PD 40

Discharge pulsation dampener

Features and benefits

- Increases process uptime and performance by reducing pulsation in pump and process
- Decreases vibration in your system and eliminates pipe hammer to improve pump performance
- In-line, low maintenance set-up, suitable for Bredel and APEX pumps with hose size from 25 mm (1”) to 100 mm (4”)
- Eliminates up to 90% of the pump discharge pulsation between 2 bar (29 psi) and 16 bar (232 psi) pressure
- Certified to meet directive 2014/68/EU by LRQA

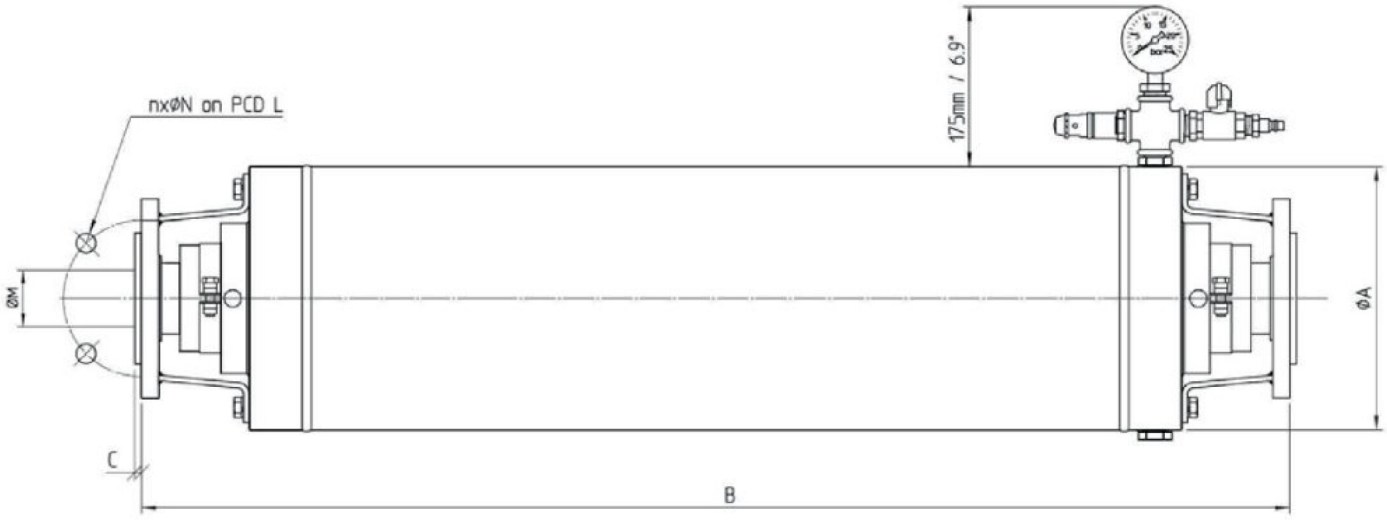
Technical specifications

	PD 40
Max. operating pressure	16 bar (232.1 psi)
Storage temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Product temperature	-10 °C to 80 °C (14 °F to 176 °F)
Assembly weight	34.4 kg (75.8 lbs)

Materials of construction

	PD 40
Hose material	CSM, EPDM, Natural rubber (NR), NBR
Housing assemblies	Carbon steel
O-ring	NBR
Flange materials	Galvanised steel, Stainless steel 316
Inserts	PP (polypropylene), PVC, PVDF, Stainless steel

PD 40 dimensions



Dimensions in mm (for DIN flanges)							**Dimensions in inches (for 150# ANSI flanges)**								
		A	B	C	C	n x N	L	M	A	B	C	C	n x N	L	M
Dampener Type	Pump Type			SS	PVC PVDF PP			DIN flange size			SS	PVC PVDF PP			ANSI flange size
PD40	APEX 28	168	800	4	20	4 x 14	85	25	6.6	31.5	0.16	0.79	4 x 5/8	3 - 1/8	1
PD40	APEX 35	168	800	4	20	4 x 18	100	32	6.6	31.5	0.10	0.79	4 x 5/8	3 - 7/8	1 - 1/2
PD40	Bredel 25	168	800	4	20	4 x 14	85	25	6.6	31.5	0.16	0.79	4 x 5/8	3 - 1/8	1
PD40	Bredel 32	168	800	4	20	4 x 18	100	32	6.6	31.5	0.16	0.79	4 x 5/8	3 - 1/2	1 - 1/4
PD40	Bredel 40	168	800	2.5	20	4 x 18	110	40	6.6	31.5	0.10	0.79	4 x 5/8	3 - 7/8	1 - 1/2

Product codes

Replacement hose element			Part number
Hose Type	**Material**	**Colour code**	**PD/40**
NR	Natural rubber	Purple	28-P040020
NBR	Nitrile rubber	Yellow	28-P040040
EPDM	EPDM	Red	28-P040075
CSM	CSM	Blue	28-P040070

The material of the inner liner of the hose determines the hose type. Each hose type is marked by a unique colour code.

For ordering codes and information on pulsation dampeners and inserts please contact your Bredel representative.

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