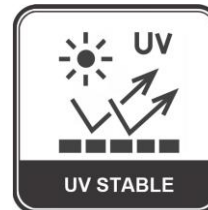
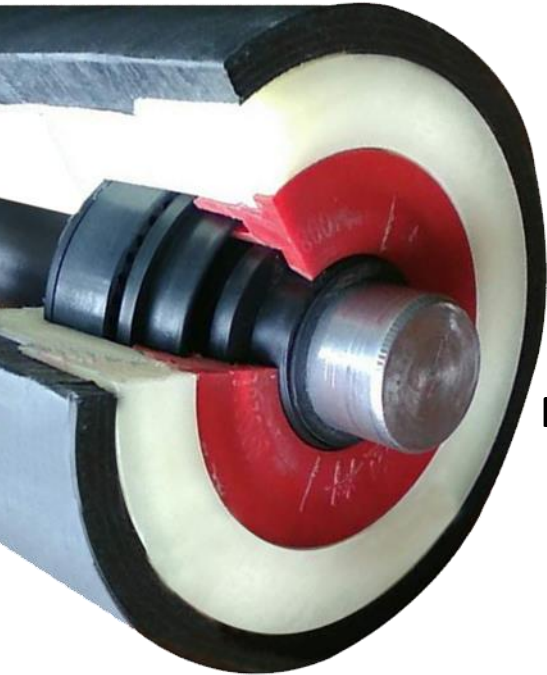


Our new generation of ultra high molecular weight polyethylene(UHMW-PE)roller is designed for the toughest applications.

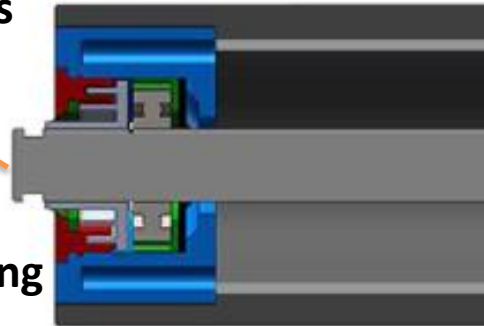
Due to it's strengthened frame construction, FJS Roller can replace heavy duty steel rollers. FJS Roller's self-cleaning surface greatly reduces the risk of buildup from carryback material-the main cause of belt tracking problems, material spillage, premature wear and failure of steel rollers.



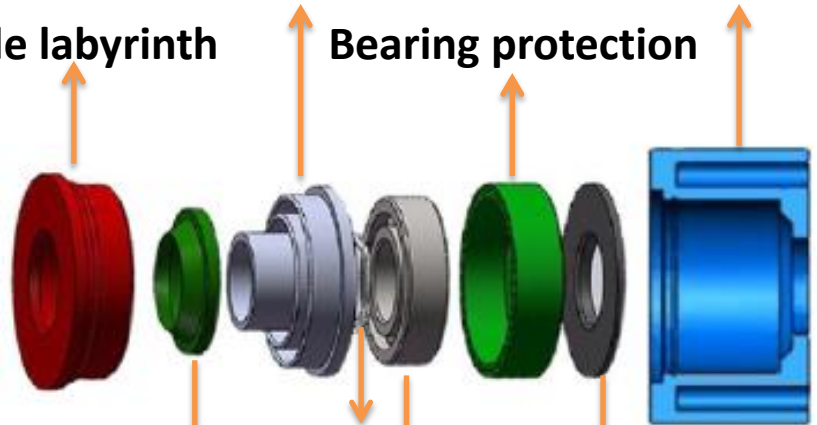
Patented Water & Dust Proof Technology




All shaft end types available
 (Closed – Open – Garland – Adaptors)

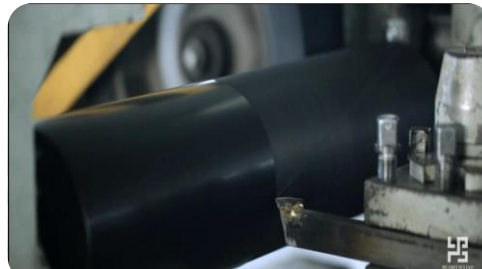


Female labyrinth **Bearing housing**
Male labyrinth **Bearing protection**



Lip seal **Circlip** **Bearing** **Bottom seal**
UHMW-PE Tube **Tube enforcement**

No.	Test items	Unit	Results
1	T. I.R	mm	≤ 0.2
2	Axial displacement	mm	≤ 0.4
3	Axial displacement after falling	mm	< 1.2
4	Axial load	KN	> 1.5
5	Rolling resistance	N	≤ 2.5
6	Water spay running test	g	0
7	Underwater running test	g	5
8	Coefficient of friction	-	≤ 0.1



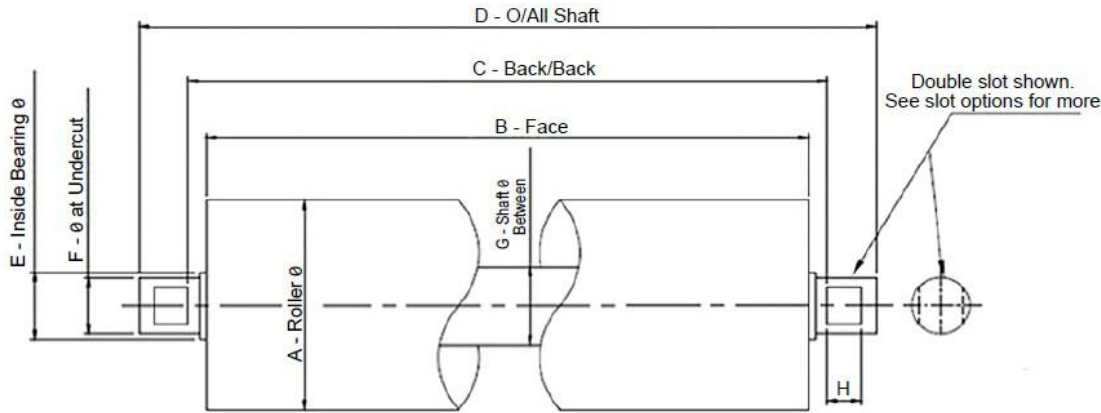
Weight & Rolling Resistance

Roller size(mm)	Total Mass(kg)	Rolling Mass(kg)	Rolling Resistance (N)
φ89×240	1.62	0.89	≤0.87
φ89×315	2.10	1.03	≤0.9
φ89×950	7.43	4.69	≤1.5
φ108×380	3.30	1.79	≤1.02
φ108×455	3.97	2.02	≤1.2
φ108×1150	10.21	7.99	≤1.7
φ133×380	4.68	3.05	≤1.5
φ133×465	5.05	3.52	≤1.5
φ133×1400	19.45	13.86	≤2
φ159×380	5.52	3.89	≤2
φ159×800	14.28	11.01	≤2.2
φ159×1600	27.33	20.98	≤2.5

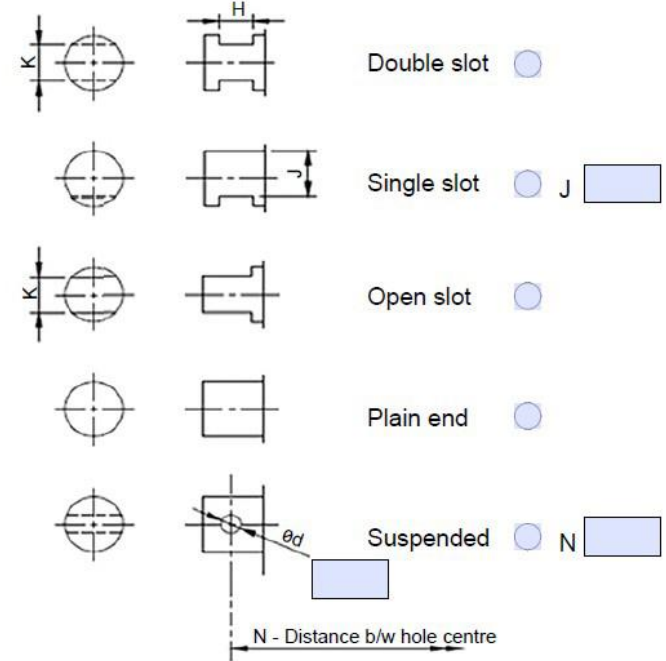
Size Available

Roller Φ (mm):	Roller lengths (mm):	Bearings	Shaft diameter (mm):	Roller tube thickness (mm):
63.5	160-3500	6204	20	8,10,13,15
76		6204	20	
89		6204	20	
102		6205	25	
108		6205	25	
114		6205	25	
127		6205;6206	25,30	
133		6205;6206	25,30	
140		6205;6206	25,30	
152		6305,6206,6307,6308	25,30,35,40	
159		6305,6206,6307,6308	25,30,35,40	
165		6305,6206,6307,6308	25,30,35,40	
178		6206,6307,6308	30,35,40	
191		6206,6307,6308	30,35,40	
194		6206,6307,6308	30,35,40	
219		6206,6307,6308	30,35,40	

FJS Carry/Return Rollers



Slot Options



A	B	C	D	E	F	G	H	K	Bearing Type	Qty Required
Roller ϕ	Face	Back to Back	Overall Length	Inside Bearing ϕ	ϕ at Undercut	Shaft ϕ	Slot Width	Across Flat		

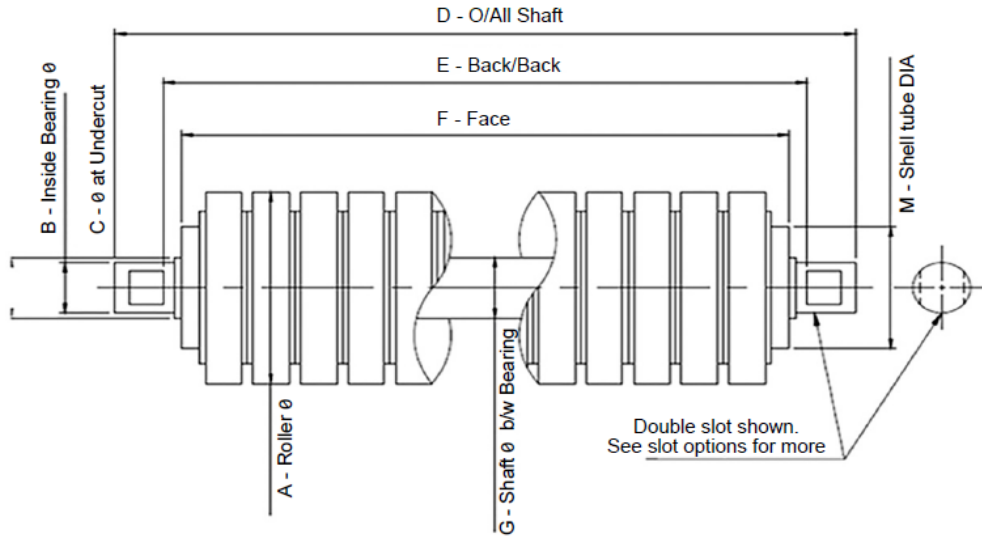
Material

UHMW-PE

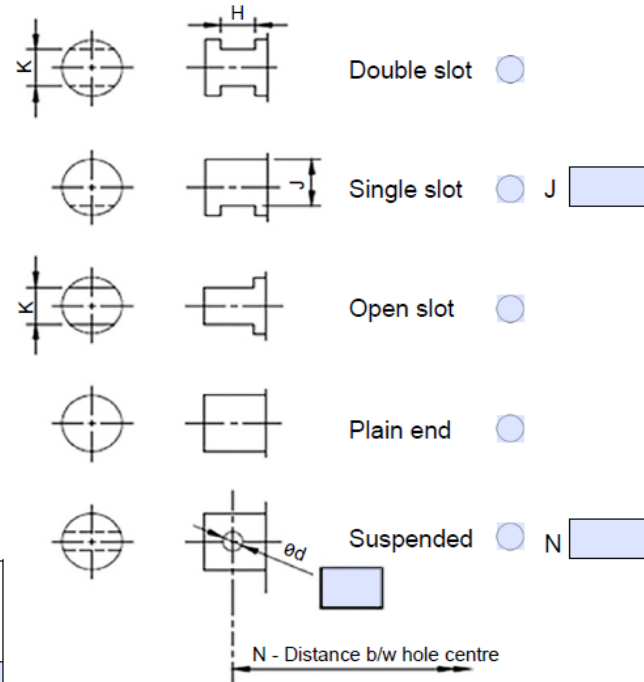
STEEL(Weld Free)

Special Comments

FJS Impact Rollers



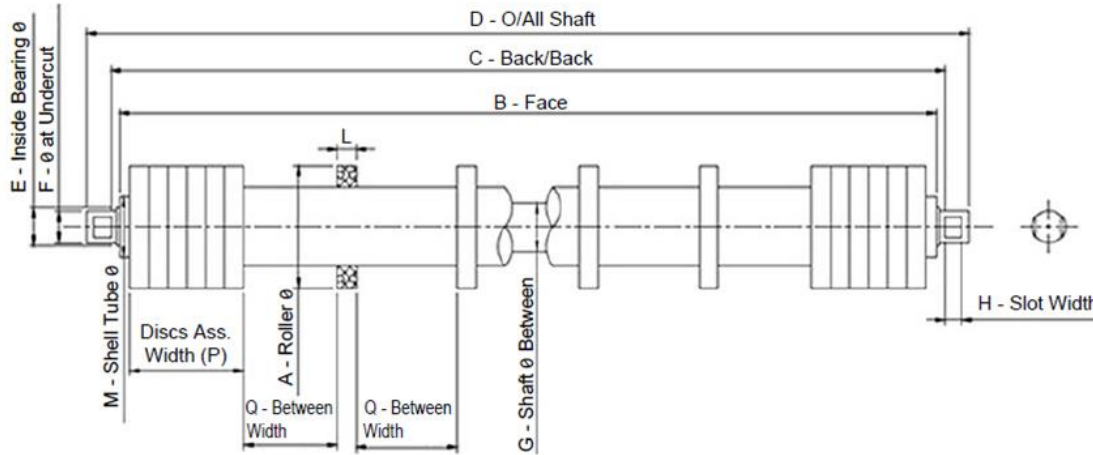
Slot Options



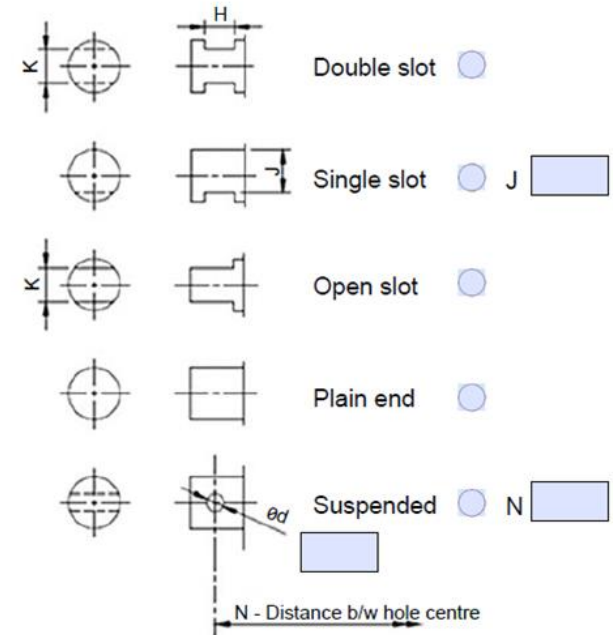
A	B	C	D	E	F	G	H	K	M	Bearing Type	Qty Required
Roller ϕ	Inside Bearing ϕ	ϕ at Undercut	Overall Length	Back/Back	Face	Shaft ϕ (if known)	Slot Width	Across Flat	Shell Tube ϕ		

Special Comments

FJS Return Disc Rollers



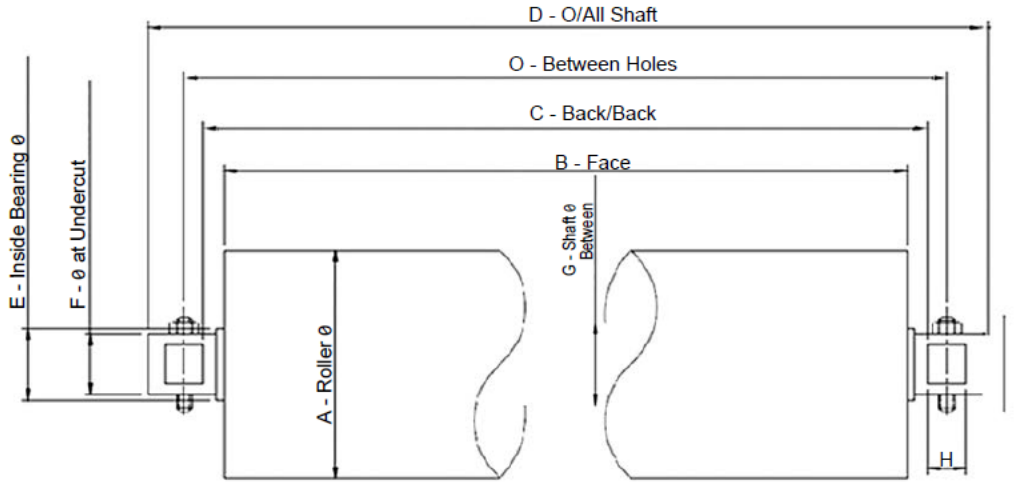
Slot Options



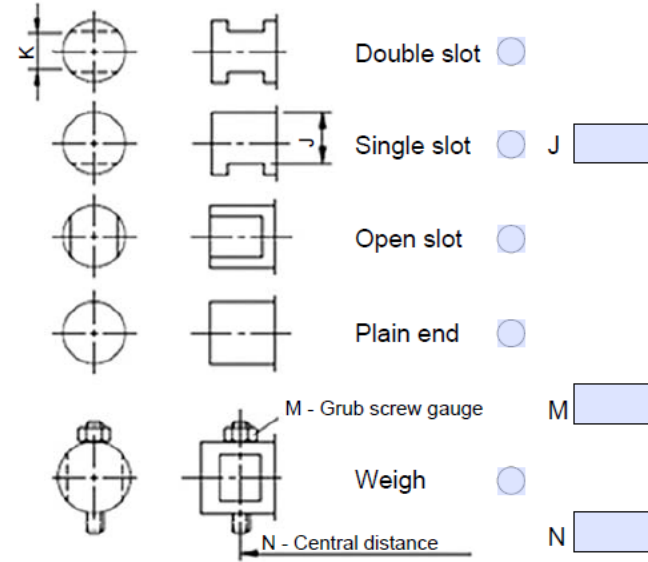
A	B	C	D	E	F	G	H	K	L	M	P	Q	Bearing Type	Qty Required
Roller θ	Face	Back to Back	Overall Length	Inside Bearing θ	θ at Undercut	Shaft θ (if known)	Slot Width	Across Flat	Disc Thickness	Shell Tube θ	Disc Assy. Width	Between Discs		

Special Comments

FJS Weigh Rollers



Slot Options



A	B	C	D	E	F	G	H	K	L	O	Bearing Type	Runout Std (0.13 mm/Roll)	Out of Balance Std (0.01 Nm/Roll)	Qty Required
Roller ϕ	Face	CRS	Overall Length	Inside Bearing ϕ	ϕ at Undercut	Shaft ϕ (known)	Slot Width	Across Flat	Screw Length	Between Holes				

Special Comments

Complete Roller Series

UHMW-PE Rollers



FJS Standard Roller



Low Noise Roller



Mining Roller



Low Temperature Roller



Impact Roller



Disc Roller



Spiral Roller



High Speed Roller



Self-aligning Roller



Tapered Roller

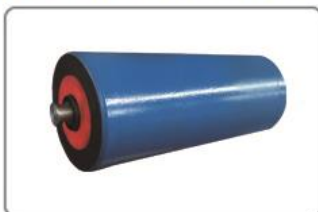


Crowned Roller



Guide Roller

Weld-free Steel Roller



HDPE Roller



Nylon Roller





F.R.A.S



Fluid General Solutions SAC

Tel: +51 987596889

Email: gerencia.ventas@fgsolutions-pe.com

