

Round Cylinders DSNU – Inch Series

Overview



- Piston Ø 5/16“ to 1”
- Stroke lengths up to 20”
- Double-acting
- Meets the highest requirements for running characteristics, service life and load carrying ability
- Extensive range of accessories

Detailed product information → [www.festo.com/catalog/dsnu](http://www.festo.com/catalog/dsnu)

Product Range Overview							
Function	Type	Piston Ø [in]	Stroke [in]	Force [lbf]	Variants		
					P	PPV	A
Double-acting	DSNU	5/16, 3/8, 1/2, 5/8, 3/4, 1	0.04 ... 20	5.2 ... 66.3	■	■ <sup>1)</sup>	■

1) Adjustable as of Piston Ø 5/8"

Variants

P	Flexible cushioning at both ends	PPV	Adjustable air cushioning at both ends	A	Magnet for position sensing
---	-------------------------------------	-----	---	---	-----------------------------

Type	Piston Ø [in]	Standard Stroke [in]	Variable Stroke <sup>1)</sup> [in]
DSNU	5/16, 3/8	1/2, 1, 2, 3, 4	0.04 ... 4
	1/2, 5/8	1/2, 1, 2, 3, 4, 5, 6, 8	0.04 ... 8
	3/4	1/2, 1, 2, 3, 4, 5, 6, 8, 10, 12	0.04 ... 12
	1	1/2, 1, 2, 3, 4, 5, 6, 8, 10, 12	0.04 ... 20

1) Reliable position sensing requires a minimum stroke of 0.4 inch.

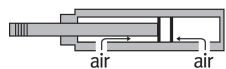
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# Round Cylinders DSNU – Inch Series

Technical Data

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Double-acting



Diameter

5/16 ... 1 in

Stroke length

0.04 ... 20 in



General Technical Data							
Piston Ø	[in]	5/16	3/8	1/2	5/8	3/4	1
Pneumatic connection		10-32 UNF	10-32 UNF	10-32 UNF	10-32 UNF	1/8" NPT	1/8" NPT
Piston rod thread		6-32 UNC	6-32 UNC	10-32 UNF	10-32 UNF	5/16-24 UNF	3/8-24 UNF
Constructional design		Piston					
		Piston rod					
		Cylinder barrel					
Cushioning		Flexible cushioning rings at both ends (P)			Adjustable air cushioning at both ends (PPV)		
Cushioning length (PPV)	[in]	–			0.47	0.59	0.67
Magnet for position sensing <sup>1)</sup>		Optional					

1) Position sensing via magnetic proximity sensor (ordered separately, see accessories).

Operating Pressure [psi]							
Piston Ø	[in]	5/16	3/8	1/2	5/8	3/4	1
Operating medium		Compressed air in accordance with ISO 8573-1:2010 [7:4:4]					
Note on operating/pilot medium		Operation with lubricated medium possible (in which case lubricated operation will always be required)					
Operating pressure		22.1 ... 147.0	14.7 ... 147.0				

Ambient Conditions						
Ambient temperature <sup>1)</sup>	[°F]	–4 ... +176				
Corrosion resistance class CRC <sup>2)</sup>		2				

1) Note operating range of proximity sensors

2) Corrosion resistance class 2 according to Festo standard 940 070

Components with moderate corrosion resistance for use in normal industrial environments subjected to contact with coolants or lubricating agents.

Forces [lbf] and Impact Energy [ft-lbf]						
Piston Ø [in]	5/16	3/8	1/2	5/8	3/4	1
Theoretical force at 90 psi, extending	6.7	10.6	15.3	27.2	42.5	66.3
Theoretical force at 90 psi, retracting	5.2	9.0	11.5	23.4	35.5	55.5
Max. impact energy at the end positions	0.02	0.04	0.05	0.11	0.15	0.22

Weights [oz]						
Piston Ø [in]	5/16	3/8	1/2	5/8	3/4	1
Product weight with 0 inch stroke	1.22	1.32	2.65	3.17	6.59	8.40
Additional weight per 1 inch stroke	0.20	0.25	0.36	0.41	0.64	0.99

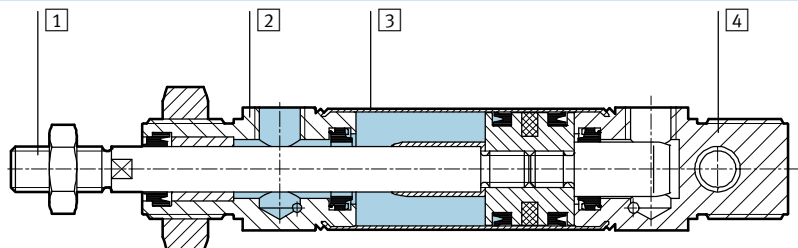
# Round Cylinders DSNU – Inch Series

Technical Data, Ordering Data

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## Materials

Sectional view



## DSNU

1	Piston rod	High-alloy stainless steel
2	Bearing cap	Wrought aluminum alloy
3	Cylinder barrel	High-alloy stainless steel
4	End cap	Wrought aluminum alloy
–	Seals	Polyurethane, nitrile rubber

## Ordering Data

Piston Ø [in]	Stroke [in]	Part No.	Type	LT	Piston Ø [in]	Stroke [in]	Part No.	Type	LT
5/16	1/2	546394	DSNU-5/16"-1/2"-P-A	1D	3/4	1	546403	DSNU-3/4"-1"-PPV-A	1D
	1	546393	DSNU-5/16"-1"-P-A	1D		2	546406	DSNU-3/4"-2"-PPV-A	1D
	2	546395	DSNU-5/16"-2"-P-A	1D		3	546407	DSNU-3/4"-3"-PPV-A	1D
	3	546396	DSNU-5/16"-3"-P-A	3D		4	546408	DSNU-3/4"-4"-PPV-A	1D
	4	546397	DSNU-5/16"-4"-P-A	3D		5	546409	DSNU-3/4"-5"-PPV-A	1D
	0.04 ... 4	548482	DSNU-5/16"-...-P-A	3D		6	546410	DSNU-3/4"-6"-PPV-A	1D
3/8	1/2	546399	DSNU-3/8"-1/2"-P-A	1D		8	546411	DSNU-3/4"-8"-PPV-A	1D
	1	546398	DSNU-3/8"-1"-P-A	1D		10	546404	DSNU-3/4"-10"-PPV-A	1D
	2	546400	DSNU-3/8"-2"-P-A	1D		12	546405	DSNU-3/4"-12"-PPV-A	1D
	3	546401	DSNU-3/8"-3"-P-A	3D		0.04 ... 12	548536	DSNU-3/4"-...-PPV-A	3D
	0.04 ... 4	548483	DSNU-3/8"-...-P-A	3D	1	1/2	546413	DSNU-1"-1/2"-PPV-A	3D
1/2	1/2	546387	DSNU-1/2"-1/2"-P-A-B	1D		1	546412	DSNU-1"-1"-PPV-A	1D
	1	546386	DSNU-1/2"-1"-P-A-B	1D		2	546416	DSNU-1"-2"-PPV-A	1D
	2	546388	DSNU-1/2"-2"-P-A-B	1D		3	546421	DSNU-1"-3"-PPV-A	1D
	0.04 ... 8	548484	DSNU-1/2"-...-P-A	3D		4	546417	DSNU-1"-4"-PPV-A	1D
5/8	1	546389	DSNU-5/8"-1"-PPV-A-B	1D		5	546418	DSNU-1"-5"-PPV-A	1D
	2	546390	DSNU-5/8"-2"-PPV-A-B	1D		6	546419	DSNU-1"-6"-PPV-A	1D
	3	546391	DSNU-5/8"-3"-PPV-A-B	1D		8	546420	DSNU-1"-8"-PPV-A	1D
	4	546392	DSNU-5/8"-4"-PPV-A-B	1D		10	546414	DSNU-1"-10"-PPV-A	1D
	0.04 ... 8	548501	DSNU-5/8"-...-PPV-A	3D		12	546415	DSNU-1"-12"-PPV-A	1D
						0.04 ... 20	548437	DSNU-1"-...-PPV-A	3D

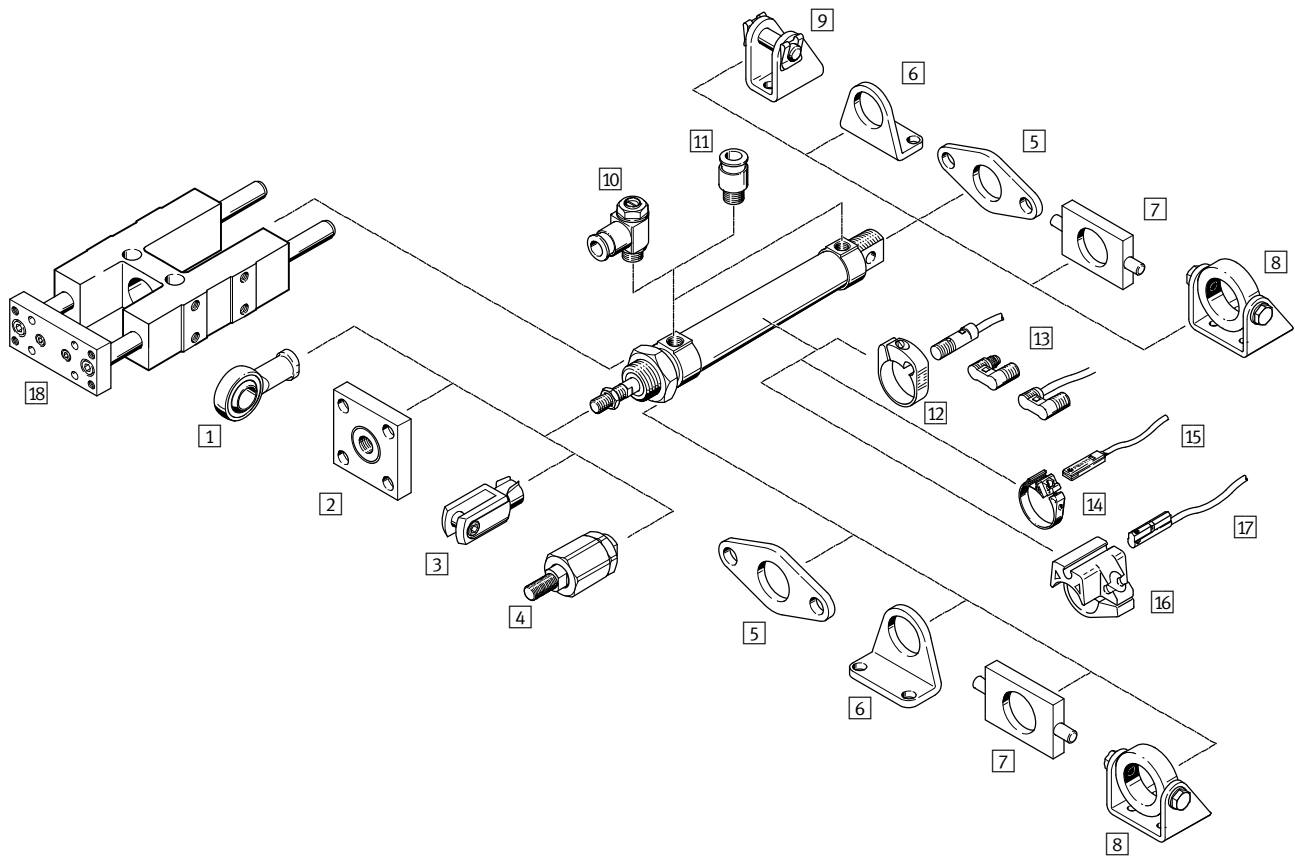
LT = Lead time

1D typically ships same day/next day

3D typically ships within 3 days

# Round Cylinders DSNU – Inch Series

Accessories





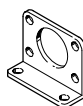



Mounting Attachments and Accessories		→ Page/Internet
1	Rod eye SGS	9
2	Coupling piece KSZ	ksz
3	Rod clevis SG	9
4	Self-aligning rod coupler FK	9
5	Flange mounting FBN	9
6	Foot mounting HBN/HF	9
7	Swivel mounting WBN	9
8	Swivel mounting SBN	sbn
9	Clevis foot LBN	9




Mounting Attachments and Accessories		→ Page/Internet
10	One-way flow control valve GRLA	9
11	Push-in fitting QB	9
12	Sensor mounting kit SMBR	smbr
13	Proximity switch SMEO/SMT0	smt0
14	Sensor mounting kit SMBR-8	9
15	Proximity switch SME/SMT-8	9
16	Sensor mounting kit SMBR-10	smbr-10
17	Proximity switch SME/SMT-10	9
18	Guide unit FEN	fen






# Round Cylinders DSNU – Inch Series


Accessories


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
Ordering Data – Mounting Attachments			
Technical Data → <a href="http://www.festo.com/catalog/ctype">www.festo.com/catalog/ctype</a> or <order code>			
	For Ø [in]	Part No.	Type
<b>Foot mounting HBN</b>			
	5/16, 3/8	5123	HBN-8/10x1
	1/2, 5/8	5125	HBN-12/16x1
	3/4, 1	5127	HBN-20/25x1
	5/16, 3/8	5124	HBN-8/10x2
	1/2, 5/8	5126	HBN-12/16x2
	3/4, 1	5128	HBN-20/25x2
<b>Foot mounting HF</b>			
	5/16, 3/8	11243	HF-5/16"-3/8"-A
	1/2, 5/8	11244	HF-1/2"-5/8"-A
	3/4, 1	11245	HF-3/4"-1"-A
<b>Flange mounting</b>			
	5/16, 3/8	5129	FBN-8/10
	1/2, 5/8	5130	FBN-12/16
	3/4, 1	5131	FBN-20/25
<b>Swivel mounting</b>			
	5/16, 3/8	8608	WBN-8/10
	1/2, 5/8	8609	WBN-12/16
	3/4, 1	8610	WBN-20/25
<b>Clevis foot</b>			
	5/16, 3/8	6057	LBN-8/10
	1/2, 5/8	6058	LBN-12/16
	3/4, 1	6059	LBN-20/25

Ordering Data – Piston Rod Attachments			
Technical Data → <a href="http://www.festo.com/catalog/ctype">www.festo.com/catalog/ctype</a> or <order code>			
	For Ø [in]	Part No.	Type
<b>Rod eye</b>			
	5/16, 3/8	532693	SGS-6-32
	1/2, 5/8	532694	SGS-10-32
	3/4	532695	SGS-5/16-24
	1	532696	SGS-3/8-24
<b>Rod clevis</b>			
	5/16, 3/8	11127	SG-6-32
	1/2, 5/8	546552	SG-UNF10-32-B
	3/4	546574	SG-UNF5/16"-24-B
	1	546540	SG-UNF3/8"-24-B
<b>Self-aligning rod coupler</b>			
	5/16, 3/8	532702	FK-6-32
	1/2, 5/8	532703	FK-10-32
	3/4	532704	FK-5/16-24
	1	532705	FK-3/8-24

Ordering Data – Proximity Sensors and Connecting Cables			
	Description	Part No.	Type
Proximity sensor for C-slot, magneto-resistive – N/O contact Technical data → 173			
	PNP, cable, 8 ft	551373	SMT-10M-PS-24V-E-2,5-L-OE
	PNP, plug	551375	SMT-10M-PS-24V-E-0,3-L-M8D
Magnetic reed – N/O contact Technical data → 174			
	Cable, 8 ft	551369	SME-10M-ZS-24V-E-2,5-L-OE
	Plug	551367	SME-10M-DS-24V-E-0,3-L-M8D
Proximity sensor for T-slot, magneto-resistive – N/O contact Technical data → 169			
	PNP, cable, 8 ft	574335	SMT-8M-A-PS-24V-E-2,5-OE
	PNP, plug	574334	SMT-8M-A-PS-24V-E-0,3-M8D
	NPN, cable, 8 ft	574338	SMT-8M-A-NS-24V-E-2,5-OE
	NPN, plug	574339	SMT-8M-A-NS-24V-E-0,3-M8D
Magnetic reed – N/O contact Technical data → 170			
	Cable, 8 ft	543862	SME-8M-ZS-24V-K-2,5-OE
	Plug	543861	SME-8M-DS-24V-K-0,3-M8D
Connecting cable, straight socket			
	8 ft	541333	NEBU-M8G3-K-2.5-LE3

Ordering Data – Mounting Kits for Proximity Sensors SMT/SME-8			
	For Ø [in]	Part No.	Type
	5/16	175091	SMBR-8-8
	3/8	175092	SMBR-8-10
	1/2	175093	SMBR-8-12
	5/8	175094	SMBR-8-16
	3/4	175095	SMBR-8-20
	1	175096	SMBR-8-25

Ordering Data – One-way Flow Control Valves for Exhaust Air Flow Control				
Technical Data → 253				
Function	For Ø [in]	Tubing O.D. [in]	Part No.	Type
	5/16, 3/8,	5/32	564840	GRLA-10-32-UNF-QB-5/32-U
	1/2, 5/8	1/4	564842	GRLA-10-32-UNF-QB-1/4-U
	3/4, 1	5/32	534656	GRLA-1/8-QB-5/32-U
		1/4	534658	GRLA-1/8-QB-1/4-U

Ordering Data – Push-in Fittings QB				
Technical Data → 245				
Function	For Ø [in]	Tubing O.D. [in]	Part No.	Type
	5/16, 3/8,	3/16	533268	QB-10-32-UNF-3/16-U
	1/2, 5/8	1/4	533269	QB-10-32-UNF-1/4-U
	3/4, 1	3/16	533272	QB-1/8-3/16-U
		1/4	533273	QB-1/8-1/4-U

Lead Time LT for all products on this page: **1D** typically ships same day/next day

# Standard Cylinders DSNU – Metric Series, to ISO 6432

Overview

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DSNU Standard Cylinders meet ISO 6432 mounting, rod, bore and thread dimension specifications for easy interchangeability.

- Piston Ø 8 to 25 mm
- Stroke lengths up to 500 mm
- Double-acting
- Meets the highest requirements for running characteristics, service life and load carrying ability
- Extensive range of accessories

Detailed product information → [www.festo.com/catalog/dsnu](http://www.festo.com/catalog/dsnu)

Product Range Overview								
Function	Version	Piston Ø [mm]	Stroke [mm]	Force [N]	Variants			
					P	PPS	PPV	A
Double-acting	DSNU							
	Basic version	8, 10, 12	1 ... 500	30 ... 68	■	–	–	■
		16, 20, 25		121 ... 295	–	■	■	■

Variants							
P	Flexible cushioning rings/pads at both ends	PPS	Pneumatic cushioning, self-adjusting at both ends	PPV	Pneumatic cushioning, adjustable at both ends	A	Position sensing

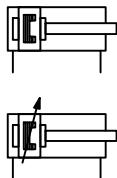
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**Note:** All metric products can be used within inch tubing systems via hybrid fittings (→ Overview on page 240)

# Standard Cylinders DSNU – Metric Series, to ISO 6432

Technical Data, Ordering Data

**FESTO**



## Materials

End caps: Wrought aluminum alloy

Housing: High-alloy stainless steel

Piston rod: High-alloy steel

Seals: Polyurethane, nitrile rubber



Technical Data						
Piston Ø	8	10	12	16	20	25
Pneumatic connection	M5	M5	M5	M5	G $\frac{1}{8}$	G $\frac{1}{8}$
End of piston rod	Male thread					
Piston rod thread	M4	M4	M6	M6	M8	M10x1.25
Cushioning	Flexible cushioning rings/pads at both ends			Pneumatic cushioning, adjustable at both ends		
				Pneumatic cushioning, self-adjusting at both ends		
Cushioning length <sup>1)</sup>	[mm]	–	9	12	15	17
Theoretical force at 6 bar, advancing	[N]	30	47	68	121	189
Theoretical force at 6 bar, retracting	[N]	23	40	51	104	158
Max. torque at the piston rod <sup>2)</sup>	[Nm]	–	–	0.10	0.10	0.20
Ø/length at 0 mm stroke	[mm]	19/86	19/86	24/105	24/111	32/132
					32/132	32/141

1) Applies exclusively to pneumatic cushioning adjustable at both ends (PPV).

2) Applies exclusively to variants with protection against rotation (Q).

Operating Conditions		
Piston Ø	8	10 ... 25
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:4:4]	
Note on operating/pilot medium	Operation with lubricated medium possible (in which case lubricated operation will always be required)	
Operating pressure	[bar]	1.5 ... 10
Ambient temperature <sup>2)</sup>	[°C]	–20 ... +80

1) Piston Ø 12 mm, pneumatic cushioning adjustable at both ends: 2 ... 10 bar.

2) Note operating range of proximity sensors.

Ordering Data – P Variant									
Piston Ø [mm]	Stroke [mm]	Part No.	Type	LT	Piston Ø [mm]	Stroke [mm]	Part No.	Type	LT
8	10	19177	DSNU-8-10-P-A	1D	12	10	19189	DSNU-12-10-P-A	1D
	25	19178	DSNU-8-25-P-A	1D		25	19190	DSNU-12-25-P-A	1D
	40	19179	DSNU-8-40-P-A	1D		40	19191	DSNU-12-40-P-A	1D
	50	19180	DSNU-8-50-P-A	1D		50	19192	DSNU-12-50-P-A	1D
	80	19181	DSNU-8-80-P-A	3D		80	19193	DSNU-12-80-P-A	3D
	100	19182	DSNU-8-100-P-A	3D		100	19194	DSNU-12-100-P-A	3D
	1 ... 200	14326	DSNU-8-...-P-A	3D		125	19195	DSNU-12-125-P-A	3D
10	10	19183	DSNU-10-10-P-A	1D		160	19196	DSNU-12-160-P-A	3D
	25	19184	DSNU-10-25-P-A	1D		200	19197	DSNU-12-200-P-A	3D
	40	19185	DSNU-10-40-P-A	1D		1 ... 200	14324	DSNU-12-...-P-A	3D
	50	19186	DSNU-10-50-P-A	1D					
	80	19187	DSNU-10-80-P-A	3D					
	100	19188	DSNU-10-100-P-A	3D					
	1 ... 200	14325	DSNU-10-...-P-A	3D					

LT = Lead time

1D typically ships same day/next day

3D typically ships within 3 days

# Standard Cylinders DSNU – Metric Series, to ISO 6432

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Ordering Data

Ordering Data – PPS and PPV Variant									
Piston Ø [mm]	Stroke [mm]	Part No.	Type	LT	Piston Ø [mm]	Stroke [mm]	Part No.	Type	LT
16	25	559263	DSNU-16-25-PPS-A	1D	16	25	33973	DSNU-16-25-PPV-A	1D
	40	559264	DSNU-16-40-PPS-A	1D		40	19229	DSNU-16-40-PPV-A	1D
	50	559265	DSNU-16-50-PPS-A	1D		50	19230	DSNU-16-50-PPV-A	1D
	80	559266	DSNU-16-80-PPS-A	1D		80	19231	DSNU-16-80-PPV-A	3D
	100	559267	DSNU-16-100-PPS-A	1D		100	19232	DSNU-16-100-PPV-A	3D
	125	559268	DSNU-16-125-PPS-A	1D		125	19233	DSNU-16-125-PPV-A	3D
	160	559269	DSNU-16-160-PPS-A	1D		160	19234	DSNU-16-160-PPV-A	3D
	200	559270	DSNU-16-200-PPS-A	1D		200	19235	DSNU-16-200-PPV-A	3D
20	25	559271	DSNU-20-25-PPS-A	1D	20	1 ... 320	14320	DSNU-16-...-PPV-A	3D
	40	559272	DSNU-20-40-PPS-A	1D		25	33974	DSNU-20-25-PPV-A	1D
	50	559273	DSNU-20-50-PPS-A	1D		40	19236	DSNU-20-40-PPV-A	1D
	80	559274	DSNU-20-80-PPS-A	1D		50	19237	DSNU-20-50-PPV-A	1D
	100	559275	DSNU-20-100-PPS-A	1D		80	19238	DSNU-20-80-PPV-A	1D
	125	559276	DSNU-20-125-PPS-A	1D		100	19239	DSNU-20-100-PPV-A	1D
	160	559277	DSNU-20-160-PPS-A	1D		125	19240	DSNU-20-125-PPV-A	1D
	200	559278	DSNU-20-200-PPS-A	1D		160	19241	DSNU-20-160-PPV-A	1D
	250	559279	DSNU-20-250-PPS-A	1D		200	19242	DSNU-20-200-PPV-A	1D
	300	559280	DSNU-20-300-PPS-A	1D		250	19243	DSNU-20-250-PPV-A	1D
25	320	559281	DSNU-20-320-PPS-A	3D	25	300	19244	DSNU-20-300-PPV-A	1D
	25	559282	DSNU-25-25-PPS-A	1D		320	34720	DSNU-20-320-PPV-A	3D
	40	559283	DSNU-25-40-PPS-A	1D		1 ... 320	14321	DSNU-20-...-PPV-A	3D
	50	559284	DSNU-25-50-PPS-A	1D		25	33975	DSNU-25-25-PPV-A	1D
	80	559285	DSNU-25-80-PPS-A	1D		40	19245	DSNU-25-40-PPV-A	1D
	100	559286	DSNU-25-100-PPS-A	1D		50	19246	DSNU-25-50-PPV-A	1D
	125	559287	DSNU-25-125-PPS-A	1D		80	19247	DSNU-25-80-PPV-A	1D
	160	559288	DSNU-25-160-PPS-A	1D		100	19248	DSNU-25-100-PPV-A	1D
	200	559289	DSNU-25-200-PPS-A	1D		125	19249	DSNU-25-125-PPV-A	1D
	250	559290	DSNU-25-250-PPS-A	1D		160	19250	DSNU-25-160-PPV-A	1D
	300	559291	DSNU-25-300-PPS-A	1D		200	19251	DSNU-25-200-PPV-A	1D
	320	559292	DSNU-25-320-PPS-A	3D		250	19252	DSNU-25-250-PPV-A	1D
	400	559293	DSNU-25-400-PPS-A	3D		300	19253	DSNU-25-300-PPV-A	1D
	500	559294	DSNU-25-500-PPS-A	3D		320	34721	DSNU-25-320-PPV-A	3D
						400	35193	DSNU-25-400-PPV-A	3D
						500	35194	DSNU-25-500-PPV-A	3D
						1 ... 500	14322	DSNU-25-...-PPV-A	3D

LT = Lead time

1D typically ships same day/next day

3D typically ships within 3 days

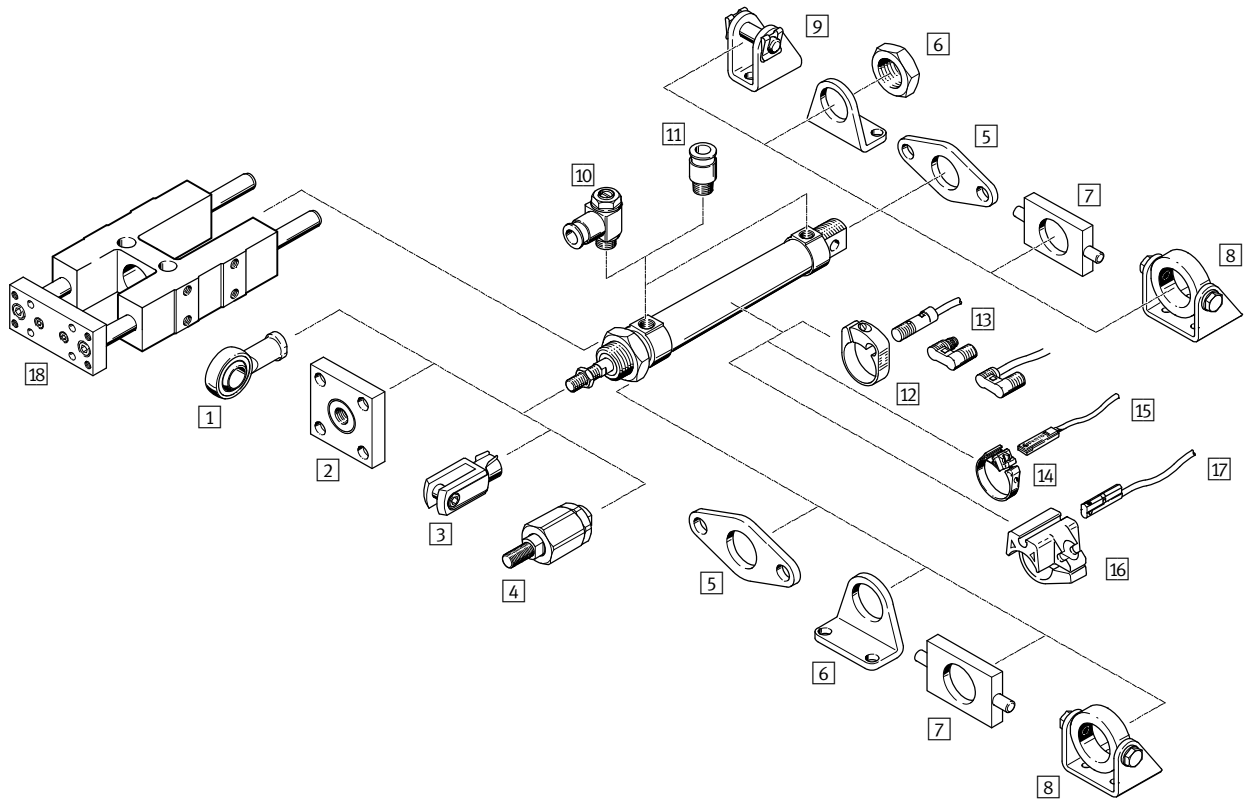


# Standard Cylinders DSNU – Metric Series, to ISO 6432



Accessories

## Peripherals Overview




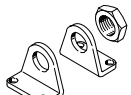



Accessories		→ Page/Internet
1	Rod eye SGS	27
2	Coupling piece KSG/KSZ	ksg, ksz
3	Rod clevis SG	27
4	Self-aligning rod coupler FK	27
5	Flange mounting FBN	27
6	Foot mounting HBN	27
7	Swivel mounting WBN	27
8	Swivel mounting SBN	sbn
9	Clevis foot LBN	27




Accessories		→ Page/Internet
10	One-way flow control valve GRLA	27
11	Push-in fitting QS	27
12	Mounting kit SMBR	smbr
13	Proximity sensor SMEO/SMT-4	smt-4
14	Mounting kit SMBR-8	27
15	Proximity sensor SME/SMT-8	27
16	Mounting kit SMBR-10	smbr-10
17	Proximity sensor SME/SMT-10	27
18	Guide unit FEN	fen

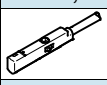
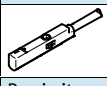
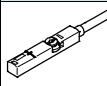
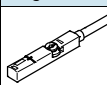

# Standard Cylinders DSNU – Metric Series, to ISO 6432


FESTO

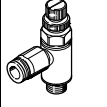
Accessories

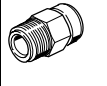
Ordering Data – Mounting Attachments			
Technical Data → <a href="http://www.festo.com/catalog/ctype">www.festo.com/catalog/ctype</a> or <order code>			
Designation	For Ø [mm]	Part No.	Type
<b>Foot mounting</b>			
	8, 10	5123	HBN-8/10x1
	12, 16	5125	HBN-12/16x1
	20, 25	5127	HBN-20/25x1
	8, 10	5124	HBN-8/10x2
	12, 16	5126	HBN-12/16x2
	20, 25	5128	HBN-20/25x2
<b>Flange mounting</b>			
	8, 10	5129	FBN-8/10
	12, 16	5130	FBN-12/16
	20, 25	5131	FBN-20/25
<b>Swivel mounting</b>			
	8, 10	8608	WBN-8/10
	12, 16	8609	WBN-12/16
	20, 25	8610	WBN-20/25
<b>Clevis foot</b>			
	8, 10	6057	LBN-8/10
	12, 16	6058	LBN-12/16
	20, 25	6059	LBN-20/25

Ordering Data – Piston Rod Attachments			
Technical Data → <a href="http://www.festo.com/catalog/ctype">www.festo.com/catalog/ctype</a> or <order code>			
Designation	For Ø [mm]	Part No.	Type
<b>Rod eye</b>			
	8, 10	9253	SGS-M4
	12, 16	9254	SGS-M6
	20	9255	SGS-M8
	25	9261	SGS-M10x1,25
<b>Rod clevis</b>			
	8, 10	6532	SG-M4
	12, 16	3110	SG-M6
	20	3111	SG-M8
	25	6144	SG-M10x1,25
<b>Self-aligning rod coupler</b>			
	8, 10	6528	FK-M4
	12, 16	2061	FK-M6
	20	2062	FK-M8
	25	6140	FK-M10x1,25

Ordering Data – Proximity Sensors and Connecting Cables			
	Description	Part No.	Type
<b>Proximity sensor for C-slot, magneto-resistive – N/O contact</b> Technical data → 173			
	PNP, cable, 2.5 m	551373	SMT-10M-PS-24V-E-2,5-L-OE
	PNP, plug	551375	SMT-10M-PS-24V-E-0,3-L-M8D
<b>Magnetic reed – N/O contact</b> Technical data → 174			
	Cable, 2.5 m	551369	SME-10M-ZS-24V-E-2,5-L-OE
	Plug	551367	SME-10M-DS-24V-E-0,3-L-M8D
<b>Proximity sensor for T-slot, magneto-resistive – N/O contact</b> Technical data → 169			
	PNP, cable, 2.5 m	574335	SMT-8M-A-PS-24V-E-2,5-OE
	PNP, plug	574334	SMT-8M-A-PS-24V-E-0,3-M8D
	NPN, cable, 2.5 m	574338	SMT-8M-A-NS-24V-E-2,5-OE
	NPN, plug	574339	SMT-8M-A-NS-24V-E-0,3-M8D
<b>Magnetic reed – N/O contact</b> Technical data → 170			
	Cable, 2.5 m	543862	SME-8M-ZS-24V-K-2,5-OE
	Plug	543861	SME-8M-DS-24V-K-0,3-M8D
<b>Connecting cable, straight socket</b>			
	2.5 m	541333	NEBU-M8G3-K-2.5-LE3

Ordering Data – Mounting Kits for Proximity Sensors SMT/SME-8			
	For Ø [mm]	Part No.	Type
	8	175091	SMBR-8-8
	10	175092	SMBR-8-10
	12	175093	SMBR-8-12
	16	175094	SMBR-8-16
	20	175095	SMBR-8-20
	25	175096	SMBR-8-25

Ordering Data – One-way Flow Control Valves for Exhaust Air Flow Control				
Technical Data → 253				
Function	For Ø [mm]	Tubing O.D. [mm]	Part No.	Type
	8, 10	4	197577	GRLA-M5-QS-4-RS-D
	12, 16	6	197578	GRLA-M5-QS-6-RS-D
	20, 25	4	197580	GRLA-1/8-QS-4-RS-D
		6	197581	GRLA-1/8-QS-6-RS-D

Ordering Data – Push-in Fittings QB				
Technical Data → 245				
Function	For Ø [mm]	Tubing O.D. [mm]	Part No.	Type
	8, 10	4	153304	QSM-M5-4
	12, 16	6	153306	QSM-M5-6
	20, 25	4	153001	QS-1/8-4
		6	153002	QS-1/8-6