

NGX SERIES

TODO

A Gardner Denver Product

TODO® takes its long history and reputation of being the global safety coupling leader and combines it with Next Generation design thinking. The NGX series offers flow optimisation with the latest innovations in handling and performance to bring you an industry leading range of Safety Break-Aways.

The TODO® Next Generation Break-Away has been designed to eliminate spillage and damage associated with drive away/pull away incidents when loading/unloading hazardous liquids.

In the event of a drive/pull away incident, the break pins are subjected to breaking force and eventually shear,

causing the two halves of the Break-Away to separate. At this point, the two halves rapidly close off, preventing liquid/gas from escaping from the now broken line.

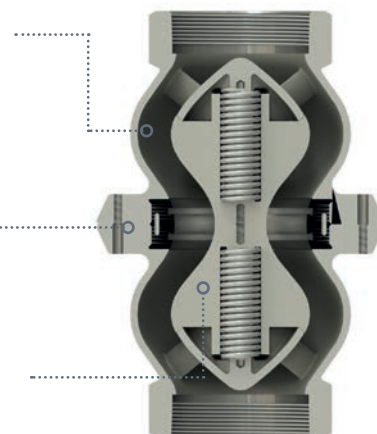
This safety mechanism prevents damage to the loading system, while ensuring minimal product loss.



Fluid Dynamic software optimised design for improved flow

Reconfigured seal location to reduce maintenance downtime

Shielded spring design – zero flow interruption



2", 3", 4" AND 6" TODO® BREAK-AWAY

(DN50), (DN80), (DN100) & (DN150)

- Extremely quick closing time
- Minimum loss of product
- Suitable for a wide range of applications

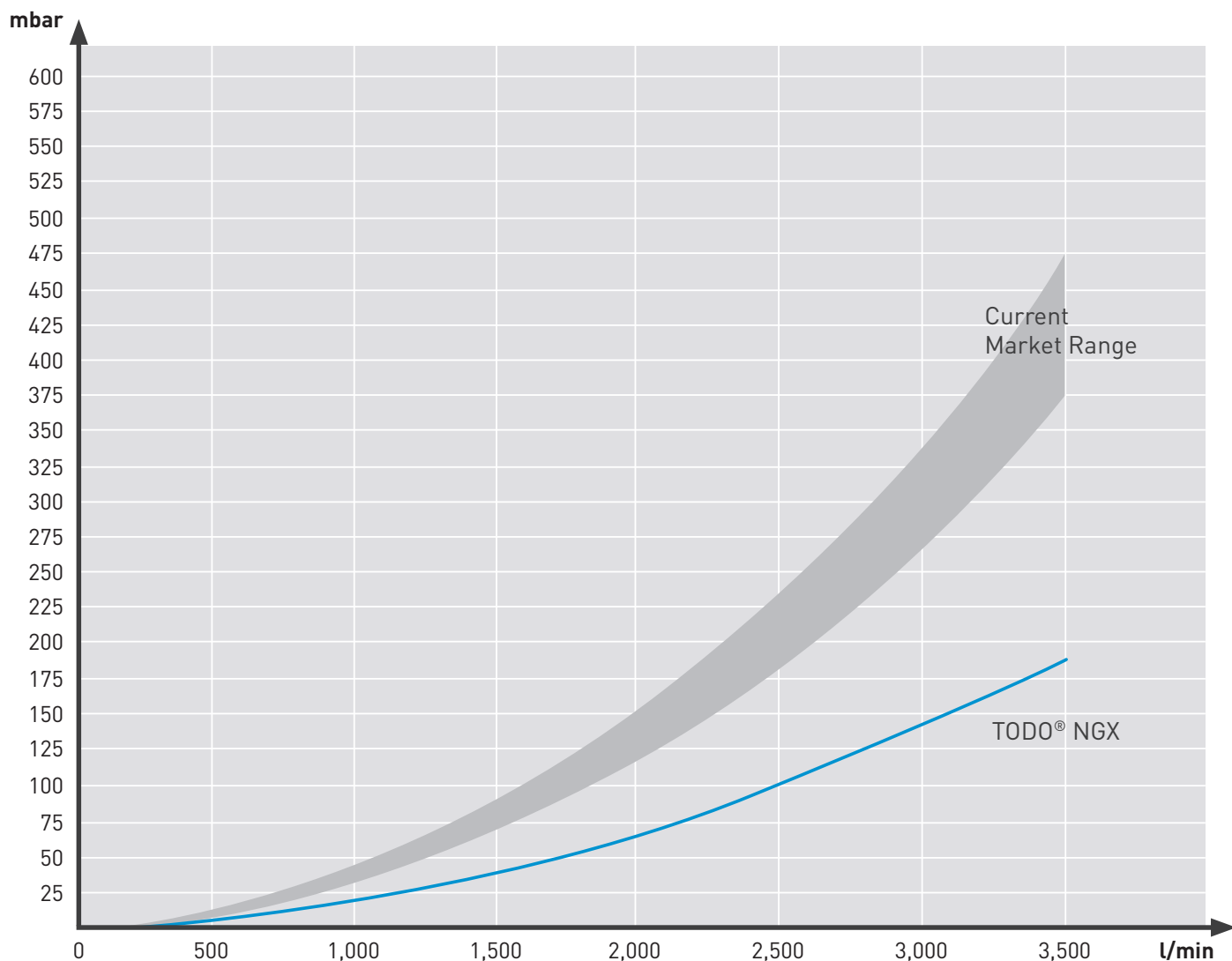
BENEFITS

- Faster loading/unloading due to the optimised flow rates offered
- Simple to retrofit onto Loading Arms
- Easier to handle when loading/unloading
- Reduced maintenance due to internal redesign and new seal placement
- Easy to reset on-site, saving time, saving money



PROM TEC, S.A. DE C.V.

Zacatepetl 363 A, Delegación Tlalpan
14010 México, D.F. Tel- +52 (55)
5606-1611, e-mail:
promtec@promtec.com.mx



	TODO® NGX	COMPETITOR A	TODO® STANDARD
Flow Rate	2000 l/min		
Pressure Drop	68 mbar	132% Higher	84% Higher
Mass	23.9 kg	5% Heavier	33% Heavier
Size	340mm	5% Longer	18% Longer

O-Ring Materials:	Standards and Approvals:	Applications:
Viton (FKM) Nitrile (NBR) Chemraz Kalrez Kalrez, Viton are Registered™ of DuPont Chemraz is a Registered™ of Greene Tweed	2014/68/EU – Pressure Equipment Directive 2014/34/EU – ATEX BS EN ISO9001:2015	Chemical Oil Pharmaceuticals Tank Trucks/Depots Railcars Containers



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promtec@promtec.com.mx