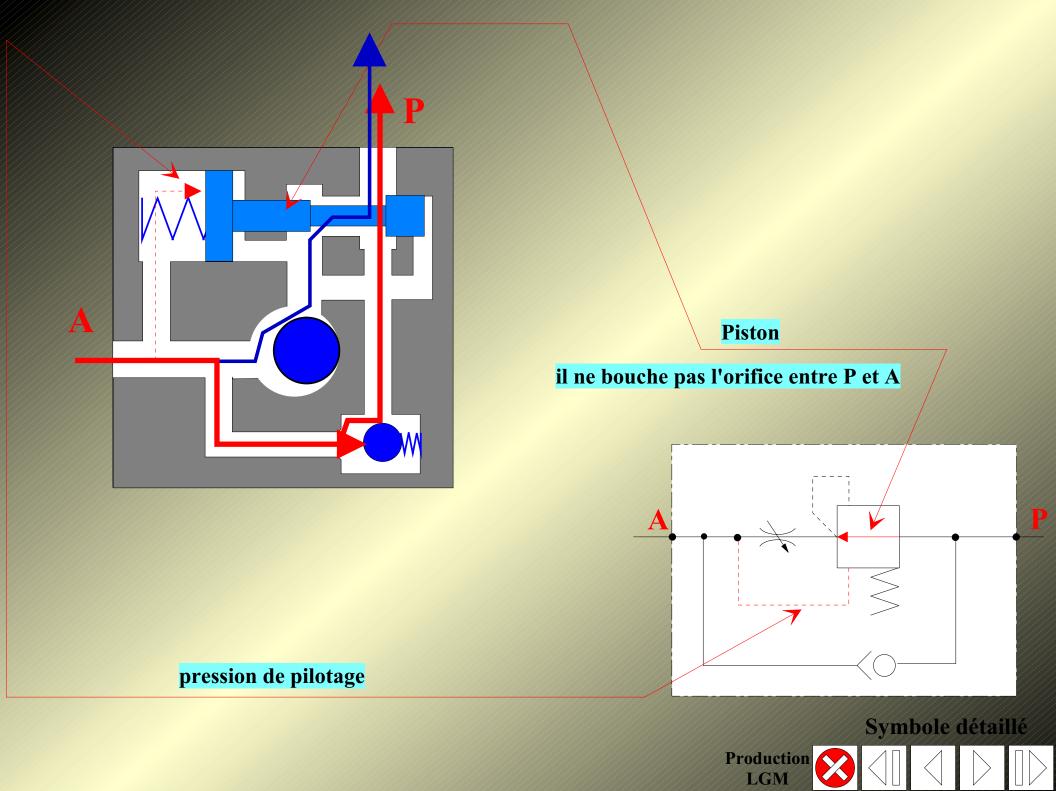


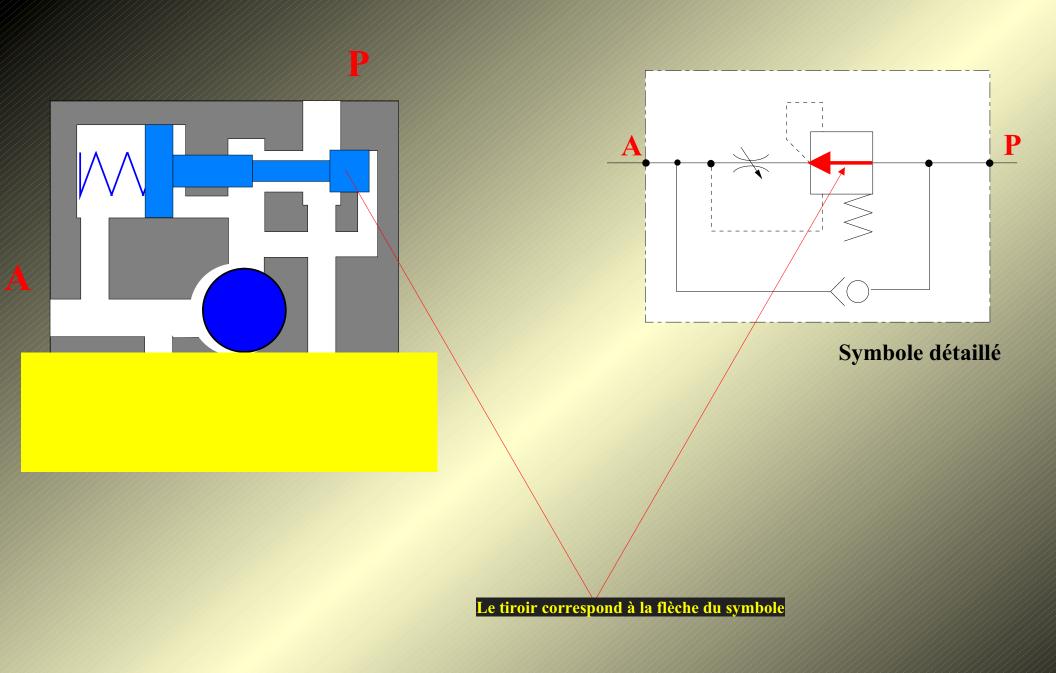












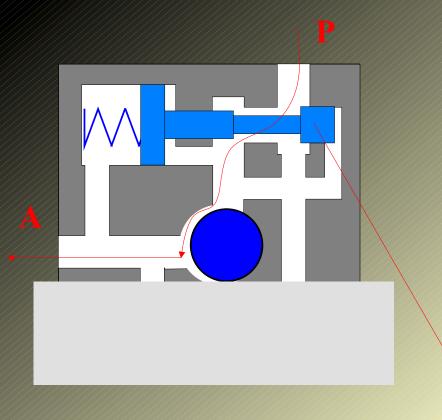


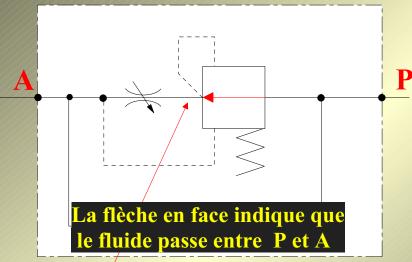








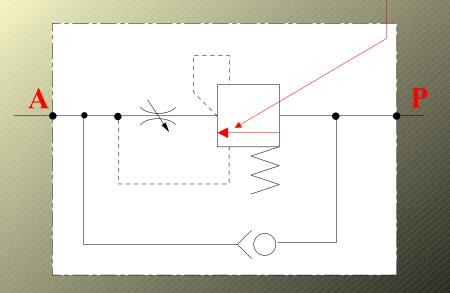




Symbole détaillé

La flèche qui n'est pas en face indique que le fluide passe pas entre P et A

Le tiroir laisse passer le fluide entre P et A



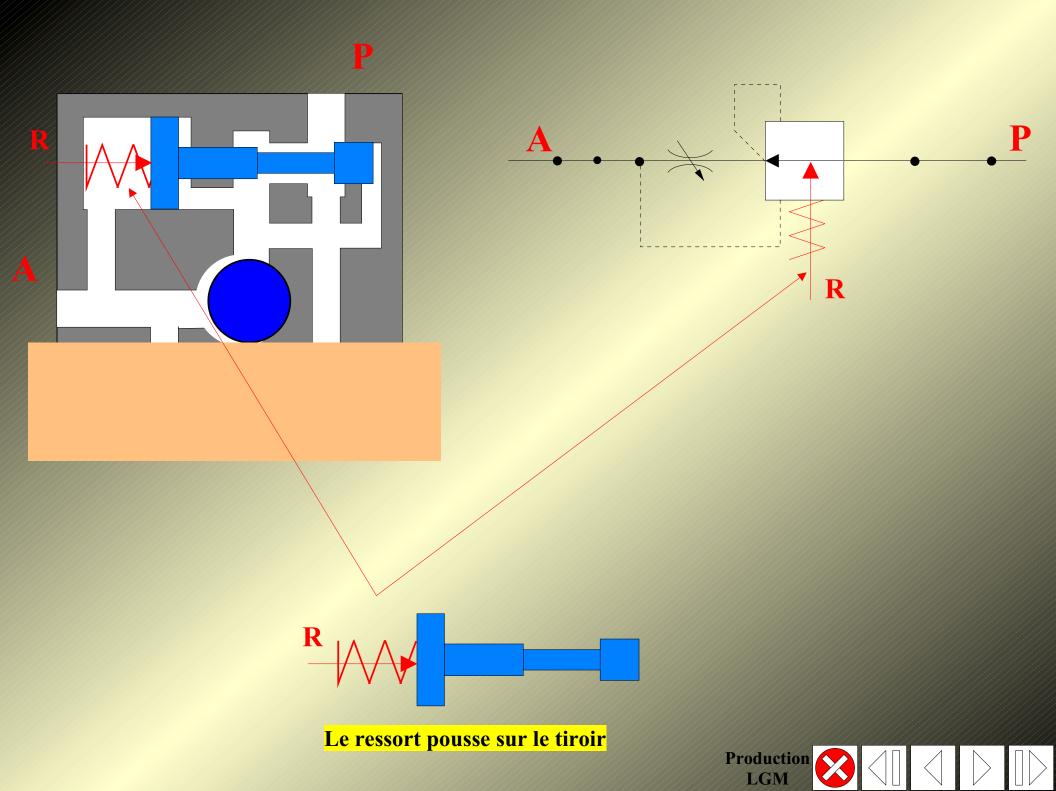


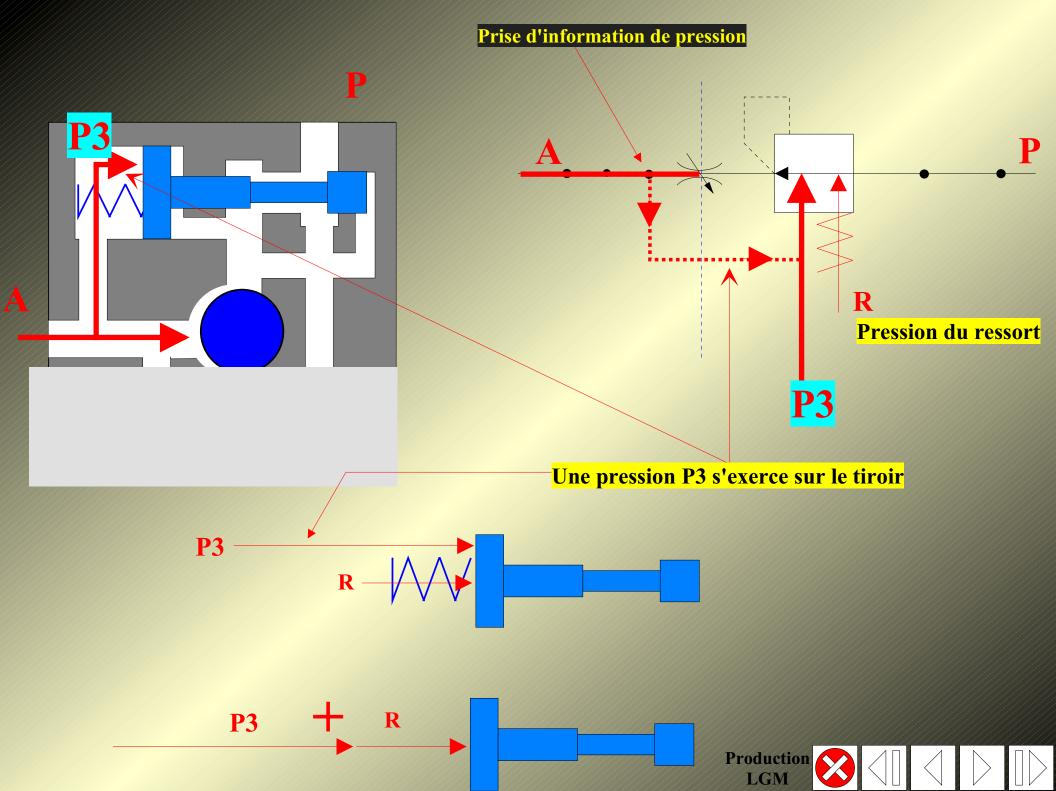


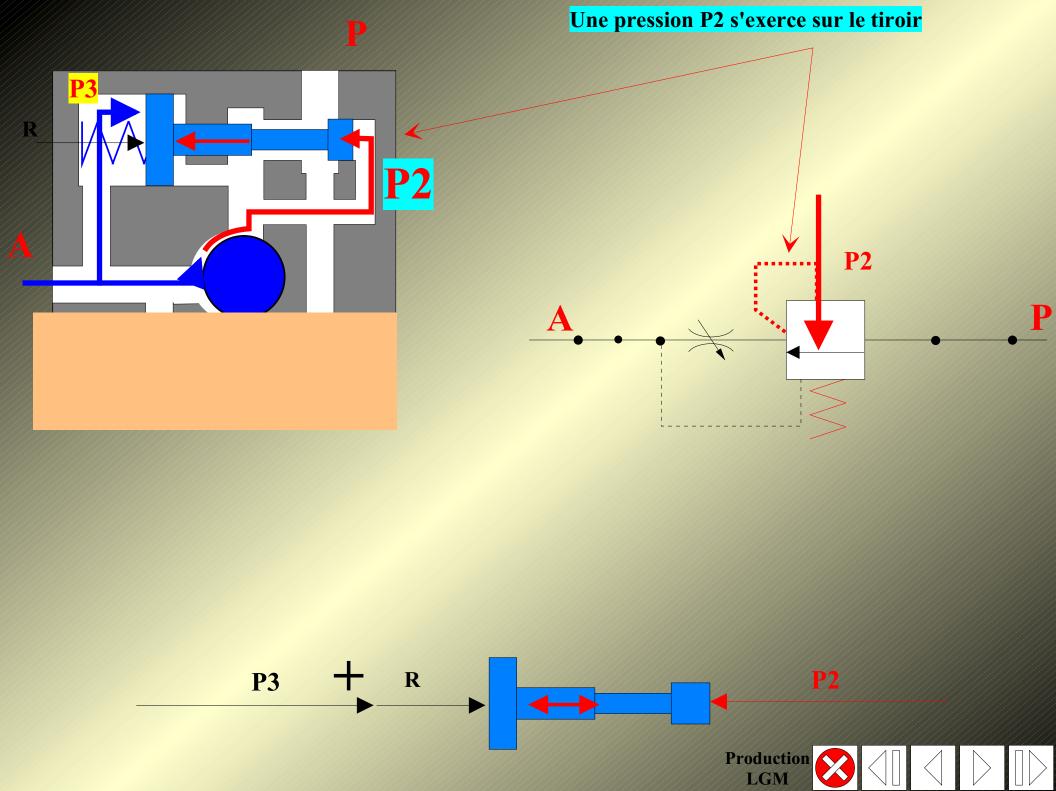


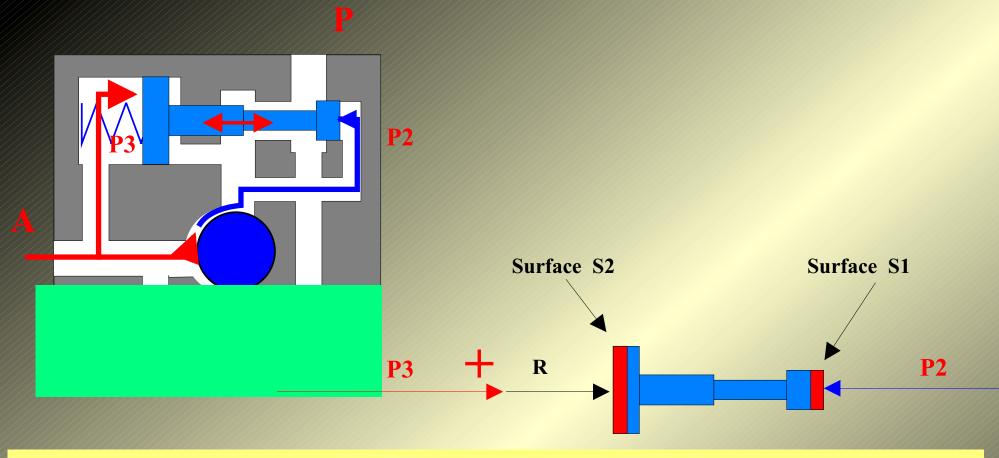












$$Si S1 = S2$$

(P2-P3)
$$S = R$$
 (force du ressort)

$$P2 - P3 = \frac{R}{S}$$
constante
$$P = constante$$







