

DAMPER Electric/Pneumatic Actuator Indenting Parameters

INTERNAL

Indenting Agency:
RPT_CI

Project Name:
PATRATU 1-800

Customer numbers
R839 R840 R841

Ref: DAMPER :Act:Data:ora:R839 R840 R841

Revno: 01

15 minute

Key Way Details

SI No	PG	Ma	Pgma Desc	Tag	Qty	No Of Turns	Min RPM	Reqd Run Torque (kgm)	Starting Torque (kgm)	Stall Torque (kgm)	Bore Dia (mm)	Length (mm)	Width (mm)	Depth (mm)	Direction	Revision number	Revision Reason
1	57	083	DAMPER-SA SCAPH BYPASS	10HLA13 AA001,004; 10HLA23 AA001,004	4	25	0.51	154	802	1300	83.05	120	22	5.4	RH		
2	57	203	DAMPER-SA APH OUTLET	10HLA14 AA001,003; 10HLA24 AA001,003	4	25	0.51	160	824	1300	83.05	120	22	5.4	RH		
3	57	203	DAMPER-SA APH OUTLET	10HLA14 AA002,004; 10HLA24 AA002,004	4	25	0.51	160	824	1300	83.05	120	22	5.4	LH		
4	57	173	DAMPER-PA APH INLET	10HFE02 AA001	1	25	0.51	313	1221	2100	95.05	160	25	5.4	RH		
5	57	173	DAMPER-PA APH INLET	10HFE06 AA001	1	25	0.51	313	1221	2100	95.05	160	25	5.4	LH		
6	57	033	DAMPER-SA SCAPH INLET	10HLA13 AA002	1	25	0.51	328	1278	2100	95.05	120	25	5.4	LH		
7	57	033	DAMPER-SA SCAPH INLET	10HLA23 AA002	1	25	0.51	328	1278	2100	95.05	120	25	5.4	RH		
8	57	063	DAMPER-SA SCAPH OUTLET	10HLA13 AA003	1	25	0.51	328	1278	2100	95.05	160	25	5.4	RH		
9	57	063	DAMPER-SA SCAPH OUTLET	10HLA23 AA003	1	25	0.51	328	1278	2100	95.05	160	25	5.4	LH		
10	57	223	DAMPER-PA APH OUTLET	10HFE03 AA001	1	25	0.51	395	1541	2100	95.05	200	25	5.4	LH		
11	57	223	DAMPER-PA APH OUTLET	10HFE07 AA001	1	25	0.51	395	1541	2100	95.05	200	25	5.4	RH		

NOTE: 1) E/C&I SHALL REFER PATRATU TENDER SPECIFICATION FOR ANY SPECIAL C&I REQUIREMENTS PERTAINING TO ELECTRICAL ACTUATORS.

2) QUANTITY MENTIONED ABOVE IS PER BOILER.

REV-01 DT-08.02.2020: MIN. RPM REVISED TO 0.51

TOLERANCE ALLOWED:

BORE	KeyWay Width(w)	KeyWay Depth(D)
+0.05MM	W<=16 then -0.06mm,-0.02mm	D<=3.5mm then +0.01mm,-0.00mm
-0.00MM	W>16 then -0.07mm,-0.02mm	D<3.8mm then +0.02mm,-0.00mm

Ashwin Dhinakar
08/02/2020

ASHWIN DHINAKAR / Sr Deputy General Manager
E&C-Gates & Dampers
Chennai, Tamil Nadu / ENEL S.A.P. Bangalore

Masabattula Suresh
08/02/2020
MASABATTULA SURESH / Senior Engineer
E&C-Gates & Dampers
Chennai, Tamil Nadu / ENEL S.A.P. Bangalore

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Page 1 of 1