

CONSTANT FILL / FIXED SPEED COUPLING

TYPE (SM-DX-AR) and (HF-DX-AR)

Specifications:

Rating Table Sm-9 Dx-AR to Sm-15 Dx-AR:

COUPLING MODEL	MAX. RATINGS IN KW AT DIFFERENT INPUT SPEEDS RPM						
	600 RPM	730 RPM	900 RPM	970 RPM	1200 RPM	1470 RPM	1800 RPM
9	12	22	41	52	98	172	246
9 B	16	29	54	68	129	228	300
10	22	39	73	91	172	275	370
10 B	32	57	107	134	253	373	500
11	47	85	158	198	374	525	775
12	82	148	278	348	600	750	—
13	163	293	550	620	850	1100	—
14	277	500	758	850	1250	—	—
15	472	850	1148	1250	—	—	—

Dimension Table: Sm-9 Dx-AR To Sm-15 Dx-AR:

COUPLING MODEL	ø A	B	ød4	l 2	*DRY WEIGHT (Kgs.)	SM-9 DX-AR				
						604	405	95	155	118
SM-9B DX-AR	640	430	95	160	176					
SM-10 DX-AR	670	424	110	170	193					
SM-10B DX-AR	739	451	110	190	240					
SM 11 DX-AR	776	471	120	200	283					
SM-12 DX-AR	870	555	130	240	365					
SM-13 DX-AR	985	619	150	270	510					
SM-14 DX-AR	1130	624	160	275	765					
SM-15 DX-AR	1255	724	160	275	965					

*With connected flexible Coupling.

Connected Flexible Coupling Model Wise SM-Dx AR:

Model SM, SMD , SM-DX	Internal Hub			External Hub		
	ød1 Max.	l1	L1	ød2 Max.	l2	L2
9	90	102	87	100	120	195
9B,10	—	—	—	125	150	230

Model SM, SMD, SM-DX	Pad Type Coupling		
	ød3 Max.	l3	L3
9B,10	100	110	120
10B,11	120	140	151
12	140	155	167
13	160	180	179
14	160	180	194
15	180	200	214

Rating Table SM-Hf-Dx-AR:

COUPLING MODEL	MAX. RATINGS IN KW AT DIFFERENT INPUT SPEEDS RPM						
	600 RPM	730 RPM	900 RPM	970 RPM	1200 RPM	1470 RPM	1800 RPM
9	12	22	41	52	98	172	246
9 B	16	29	54	68	129	228	300
10	22	39	73	91	172	275	370
10 B	32	57	107	134	253	373	500
11	47	85	158	198	374	525	775
12	82	148	278	348	600	750	—
13	163	293	550	620	850	1100	—
14	277	500	758	850	1250	—	—
15	472	850	1148	1250	—	—	—

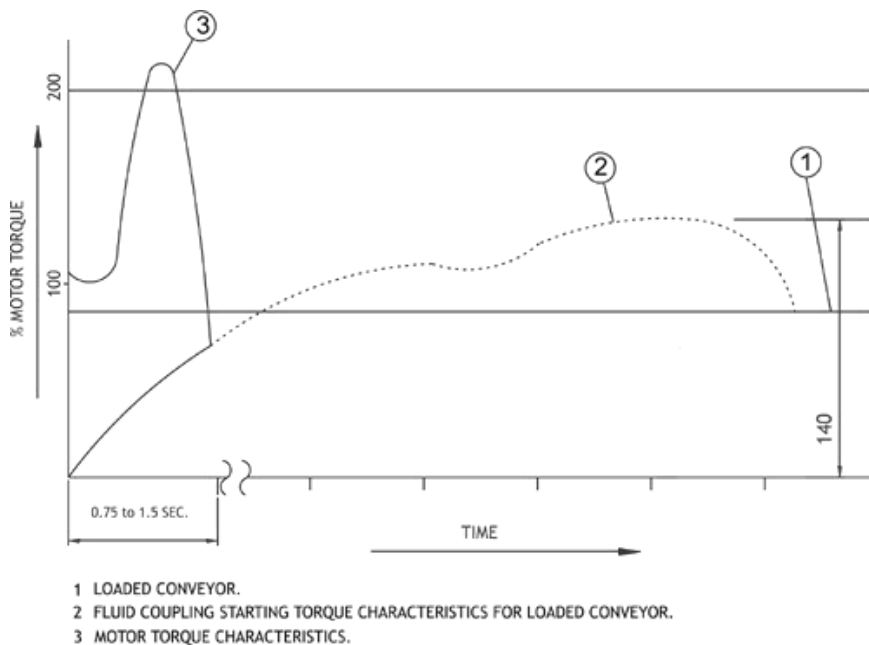
Dimension Table SM-Hf-Dx-AR:

COUPLING MODEL	ø A	B	ød1/ød4	l1 / l4	*DRY WT (KGS)
HF-9 DX-AR	604	546	95	110	143
HF-9B DX-AR	640	589	95	125	192
HF-10 DX-AR	670	611	110	125	198
HF-10B DX-AR	739	632	110	125	247
HF 11 DX-AR	776	661	120	125	310
HF-12 DX-AR	870	820	130	200	440
HF-13 DX-AR	985	875	150	200	620
HF-14 DX-AR	1130	943	160	200	723
HF-15 DX-AR	1255	1016	160	200	1134

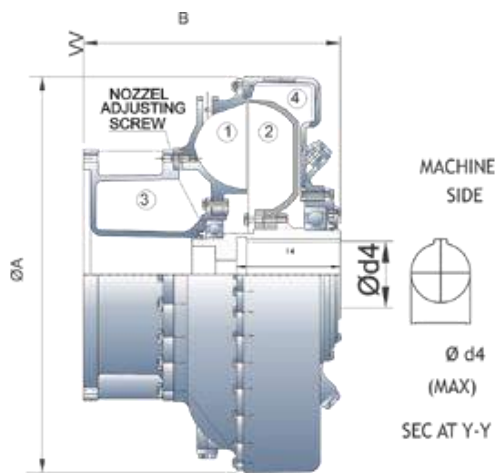
With connected flexible Coupling.

Starting Torque Characteristics for Fluid Coupling:

Starting Torque Characteristics Curve for Fluid Coupling
Type SM-AR & HF-AR For Conveyor Belt Application

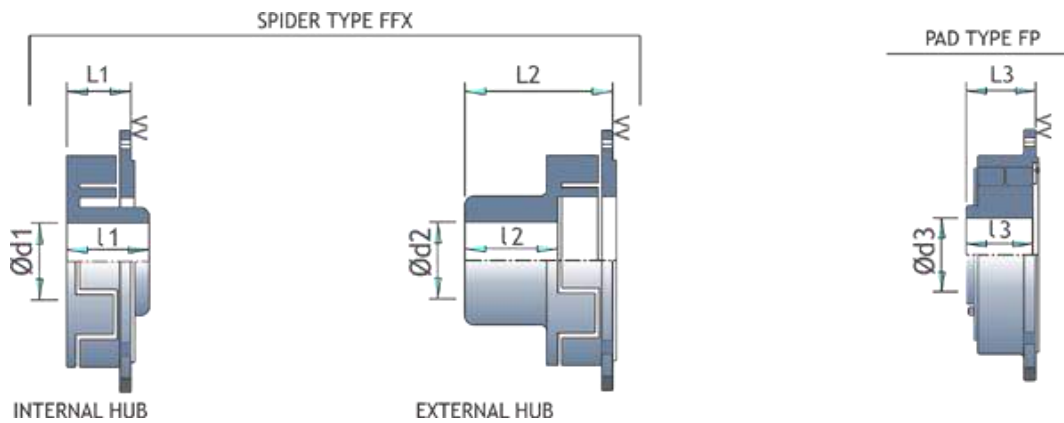


TYPE SM-DX AR:



- 1) IMPELLER
- 2) ROTOR
- 3) DELAY FIL CHAMBER
- 4) ANNULAR CHAMBER

Flexible Coupling Type Sm-Dx Ar:



Type Hf-Dx Ar:

