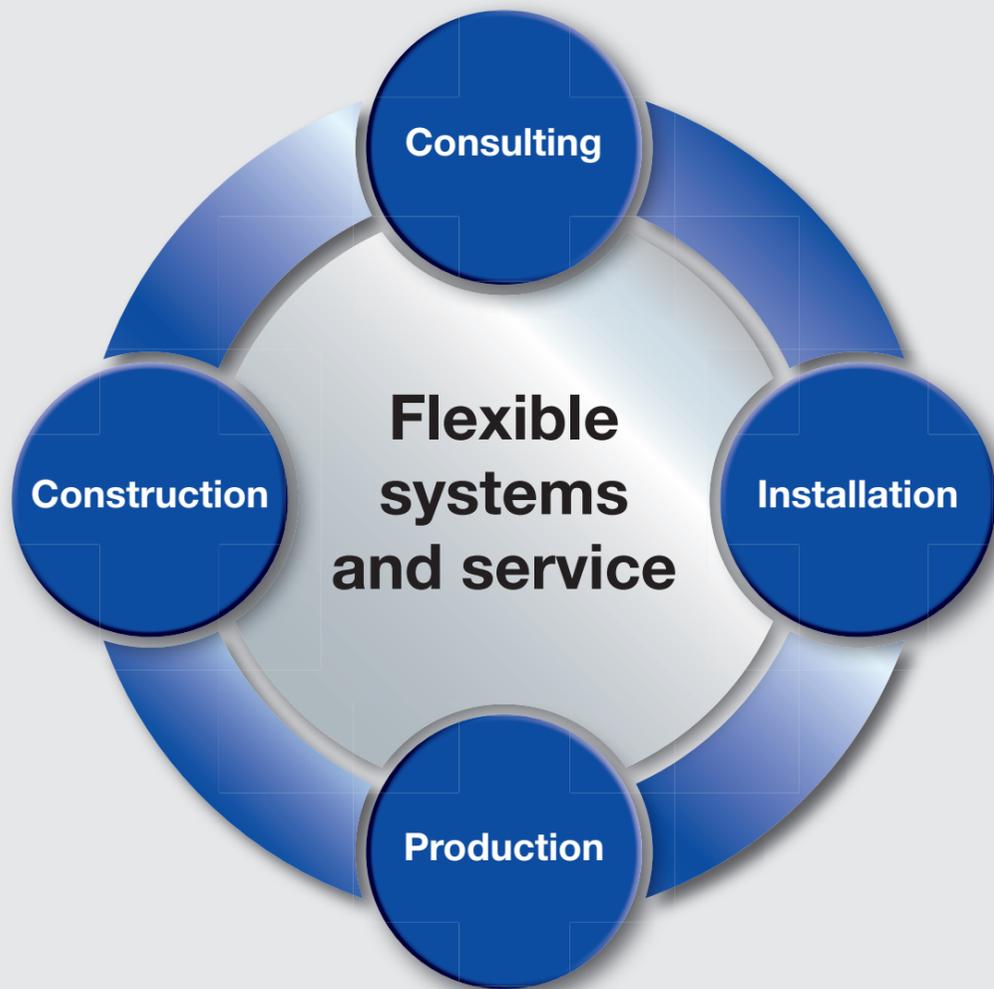


Flexible systems for bulk goods handling

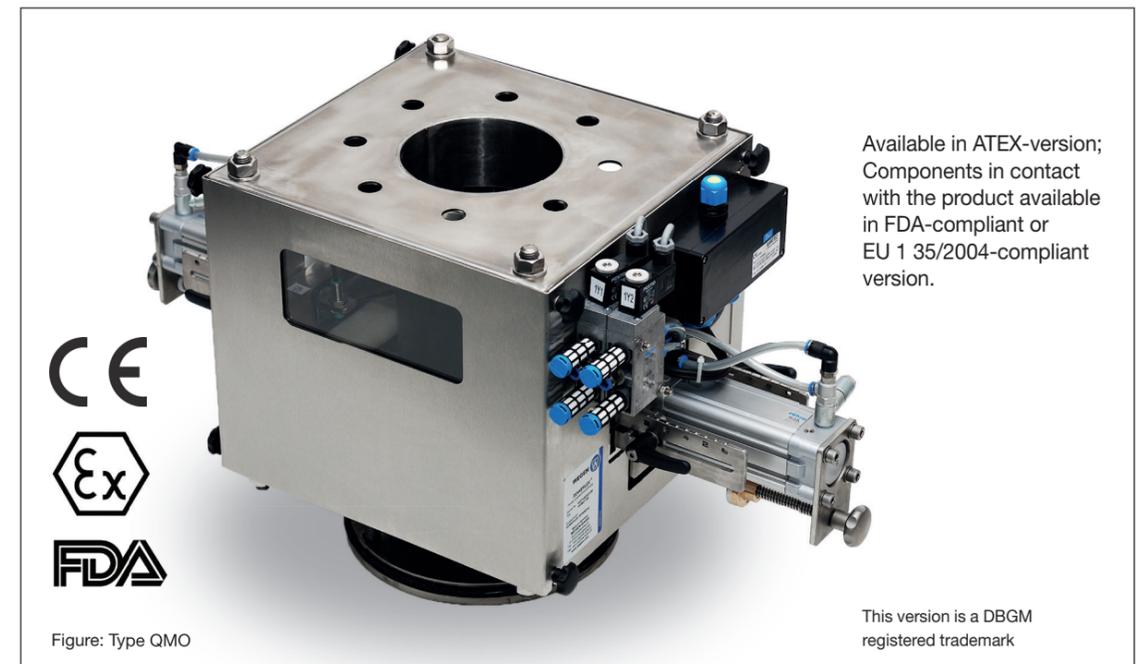


ROWEFLEX®

Dosing device Dos-QV

The flexible dosing system for bulk goods

The *ROWEFLEX®* Dos-QV can easily and precisely dose complicated bulk goods or lock up containers. Two separately-driven linear cylinders equipped with either two mechanical limit stops or an automatically-driven variable control in one cylinder allow high-precision dosing. There are two construction forms: an open case for normal requirements in industrial use or a special case for particular requirements in foodstuff or pharmaceutical industry. The *ROWEFLEX®* Dos-QV is a registered trademark and can be implemented into various dosing systems.



Advantages

of the *ROWEFLEX®* Dosing device:

- No metal parts inside
- Simple construction
- Adjustable flow rate
- precise dosing – coarse/fine flow
- optimal cleanability
- absolutely dust-proof

Application areas

of the *ROWEFLEX®* Dosing device:

- Food
- Pharmaceuticals
- Chemistry and toxic substances
- Colour pigment production and processing
- PVC processing
- Carbon black and tyres

ROWEFLEX®

ROWEFLEX® Dos-QV Type QMO

The QMO with mechanical limit stops was developed for easy dosing of bulk goods. It consists of one open stainless steel case with marginally included safety guards; optionally available including a vibration flange.

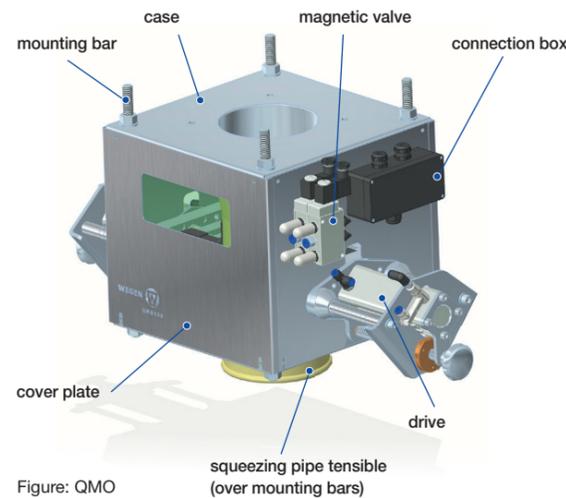


Figure: QMO

Material

Standard Elastomer qualities of the squeezing pipe:

ROWEFLEX® Material	Description	Colour	FDA-comp.	Electr. cond.
NK	Natural Rubber	Beige	-	-
NK	Natural Rubber	White	+	-
PG	Natural Rubber	Grey	-	-
CR	Chloroprene Rubber	White	+	-
CR	Chloroprene Rubber	Black	-	+
EP	EPDM Rubber	Black	+	+
EP	EPDM Rubber	White	+	-
NBR	Nitrile Rubber	Black	-	+
NBR	Nitrile Rubber	White	+	-
SI	Silicone Rubber	Light	+	-

We will gladly advise you with regard to the selection of the suitable ROWEFLEX® Material. Please do not hesitate to contact us regarding this.

Drive options

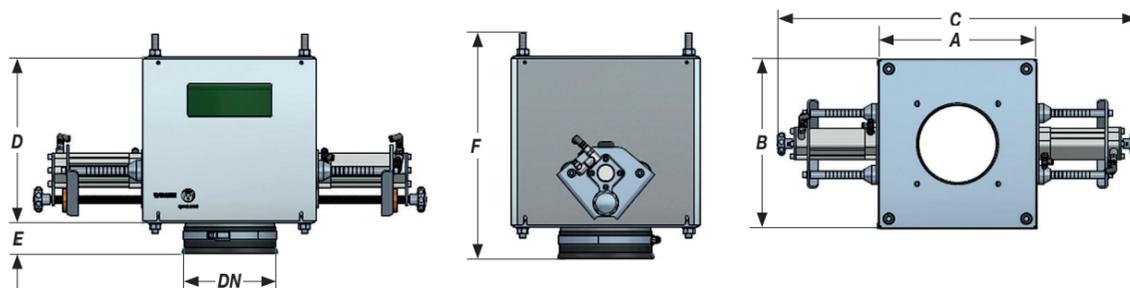
Including two separately-driven linear cylinders equipped with two mechanical limit stops for easy dosing of bulk goods with constant characteristics

Functions: *open – coarse flow – fine flow- close*

Dimensions

ROWEFLEX® Dosing device Dos-QV Type QMO has the following dimensions:

DN	A	B	C	D	E	F
100	307	303	724	275	75	404
150	372	368	851	355	75	475
200	412	443	931	406	75	529
250	463	523	1062	506	75	599



The Dosing device is available with a flange connection or a pipe connection. We gladly advise with regard to the selection of the right Dosing device and recommend to use other ROWEFLEX® products in combination.

Subject to change without notice

ROWEFLEX® Dos-QV Type QRO

The QRO with automatic control was developed for precise dosing of problematic bulk goods. It consists of an welded stainless steel case with marginally included safety guards; optionally available including a vibration flange.

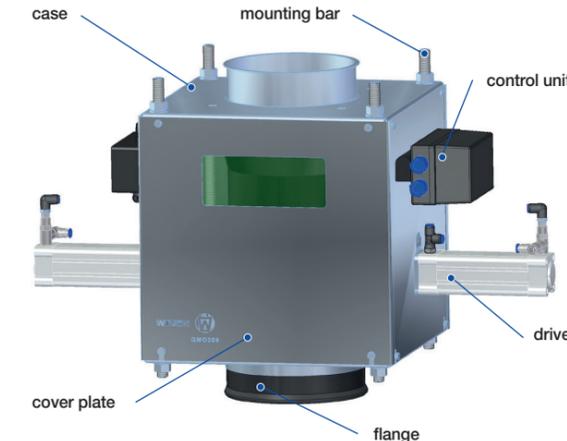


Figure: QRO

Material

Standard Elastomer qualities of the squeezing pipe:

ROWEFLEX® Material	Description	Colour	FDA-comp.	Electr. cond.
NK	Natural Rubber	Beige	-	-
NK	Natural Rubber	White	+	-
PG	Natural Rubber	Grey	-	-
CR	Chloroprene Rubber	White	+	-
CR	Chloroprene Rubber	Black	-	+
EP	EPDM Rubber	Black	+	+
EP	EPDM Rubber	White	+	-
NBR	Nitrile Rubber	Black	-	+
NBR	Nitrile Rubber	White	+	-
SI	Silicone Rubber	Light	+	-

We will gladly advise you with regard to the selection of the suitable ROWEFLEX® Material. Please do not hesitate to contact us regarding this.

Drive options

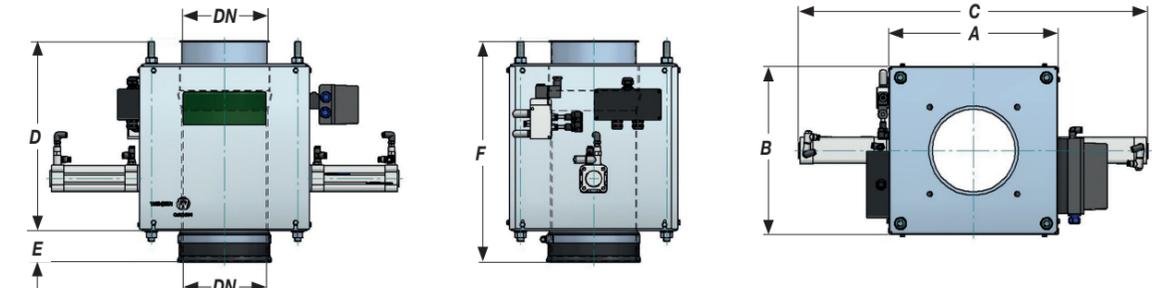
Including one separately-driven linear cylinder and one cylinder with an automatic infinitely variable control for precise dosing of various bulk goods with changing characteristics; control over signal 4 – 20 mA

Functions: *open – coarse flow – fine flow- close*

Dimensions

ROWEFLEX® Dosing device Dos-QV Type QRO has the following dimensions:

DN	A	B	C	D	E	F
100	300	280	655	256	160	366
150	370	370	765	356	160	466
200	400	400	835	456	160	566
250	430	470	935	556	160	666
300	510	590	1065	656	160	766



The Dosing device is available with a flange connection, a pipe connection or a Tri-Clamp CIP-connection. We will gladly advise you with regard to the selection of the right Dosing device and recommend to use other ROWEFLEX® products in combination.

Subject to change without notice

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